

College Now Program Options

Table of Contents

ASSOCIATE DEGREES

Associate of Arts, Oregon Transfer (AAOT)	1
Fall Term 2022	7
Winter Term 2023.....	8
Spring Term 2023	9
Accounting AAS	10
Fall Term 2022	17
Winter Term 2023.....	18
Spring Term 2023	19
Business Technology Administrative Office Professional AAS	20
Fall Term 2022	25
Winter Term 2023.....	26
Spring Term 2023	27
Business Administration AAS (Emphasis in Business Management or Marketing)	28
Fall Term 2022	37
Winter Term 2023	39
Spring Term 2023	41
Criminal Justice AAS	43
Fall Term 2022	50
Winter Term 2023.....	51
Spring Term 2023	53
Cyber Security and Networking	54
Fall Term 2022	59
Winter Term 2023.....	60
Spring Term 2023	61

Digital Media Design AAS	62
Fall Term 2022	67
Winter Term 2023.....	69
Spring Term 2023	71
Early Childhood Educator Emphasis AAS	72
Fall Term 2022	79
Winter Term 2023.....	81
Spring Term 2023	82
Education - Paraeducator Emphasis AAS	83
Fall Term 2022	91
Winter Term 2023.....	92
Spring Term 2023	93
Health Information Management AAS.....	94
Fall Term 2022	100
Winter Term 2023.....	102
Spring Term 2023	104
Associate of Arts Transfer- English Literature (AAT)	105
Fall Term 2022	112
Winter Term 2023.....	113
Spring Term 2023	115
Associate of Arts, Oregon Transfer (AAOT) – Exercise Science Emphasis.....	116
Fall Term 2022	123
Winter Term 2023.....	124
Spring Term 2023	125
Associate of General Studies (AGS)	126
Fall Term 2022	133
Winter Term 2023.....	135
Spring Term 2023	137

Associate of Science (AS).....	138
Fall Term 2022	146
Winter Term 2023.....	146
Spring Term 2023	149
Associate of Science Transfer – Biology (AST).....	150
Fall Term 2022	156
Winter Term 2023.....	157
Spring Term 2023	158
Associate of Science Transfer – Business (AST).....	159
Fall Term 2022	166
Winter Term 2023.....	167
Spring Term 2023	169
CERTIFICATES	
Computer Support Technician Certificate.....	170
Fall Term 2022	172
Winter Term 2023.....	173
Spring Term 2023	174
Criminal Justice Certificate	175
Fall Term 2022	178
Winter Term 2023.....	179
Spring Term 2023	180
Criminal Justice Certificate - ERO	181
Fall Term 2022	183
Winter Term 2023.....	184
Spring Term 2023	184
Welding Certificate	185
Fall Term 2022	188
Winter Term 2023.....	189
Spring Term 2023	190



CAREER PATHWAY CERTIFICATES

Accounting – Bookkeeping Career Pathway Certificate	191
Fall Term 2022	192
Winter Term 2023.....	193
Spring Term 2023	193
Business Administration First-Line Supervisor Fundamentals Career Pathway Certificate.....	194
Fall Term 2022	195
Winter Term 2023.....	196
Spring Term 2023	196
Business Technology Administrative Office Professional Office Support Career Pathway Certificate.....	197
Fall Term 2022	199
Winter Term 2023	199
Spring Term 2023	200
Computer Support Technician Career Pathway Certificate	201
Fall Term 2022	202
Winter Term 2023.....	202
Spring Term 2023	202
Criminal Justice Career Pathway Certificate.....	203
Fall Term 2022	204
Winter Term 2023.....	204
Spring Term 2023	204
Digital Media Design Multimedia Design Career Pathway Certificate	205
Fall Term 2022	206
Winter Term 2023.....	206
Spring Term 2023	206
Early Childhood Education Career Pathway Certificate.....	207
Fall Term 2022	208
Winter Term 2023.....	208
Spring Term 2023	208

Education Paraeducator Career Pathway Certificate.....	209
Fall Term 2022	210
Winter Term 2023.....	210
Spring Term 2023	211
Electronic Health Record Career Pathway Certificate	212
Fall Term 2022	213
Winter Term 2023.....	213
Spring Term 2023	213
Medical Administrative Assistant Career Pathway Certificate	214
Fall Term 2022	216
Winter Term 2023.....	217
Spring Term 2023	218
Medical and Clinical Laboratory Technician Career Pathway Certificate.....	219
Fall Term 2022	221
Winter Term 2023.....	222
Spring Term 2023	222
Welding – Shield Metal Arc/Stick Welding Career Pathway Certificate.....	223
Fall Term 2022	224
Winter Term 2023.....	224
Spring Term 2023	225

ASSOCIATE DEGREES

Associate of Arts, Oregon Transfer (AAOT)

Two-Year Associate of Arts, Oregon Transfer Degree

The Associate of Arts Oregon Transfer (AAOT) degree prepares students to transfer to an Oregon university with the guarantee that the student has met all of the lower-division general education requirements for the Oregon universities. Upon acceptance at an Oregon university, the student is given “junior status” for registration purposes. The AAOT does not guarantee admissions into specific departments or programs and does not guarantee admission into the student’s Oregon university of choice.

Accreditation Information: <https://www.klamathcc.edu/en-us/about/accreditation>

Program Requirements

For courses to meet general education requirements, they must be collegiate-level numbered (e.g., 100 or higher). Colleges and universities may have particular general education requirements. Transfer students must be aware that the AAOT does not automatically fulfill course requirements for programs.

- All courses must be passed with a grade of “C” or better.
- Students must have a minimum cumulative GPA of 2.0 at the time the AAOT is awarded.
- Transfer students must be aware of the second language requirement for the particular school and bachelor’s degree they are seeking.
- Candidates for the degree must complete one course from any discipline studies that is designated as meeting the statewide criteria for cultural literacy.
- Candidates must complete a minimum of 24 credit hours at KCC. Challenge credits or credit transferred from another institution may not be used to fulfill this requirement.
- No more than nine credits of Special Studies or Work Experience apply.
- No more than three credits of physical education courses apply.
- Students must complete electives as required to bring the total number of credits to 90. Students should meet with transfer advisors to align elective coursework to meet Oregon university general education transfer requirements or workforce professional/technical requirements. Electives will vary with academic plans. See your advisor for more information.
- Only 12 credits of career and technical education courses can be taken in the AAOT.
- Number of credit hours necessary for completion: **90**.

Required Courses

Communications

Oral Communications

- SPE 111 - Fundamentals of Speech **3.00 credits or**
- SPE 111M - Fundamentals of Speech **5.00 credits**

Writing

Students must complete a minimum of eight credits in this general education requirement. For information about placement in a writing course, please refer to the: [Writing Pathway](#).

- WRI 121 - English Composition I **4.00 credits or**
- WRI 121M - English Composition I **5.00 credits**
and
- WRI 122 - English Composition II **4.00 credits or**
- WRI 122M - English Composition II **5.00 credits**
or
- WRI 227 - Technical Communication **4.00 credits**

Health and Wellness

Students must complete a minimum of three credits in this general education requirement.

- HPE 225 - Nutrition **3.00 credits or**
- HPE 295 - Health & Fitness for Life **3.00 credits**

Computation

Students must complete a minimum of four credits in this general education requirement. For information about placement in a math course, please refer to the: [Math Curriculum Pathway](#).

- MTH 105 - Math in Society **4.00 credits or**
- MTH 105M - Math in Society **5.00 credits**
- MTH 111 - College Algebra **5.00 credits**
- MTH 112 - Elementary Functions **4.00 credits**
- MTH 243 - Statistics I **4.00 credits**
- MTH 251 - Calculus I **4.00 credits**
- MTH 252 - Calculus II **4.00 credits**
- MTH 253 - Calculus III **4.00 credits**
- MTH 254 - Vector Calculus **4.00 credits**

Arts and Letters

Students must complete a minimum of nine credits chosen from at least two disciplines in this general education requirement.

- ART 131 - Intro to Drawing **3.00 credits**
- ART 211 - Mod Art Hist - 19th Century Art in Europe **3.00 credits**
- ART 212 - Mod Art Hist - Early 20th Century Art **3.00 credits**
- ART 213 - Mod Art Hist - Art Since 1945 **3.00 credits**
- ENG 104 - Intro to Literature (Fiction) **3.00 credits**
- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**
- ENG 201 - Shakespeare's Early and Middle Works **3.00 credits**
- ENG 202 - Shakespeare's Late Works **3.00 credits**
- ENG 213 - Latin American Literature **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENG 261 - Literature of Science Fiction **3.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**
- MUS 206 - History of Rock Music **3.00 credits**
- MUS 206M - History of Rock Music **5.00 credits**
- PHL 204 - Philosophy of Religion **3.00 credits**
- PHL 204M - Philosophy of Religion **5.00 credits**
- PHL 209 - Business Ethics **3.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPA 202 - Second Year Spanish II **4.00 credits**
- SPA 203 - Second Year Spanish III **4.00 credits**

Social Sciences

Students must complete a minimum of 12 credits chosen from at least two disciplines in this general education requirement.

- ATH 101 - Intro to Physical Anthropology **3.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**
- GEO 106 - Human Cultural Geography I **3.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- HST 201 - United States History I: Colonial Period to 1840 **3.00 credits**
- HST 201M - United States History I **5.00 credits**

- HST 202 - United States History II: 1840 to 1914 **3.00 credits**
- HST 203 - United States History III: 1914 to Present **3.00 credits**
- HST 203M - United States History II **5.00 credits**
- PSY 201A - General Psychology I **3.00 credits**
- PSY 201M - General Psychology I **5.00 credits**
- PSY 202A - General Psychology II **3.00 credits**
- PSY 202M - General Psychology II **5.00 credits**
- PSY 203A - General Psychology III **3.00 credits**
- PSY 225 - Abnormal Psychology I **3.00 credits**
- PSY 226 - Abnormal Psychology II **3.00 credits**
- SOC 204 - Gen Sociology: Soc in Everyday Life **3.00 credits**

Science / Math / Computer Science

Students must complete a minimum of 16 credits from at least two disciplines including at least three laboratory courses in biological and/or physical science.

- BIO 101 - Biology I **3.00 credits**
- BIO 101L - Bio I Lab **1.00 credit**
- BIO 102 - Biology II **3.00 credits**
- BIO 102L - Bio II Lab **1.00 credit**
- BIO 103 - Biology III **3.00 credits**
- BIO 103L - Bio III Lab **1.00 credit**
- BIO 211 - Principles of Biology 1 (Preprofessional) **4.00 credits**
- BIO 211L - Principles of Bio 1 Lab **1.00 credit**
- BIO 212 - Principles of Biology 2 (Preprofessional) **4.00 credits**
- BIO 212L - Principles of Bio 2 Lab **1.00 credit**
- BIO 213 - Principles of Biology 3 (Preprofessional) **4.00 credits**
- BIO 213L - Principles of Bio 3 Lab **1.00 credit**
- BIO 231 - Anatomy & Physiology I **3.00 credits**
- BIO 231L - Anatomy & Phys I Lab **1.00 credit**
- BIO 232 - Anatomy & Physiology II **3.00 credits**
- BIO 232L - Anatomy & Phys II Lab **1.00 credit**
- BIO 233 - Anatomy & Physiology III **3.00 credits**
- BIO 233L - Anatomy & Phys III Lab **1.00 credit**
- BIO 234 - Microbiology I **4.00 credits**
- BIO 234L - Microbiology I Lab **1.00 credit**
- CHE 104 - General Chemistry I **4.00 credits**
- CHE 104L - Gen Chem I Lab **1.00 credit**
- CHE 105 - General Chemistry II **4.00 credits**
- CHE 105L - Gen Chem II Lab **1.00 credit**
- CHE 106 - General Chemistry III **4.00 credits**
- CHE 106L - Gen Chem III Lab **1.00 credit**
- CHE 221 - General Chemistry I (Preprofessional) **4.00 credits**

- CHE 221L - Gen Chem I Lab **1.00 credit**
- CHE 222 - General Chemistry II (Preprofessional) **4.00 credits**
- CHE 222L - Gen Chem II Lab **1.00 credit**
- CHE 223 - General Chemistry III (Preprofessional) **4.00 credits**
- CHE 223L - Gen Chem III Lab **1.00 credit**
- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credit**
- GEO 105 - Physical Geography **3.00 credits**
- GEO 105L - Physical Geography Lab **1.00 credit**
- GSC 107 - Physical Science (Astronomy) **3.00 credits**
- GSC 107L - Physical Science (Astronomy) Lab **1.00 credit**
- MTH 105 - Math in Society **4.00 credits**
- MTH 105M - Math in Society **5.00 credits**
- MTH 111 - College Algebra **5.00 credits**
- MTH 243 - Statistics I **4.00 credits**
- PHY 101 - Fundamentals of Physics I **3.00 credits**
- PHY 101L - Fundamentals of Physics I Lab **1.00 credit**
- PHY 102 - Fundamentals of Physics II **3.00 credits**
- PHY 102L - Fundamentals of Physics II Lab **1.00 credit**
- PHY 103 - Fundamentals of Physics III **3.00 credits**
- PHY 103L - Fundamentals of Physics III Lab **1.00 credit**
- PHY 201 - General Physics I (Algebra-based) **4.00 credits**
- PHY 201L - Gen Physics I Lab **1.00 credit**
- PHY 202 - General Physics II (Algebra-based) **4.00 credits**
- PHY 202L - Gen Physics II Lab **1.00 credit**
- PHY 203 - General Physics III (Algebra-based) **4.00 credits**
- PHY 203L - Gen Physics III Lab **1.00 credit**
- PHY 211 - General Physics I (Calculus-based) **4.00 credits**
- PHY 211L - Gen Physics I Lab **1.00 credit**
- PHY 212 - General Physics II (Calculus-based) **4.00 credits**
- PHY 212L - Gen Physics II Lab **1.00 credit**
- PHY 213 - General Physics III (Calculus-based) **4.00 credits**
- PHY 213L - Gen Physics III Lab **1.00 credit**

Electives

Students must complete electives as required to bring the total number of credits to **90**.

Cultural Literacy

At least one core transfer requirement course must also be an AAOT-approved Cultural Literacy course. When taking one of the following courses, students will meet the statewide requirement for cultural literacy.

- ENG 104 - Intro to Literature (Fiction) **3.00 credits**
- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credit**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**
- SOC 204 - Gen Sociology: Soc in Everyday Life **3.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPA 202 - Second Year Spanish II **4.00 credits**
- SPA 203 - Second Year Spanish III **4.00 credits**

Fall Term 2022

On Campus Courses

ART 131.01	Intro to Drawing	T, R	1:00 – 3:50
MTH 105.01	Math in Society (Prerequisites: MTH 065 or MTH 070 or MTH 095 or MTH 098 or placement into MTH 105 and WRI 095 or WRI 121 or placement into WRI 121)	M, T, W, R	2:00 – 2:50
PSY 201A.01	General Psychology I (Prerequisite: WRI 121)	M, W, F	1:00 – 1:50
WRI 121.02	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better or placement into WRI 121) (Prerequisite for BUS 214)	M, T, W, R	1:00 – 1:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Intro to Computing Skills Lab (Recommended: WRI 095 and keyboarding by touch) (Prerequisite for BUS 214)		
BIO 103.01DE BIO 103 L.01DE	Biology III Biology III Lab		
ENV 170.01DE ENV 170L.01DE	Environmental Science Environmental Science Lab (Recommended: Placement into WRI 095)		
HST 101.01DE	Western Civilization I (Recommended: WRI 121 Placement)		
HPE225.01DE	Nutrition		
HPE 295.01DE	Health & Fitness for Life		
MTH 111.01DE	College Algebra (Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111)		

Winter Term 2023

On Campus Courses

BIO 212.01HX	Principles of Biology II (Pre-professional) M, W	10:00 – 11:50
BIO 212L.01	Principles of Biology II (Pre-professional) W (Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 095 or WRI 121 or placement into WRI 121)	1:00 – 03:50

Online Courses

ART 213.01DE	Modern Art History – Art Since 1945 (Recommended: WRI 121 placement)	
BIO 212L.01DE	Principles of Biology II (Pre-professional) Lecture is available in person and/or through Distance Education (HX) Lab is available in person and online	
ECO 202.01DE	Principles of Economics: Macroeconomics (Recommended: Successful completion of MTH 070 or above and WRI 121 placement)	
ENG 105.01DE	Intro to Literature (Drama) (Corequisite: WRI 121, Can be taken at the same time as WRI121)	
MUS 206M.01DE	History of Rock Music (Prerequisite: WRI 121)	
PHL 209.01DE	Business Ethics (Prerequisite: WRI 121)	
PSY 201A.01DE	General Psychology I (Prerequisite: WRI 121)	
SPE111.01DE	Fundamentals of Speech (Prerequisite: WRI 121)	
WRI 122.01DE	English Composition II (Prerequisite: WRI 121 with a grade of “C” or better)	

Spring Term 2023

On Campus Courses

BIO 213.01HX BIO 213L.01	Principles of Biology 3 (Preprofessional) Principles of Biology 3 Lab	M, W M	10:00 – 11:50 1:00 – 03:50
BIO 234.01HX BIO 234L.01	Microbiology I Microbiology I Lab (Prerequisites: MTH 095 and WRI 095)	T, R W	10:00 – 11:50 8:30 – 9:50
CHE 104.01HX CHE 104L.01	General Chemistry I General Chemistry I Lab (Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 121)	T, R F	10:00 – 11:50 9:00 – 11:50
SPE 111.01	Fundamentals of Speech	M, W	2:00 – 3:20

Online Courses

BIO 213L.01DE	Principles of Biology 3 (Preprofessional) Lab		
BIO 234L.01DE	Microbiology I Lab (Prerequisites: MTH 095 and WRI 095)		
CHE 104L.01DE	General Chemistry I Lab (Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 121)		
ENG 106.01DE	Intro to Literature (Poetry) (Prerequisite: WRI 121)		
MTH 112.01DE	Elementary Functions (Prerequisite: MTH 111 with a grade of “C” or better)		
MTH 243.01DE	Statistics I (Prerequisite: MTH 095 with a grade of “C” or better or MTH 105 with a grade of “C” or better or MTH 111 with a grade of “C” or better or placement into MTH 111)		
PSY 225.01DE	Abnormal Psychology I (Prerequisite: WRI 121)		

Accounting AAS

Two-Year Associate of Applied Science Degree

The Accounting AAS degree is offered to students seeking employment primarily in occupations related to accounting and finance. This program focuses on the fundamental areas of accounting, including management, finance, business law, economics, and use of computers in business operations. Theory and current trends are explored, and numerous opportunities exist for practical application of concepts to actual organizational situations. Business ethics and workplace dynamics are addressed throughout this program with strong focus on professional communication and interpersonal skills. Students intending to transfer to a university will have completed substantial coursework necessary for successful transfer to a bachelor's degree program.

Accreditation information: <https://www.klamathcc.edu/en-us/about/accreditation>

Program Learning Outcomes

Upon successful completion of the program, students will be able to:

- Apply accounting methods, tools, and concepts in an ethical and legal manner.
- Analyze accounting information using industry standards, generally accepted accounting principles, or international financial reporting standards.
- Use accounting technology and equipment in proper form.
- Develop appropriately formatted accounting reports for both internal and external users.
- Identify internal control issues in accounting policies and procedures.

Program Recommendations

It is highly recommended that students complete pre-collegiate courses to gain math skills in the first terms of their program. At a minimum completion of MTH 070 or testing above MTH 070 is recommended before beginning the core courses in this degree.

Students interested in accounting should work closely with their academic advisor to create a plan that addresses their specific career interests. Advanced training may be required for certain occupations, and transfer degrees may be more appropriate for students intending to further their education beyond Klamath Community College.

Program Requirements

Number of credit hours necessary for completion: **95**

Required Courses

Student Success

- CGS 100 - College Survival & Success **3.00 credits**



Communications

Information Systems

- CAS 133 - Intro to Computing Skills **3.00 credits**
- CAS 133L - Intro to Computing Skills Lab **1.00 credit**

Oral Communications

- SPE 111 - Fundamentals of Speech **3.00 credits or**
- SPE 111M - Fundamentals of Speech **5.00 credits**

Writing

Students must select three courses in this requirement. For information about placement in a writing course, please refer to the: [Writing Pathway](#).

- WRI 121 - English Composition I **4.00 credits or**
- WRI 121M - English Composition I **5.00 credits**
and
- WRI 122 - English Composition II **4.00 credits or**
- WRI 122M - English Composition II **5.00 credits**
and
- BUS 214 - Business Communication **3.00 credits or**
- WRI 227 - Technical Communication **4.00 credits**

Computation

Students must select one course in this requirement.

For information about placement in a math course, please refer to the: [Math Curriculum Pathway](#).

- MTH 105 - Math in Society **4.00 credits or**
- MTH 105M - Math in Society **5.00 credits**
or
- MTH 111 - College Algebra **5.00 credits**



Arts and Letters

A minimum of three Arts and Letters credits are required from these options.

Recommended Course

- PHL 209 - Business Ethics **3.00 credits**

Additional Options

- Arts and Letters course options

Social Sciences

A minimum of three Social Sciences credits are required from these options.

Recommended Course

- PSY 201A - General Psychology I **3.00 credits or**
- PSY 201M - General Psychology I **5.00 credits**

Additional Options

- **Social Sciences Course Options**

Science / Math / Computer Science

Students must select two courses in this requirement. **8.00 credits**

Recommended Courses

- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credit**

Additional Options

- **Science / Math / Computer Science Additional Course Options**

Technical Core

- BUS 111 - Intro to Accounting **4.00 credits**
- BUS 177 - Payroll Accounting **3.00 credits**
- BUS 211 - Principles of Accounting I **4.00 credits**
- BUS 212 - Principles of Accounting II **4.00 credits**
- BUS 213 - Managerial Accounting **4.00 credits**

- BUS 218 - Personal Finance **3.00 credits**
- BUS 226 - Business Law I **3.00 credits**
- BUS 228 - Computer Accounting Applications **3.00 credits**
- CAS 170 - Spreadsheets **3.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**
- TEX 280 - Coop Work Exp: Seminar **1.00 credit**

Electives

Students must complete electives as required. The following courses are recommended, but any 100- or 200-level courses may be chosen as an elective.

- BUS 150 - Intro to Entrepreneurship **3.00 credits**
- BUS 203 - Intro to International Business **3.00 credits**
- BUS 206 - Management Fundamentals **3.00 credits**
- BUS 206M - Management Fundamentals **5.00 credits**
- BUS 223 - Principles of Marketing **3.00 credits**
- BUS 224 - Human Resource Management **3.00 credits**
- BUS 233 - Social Media Marketing **3.00 credits**
- BUS 250 - Small Business Management **3.00 credits**
- BUS 280 - Coop Work Exp: Business **2.00 credits**
- BUS 285 - Human Relations in Organizations **3.00 credits**
- CAS 216 - Word Processing **3.00 credits**
- MTH 243 - Statistics I **4.00 credits**
- OST 131 - 10-key Calculators **1.00 credit**
- SPE 215 - Small Group Communication: Process & Theory **3.00 credits**

Arts and Letters course options

- ART 102 - Intro to Art History: Visual Arts **3.00 credits**
- ART 115 - Basic Design: 2-D Black and White **3.00 credits**
- ART 116 - Basic Design: 2-D Color **3.00 credits**
- ART 117 - Basic Design: 3-D Foundations **3.00 credits**
- ART 131 - Intro to Drawing **3.00 credits**
- ART 154 - Ceramics I **3.00 credits**
- ART 211 - Mod Art Hist - 19th Century Art in Europe **3.00 credits**
- ART 212 - Mod Art Hist - Early 20th Century Art **3.00 credits**
- ART 213 - Mod Art Hist - Art Since 1945 **3.00 credits**
- ART 265 - Art for Teachers **3.00 credits**
- ART 281 - Painting **3.00 credits**
- ART 284 - Watercolor I **3.00 credits**
- ART 293 - Sculpture **3.00 credits**
- ENG 104 - Intro to Literature (Fiction) **3.00 credits**

- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**
- ENG 201 - Shakespeare's Early and Middle Works **3.00 credits**
- ENG 202 - Shakespeare's Late Works **3.00 credits**
- PHL 204M - Philosophy of Religion **5.00 credits**
- ENG 206 - Survey of English Literature 19th & 20th Century **3.00 credits**
- ENG 213 - Latin American Literature **3.00 credits**
- ENG 216 - Intro Lit Children and Young Adults **3.00 credits**
- ENG 220 - Intro to Non-European Literature **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENG 261 - Literature of Science Fiction **3.00 credits**
- ENG 275 - Bible as Literature **3.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**
- MUS 206 - History of Rock Music **3.00 credits**
- MUS 206M - History of Rock Music **5.00 credits**
- MUS 265 - Music for Teachers **3.00 credits**
- PHL 103 - Critical Thinking **3.00 credits**
- PHL 204 - Philosophy of Religion **3.00 credits**
- PHL 209 - Business Ethics **3.00 credits**
- SPA 101 - First Year Spanish I **4.00 credits**
- SPA 101M - First Year Spanish I **5.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPE 215 - Small Group Communication: Process & Theory **3.00 credits**
- WRI 241 - Creative Writing - Fiction Workshop **3.00 credits**
- WRI 242 - Creative Writing - Poetry Workshop **3.00 credits**

Social Sciences course options

- BUS 285 - Human Relations in Organizations **3.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**
- GEO 106 - Human Cultural Geography I **3.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- HST 201 - United States History I: Colonial Period to 1840 **3.00 credits**
- HST 201M - United States History I **5.00 credits**
- HST 202 - United States History II: 1840 to 1914 **3.00 credits**
- HST 203 - United States History III: 1914 to Present **3.00 credits**
- HST 203M - United States History II **5.00 credits**
- POL 201 - Intro to US Government **3.00 credits**

- POL 203 - State & Local Government **3.00 credits**
- PSY 101 - Psychology & Human Relations **3.00 credits**
- PSY 201A - General Psychology I **3.00 credits**
- PSY 201M - General Psychology I **5.00 credits**
- PSY 202A - General Psychology II **3.00 credits**
- PSY 202M - General Psychology II **5.00 credits**
- PSY 203A - General Psychology III **3.00 credits**
- PSY 225 - Abnormal Psychology I **3.00 credits**
- PSY 228 - Positive Psychology **4.00 credits**
- PSY 233 - Psychology of Violence and Aggression **4.00 credits**
- PSY 235 - Human Growth & Development I **3.00 credits**
- SOC 204 - Gen Sociology: Soc in Everyday Life **3.00 credits**

Science / Math / Computer Science Additional Course Options

- BIO 101 - Biology I **3.00 credits**
- BIO 101L - Biology I Lab **1.00 credit**
- BIO 102 - Biology II **3.00 credits**
- BIO 102L - Bio II Lab **1.00 credit**
- BIO 103 - Biology III **3.00 credits**
- BIO 103L - Biology III Lab **1.00 credit**
- BIO 112 - Integrated Chemistry and Cell Biology for Health Occupations **3.00 credits**
- BIO 112L - Integrated Chemistry & Cell Biology for Health Occupations Lab **1.00 credit**
- BIO 211 - Principles of Biology 1 (Preprofessional) **4.00 credits**
- BIO 211L - Principles of Biology 1 Lab **1.00 credit**
- BIO 212 - Principles of Biology 2 (Preprofessional) **4.00 credits**
- BIO 212L - Principles of Biology 2 Lab **1.00 credit**
- BIO 213 - Principles of Biology 3 (Preprofessional) **4.00 credits**
- BIO 213L - Principles of Biology 3 Lab **1.00 credit**
- BIO 231 - Anatomy & Physiology I **3.00 credits**
- BIO 231L - Anatomy & Physiology I Lab **1.00 credit**
- BIO 232 - Anatomy & Physiology II **3.00 credits**
- BIO 232L - Anatomy & Physiology II Lab **1.00 credit**
- BIO 233 - Anatomy & Physiology III **3.00 credits**
- BIO 233L - Anatomy & Physiology III Lab **1.00 credit**
- BIO 234 - Microbiology I **4.00 credits**
- BIO 234L - Microbiology I Lab **1.00 credit**
- BIO 270 - Ecosystems **3.00 credits**
- BIO 270L - Ecosystems Lab **1.00 credit**
- CHE 104 - General Chemistry I **4.00 credits**
- CHE 104L - General Chemistry I Lab **1.00 credit**
- CHE 105 - General Chemistry II **4.00 credits**
- CHE 105L - General Chemistry II Lab **1.00 credit**
- CHE 106 - General Chemistry III **4.00 credits**

- CHE 106L - General Chemistry III Lab **1.00 credit**
- CIS 206 - Intro to Information Technology **3.00 credits**
- CIS 206L - Intro to Information Technology Lab **1.00 credit**
- CIS 275 - Database I **3.00 credits**
- CIS 275L - Database I Lab **1.00 credit**
- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credit**
- GEO 105 - Physical Geography **3.00 credits**
- GEO 105L - Physical Geography Lab **1.00 credit**
- GSC 107 - Physical Science (Astronomy) **3.00 credits**
- GSC 107L - Physical Science (Astronomy) Lab **1.00 credit**
- MTH 112 - Elementary Functions **4.00 credits**
- MTH 243 - Statistics I **4.00 credits**
- MTH 251 - Calculus I **4.00 credits**
- MTH 252 - Calculus II **4.00 credits**
- MTH 254 - Vector Calculus **4.00 credits**
- PHY 101 - Fundamentals of Physics I **3.00 credits**
- PHY 101L - Fundamentals of Physics I Lab **1.00 credit**
- PHY 102 - Fundamentals of Physics II **3.00 credits**
- PHY 102L - Fundamentals of Physics II Lab **1.00 credit**
- PHY 103 - Fundamentals of Physics III **3.00 credits**
- PHY 103L - Fundamentals of Physics III Lab **1.00 credit**
- PHY 201 - General Physics I (Algebra-based) **4.00 credits**
- PHY 201L - Gen Physics I Lab **1.00 credit**
- PHY 202 - General Physics II (Algebra-based) **4.00 credits**
- PHY 202L - Gen Physics II Lab **1.00 credit**
- PHY 203 - General Physics III (Algebra-based) **4.00 credits**
- PHY 203L - Gen Physics III Lab **1.00 credit**
- PHY 211 - General Physics I (Calculus-based) **4.00 credits**
- PHY 211L - Gen Physics I Lab **1.00 credit**

Fall Term 2022

On Campus Courses

ART 131.01	Intro to Drawing	T, R	1:00 – 3:50
BUS 111.01	Intro to Accounting	M, W	12:00 – 1:50
MTH 105.01	Math in Society (Prerequisites: MTH0 65 or MTH 070 or MTH 095 or MTH 098 or placement into MTH 105 and WRI 095 or WRI 121 or placement into WRI 121)	M, T, W, R	2:00 – 2:50
WRI 121.02	English Composition II (Prerequisite: WRI 095 with a grade of “C” or better or placement into WRI 121) (Prerequisite for BUS 214)	M, T, W, R	1:00 – 1:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Intro to Computing Skills Lab (Recommended: WRI095 and keyboarding by touch) (Prerequisite for BUS 214)		
BIO 103.01DE BIO 103L.01DE	Biology III Biology III Lab		
BUS 218.01DE	Personal Finance (Recommended: Placement into MTH 060 or MTH 070)		
ENV 170.01DE ENV 170L.01DE	Environmental Science Environmental Science Lab (Recommended: Placement into WRI 095)		
HST 101.01DE	Western Civilization I (Recommended WRI 121 Placement)		
MTH 111.01DE	College Algebra (Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111)		
PSY 201A.01DE	General Psychology I (Prerequisite: WRI 121)		

Winter Term 2023

On Campus Courses

BUS 211.01	Principles of Accounting I	M, W	1:00 – 2:50
WRI 122.02	English Composition II (Prerequisite: WRI 121 with a grade of “C” or better)	T, R	1:00 – 2:50
WRI 227.01	Technical Writing Prerequisite: WRI 121 with a grade of “B” or better or WRI 122 with a grade of “C” or better	T, R	1:00 – 2:50

Online Courses

BUS 214.01DE	Personal Finance (Prerequisites: CAS 133 and WRI 121)		
BUS 226.01DE	Business Law I (Prerequisite: WRI 121)		
HST 201M.01DE	United States History I (Recommended: Placement scores at WRI 121)		
PHL 103.01DE	Critical Thinking (Prerequisite: WRI 095 or WRI 121 or placement into WRI 121)		
PHL 209.01DE	Business Ethics (Prerequisite: WRI 121)		
PSY 235.01DE	Human Growth & Development I (Recommended: Previous coursework in psychology)		
SPE 111.01DE	Fundamentals of Speech (Prerequisite: WRI 121)		
WRI 122.01DE	English Composition II (Prerequisite: WRI 121 with a grade of “C” or better)		
WRI 227.01DE	Technical Communication (Prerequisite: WRI 121 with a grade of “B” or better or WRI 122 with a grade of “C” or better)		

Spring Term 2023

On Campus Courses

BIO 213.01HX BIO 213L.01	Principles of Biology 3 (Preprofessional) Principles of Biology 3 Lab	M, W M	10:00 – 11:50 1:00 – 03:50
BIO 234.01HX BIO 234L.01	Microbiology I Microbiology I Lab (Prerequisites: MTH 095 and WRI 095)	T, R W	10:00 – 11:50 8:30 – 9:50
CHE 104.01HX CHE 104L.01	General Chemistry I General Chemistry I Lab (Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 121)	T, R F	10:00 – 11:50 9:00 – 11:50
SPE 111.01	Fundamentals of Speech (Prerequisite: WRI 121)	M, W	2:00 – 3:20

Online Courses

BIO 213L.01DE	Principles of Biology 3 (Preprofessional) Lab
BIO 234L.01DE	Microbiology I Lab (Prerequisites: MTH 095 and WRI 095)
CHE 104L.01DE	General Chemistry I Lab (Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 121)
ECO 201.01DE	Principles of Economics: Macroeconomics (Recommended: Successful completion of MTH 070 or above and WRI 121 placement)
ENG 106.01DE	Intro to Literature (Poetry) (Prerequisite: WRI 121)

Business Technology Administrative Office Professional AAS

Two-Year Associate of Applied Science Degree

This program options allow students to meet their career goals whether related to job-entry preparation, job advancement, or college transfer. The program provides a strong foundation of technology skills and courses in business. The program includes industry standard computer programs.

The Administrative Office Professional AAS degree is offered to students seeking employment as professional administrative assistants. This program is designed for students who seek immediate employment in the wide-open field of administrative professionals; training is applicable for both first-time job seekers and experienced employees who would like to advance in their careers. The program allows students to meet their career goals whether related to job-entry preparation, job advancement, or college transfer.

Market driven and industry validated, the newly revamped Administrative Office Professional (AOP) state-wide degree program reflects the evolving responsibilities of administrative assistants. Office professionals are increasingly self-directed and technically proficient. The AOP program emphasizes software skills, project management, Internet communications and research, meeting and event preparation, customer service and public relations, the abilities to think logically and to demonstrate problem-solving techniques, and the need to successfully interact with a variety of personalities.

Program Learning Outcomes

Upon successful completion of the program, students will be able to:

- Apply technology skills to business and administrative tasks.
- Perform routine administrative procedures.
- Maintain internal and external relationships.
- Manage administrative projects.

Program Recommendations

Students interested in business and management occupations should work closely with their academic advisor to create a plan that addresses their specific career interests. Advanced training may be required for certain occupations and transfer degrees may be more appropriate for students intending to further their education beyond KCC.

Program Requirements

Number of credit hours necessary for completion: 90

Required Courses

Student Success

- CGS 100 - College Survival & Success **3.00 credits**



Communications

Information Systems

- CAS 133 - Intro to Computing Skills **3.00 credits**
- CAS 133L - Intro to Computing Skills Lab **1.00 credit**

Oral Communications

- SPE 111 - Fundamentals of Speech **3.00 credits or**
- SPE 111M - Fundamentals of Speech **5.00 credits**

Writing

Students must select two courses in this Writing requirement. For more information about placement in a writing course, please refer to the [Writing Pathway](#).

- WRI 121 - English Composition I **4.00 credits or**
- WRI 121M - English Composition I **5.00 credits**
and
- BUS 214 - Business Communication **3.00 credits or**
- WRI 227 - Technical Communication **4.00 credits**

Computation

Students must select one course in this Computation requirement.

For information about placement in a math course, please refer to the: [Math Curriculum Pathway](#).

- MTH 065 - Introductory Algebra II **4.00 credits**
- MTH 070 - Elementary Algebra **4.00 credits**
- MTH 095 - Intermediate Algebra **4.00 credits**
- MTH 105 - Math in Society **4.00 credits**
- MTH 105M - Math in Society **5.00 credits**
- MTH 111 - College Algebra **5.00 credits**
- MTH 112 - Elementary Functions **4.00 credits**

Recommended Courses

- BUS 285 - Human Relations in Organizations **3.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**
- PSY 201A - General Psychology I **3.00 credits or**
- PSY 201M - General Psychology I **5.00 credits**

Technical Core

- BUS 101 - Intro to Business **4.00 credits**
- BUS 111 - Intro to Accounting **4.00 credits** or
- BUS 211 - Principles of Accounting I **4.00 credits**
- BUS 206 - Management Fundamentals **3.00 credits** or
- BUS 206M - Management Fundamentals **5.00 credits**
- BUS 224 - Human Resource Management **3.00 credits**
- BUS 226 - Business Law I **3.00 credits**
- BUS 228 - Computer Accounting Applications **3.00 credits**
- BUS 280 - Coop Work Exp: Business **2.00 credits**
- BUS 285 - Human Relations in Organizations **3.00 credits**
- CAS 122 - Keyboarding for Speed & Accuracy **3.00 credits**
- CAS 170 - Spreadsheets **3.00 credits**
- CAS 216 - Word Processing **3.00 credits**
- CAS 245 - Office Systems & Procedures **3.00 credits**
- CAS 245L - Office Systems & Procedures Lab **1.00 credits**
- CAS 247 - Advanced Business Applications **3.00 credits**
- CAS 247L - Advanced Business Applications Lab **1.00 credits**
- OST 120 - Business Editing Skills **3.00 credits**
- OST 131 - 10-key Calculators **1.00 credits**
- TEX 280 - Coop Work Exp: Seminar **1.00 credits**

Electives

Students must complete electives as required to bring the total number of credits to 90. The following course are recommended, but any 100-level or 200-level course may be chosen as an elective.

- BUS 111 - Intro to Accounting **4.00 credits**
- BUS 177 - Payroll Accounting **3.00 credits**
- BUS 203 - Intro to International Business **3.00 credits**
- BUS 211 - Principles of Accounting I **4.00 credits**
- BUS 212 - Principles of Accounting II **4.00 credits**
- BUS 213 - Managerial Accounting **4.00 credits**
- BUS 214 - Business Communication **3.00 credits**
- BUS 218 - Personal Finance **3.00 credits**
- BUS 223 - Principles of Marketing **3.00 credits**
- BUS 233 - Social Media Marketing **3.00 credits**
- BUS 249 - Retailing **3.00 credits**
- BUS 250 - Small Business Management **3.00 credits**
- CAS 121 - Beginning Keyboarding **2.00 credits**
- HPE 295 - Health & Fitness for Life **3.00 credits**
- MDA 101 - Medical Terminology I **3.00 credits**
- MDA 102 - Medical Terminology II **3.00 credits**

- SPA 101 - First Year Spanish I **4.00 credits**
- SPA 101M - First Year Spanish I **5.00 credits**
- SPA 102 - First Year Spanish II **4.00 credits**
- SPA 103 - First Year Spanish III **4.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPA 202 - Second Year Spanish II **4.00 credits**
- SPA 203 - Second Year Spanish III **4.00 credits**

Arts and Letters

A minimum of three Arts and Letters credits are required.

Arts and Letters course options

- ART 102 - Intro to Art History: Visual Arts **3.00 credits**
- ART 115 - Basic Design: 2-D Black and White **3.00 credits**
- ART 116 - Basic Design: 2-D Color **3.00 credits**
- ART 117 - Basic Design: 3-D Foundations **3.00 credits**
- ART 131 - Intro to Drawing **3.00 credits**
- ART 154 - Ceramics I **3.00 credits**
- ART 211 - Modern Art History - 19th Century Art in Europe **3.00 credits**
- ART 212 - Modern Art History - Early 20th Century Art **3.00 credits**
- ART 213 - Modern Art History - Art Since 1945 **3.00 credits**
- ART 265 - Art for Teachers **3.00 credits**
- ART 281 - Painting **3.00 credits**
- ART 284 - Watercolor I **3.00 credits**
- ART 293 - Sculpture **3.00 credits**
- ENG 104 - Intro to Literature (Fiction) **3.00 credits**
- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**
- ENG 201 - Shakespeare's Early and Middle Works **3.00 credits**
- ENG 202 - Shakespeare's Late Works **3.00 credits**
- PHL 204M - Philosophy of Religion **5.00 credits**
- ENG 206 - Survey of English Literature 19th & 20th Century **3.00 credits**
- ENG 213 - Latin American Literature **3.00 credits**
- ENG 216 - Intro Lit Children and Young Adults **3.00 credits**
- ENG 220 - Intro to Non-European Literature **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENG 261 - Literature of Science Fiction **3.00 credits**
- ENG 275 - Bible as Literature **3.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**
- MUS 206 - History of Rock Music **3.00 credits**
- MUS 206M - History of Rock Music **5.00 credits**
- MUS 265 - Music for Teachers **3.00 credits**

- PHL 103 - Critical Thinking **3.00 credits**
- PHL 204 - Philosophy of Religion **3.00 credits**
- PHL 209 - Business Ethics **3.00 credits**
- SPA 101 - First Year Spanish I **4.00 credits**
- SPA 101M - First Year Spanish I **5.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPE 215 - Small Group Communication: Process & Theory **3.00 credits**
- WRI 241 - Creative Writing - Fiction Workshop **3.00 credits**
- WRI 242 - Creative Writing - Poetry Workshop **3.00 credits**

Social Sciences

A minimum of three Social Sciences credits are required from these options.

Social Sciences course options

- BUS 285 - Human Relations in Organizations **3.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**
- GEO 106 - Human Cultural Geography I **3.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- HST 201 - United States History I: Colonial Period to 1840 **3.00 credits**
- HST 201M - United States History I **5.00 credits**
- HST 202 - United States History II: 1840 to 1914 **3.00 credits**
- HST 203 - United States History III: 1914 to Present **3.00 credits**
- HST 203M - United States History II **5.00 credits**
- POL 201 - Intro to US Government **3.00 credits**
- POL 203 - State & Local Government **3.00 credits**
- PSY 101 - Psychology & Human Relations **3.00 credits**
- PSY 201A - General Psychology I **3.00 credits**
- PSY 201M - General Psychology I **5.00 credits**
- PSY 202A - General Psychology II **3.00 credits**
- PSY 202M - General Psychology II **5.00 credits**
- PSY 203A - General Psychology III **3.00 credits**
- PSY 225 - Abnormal Psychology I **3.00 credits**
- PSY 228 - Positive Psychology **4.00 credits**
- PSY 233 - Psychology of Violence and Aggression **4.00 credits**
- PSY 235 - Human Growth & Development **3.00 credits**
- SOC 204 - General Sociology: Soc in Everyday Life **3.00 credits**

Fall Term 2022

On Campus Courses

ART 131.01	Intro to Drawing	M, W	1:00 – 3:50
BUS 111.01	Intro to Accounting	M, W	12:00 – 1:50
BUS 226.01	Business Law I	M, W, F	2:00 – 2:50
PSY 201A.01	General Psychology I (Prerequisite: WRI 121)	M, W, F	1:00 – 1:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Intro to Computing Skills Lab (Recommended: WRI 095 and keyboarding by touch) (Prerequisite for BUS 214)		
BUS 101.01DE	Intro to Business		
BUS 218.01DE	Personal Finance (Recommended: Placement into MTH 060 or MTH 070)		
CAS 170.01DE	Spreadsheets (Recommended: CAS 133 and MTH 020 or MTH 070 or MTH 095 or MTH 111 or placement into MTH 070) (This course is recommended for CAS 245 and a Prerequisite for CAS 247)		
HPE 295.01DE	Health & Fitness for Life		
HST 101.01DE	Western Civilization I: Ancient World to 1000 (Recommended: WRI 121 placement)		
MTH 111.01DE	College Algebra (Prerequisite: MTH 095 with a grade of “C: or better or placement into MTH 111)		
SPA 101.01DE	First Year Spanish I		

Winter Term 2023

On Campus Courses

BUS 211.01	Principles of Accounting I	M, W	1:00 – 2:50
WRI 227.01	Technical Writing Prerequisite: WRI 121 with a grade of “B” or better or WRI 122 with a grade of “C” or better	T, R	1:00 – 2:50

Online Courses

BUS 214.01DE	Business Communication (Prerequisites: CAS 133 and WRI 121)
BUS 285.01DE	Human Relations in Organizations
CAS 170.01DE	Spreadsheets (Recommended: Successful completion of MTH 020 or higher) (Prerequisite: CAS 133)
ECO 202.01DE	Principles of Economics: Macroeconomics (Recommended: Successful completion of MTH 070 or above and WRI 121 placement)
ENG 104.01DE	Intro to Literature (Fiction) (Corequisite: WRI 121) Can be taken at the same time as WRI 121
MUS 206M.01DE	History of Rock Music (Prerequisite: WRI 121)
PHL 103.01DE	Critical Thinking (Prerequisite: WRI095 or WRI121 or placement into WRI121)
PSY 235.01DE	Human Growth & Development I (Recommended: Previous coursework in psychology)
SPE 111.01DE	Fundamentals of Speech (Prerequisite: WRI 121)
WRI 227.01DE	Technical Communication (Prerequisite: WRI 121 with a grade of “B” or better or WRI 122 with a grade of “C” or better)

Spring Term 2023

On Campus Courses

BUS 206.01HX	Management Functions	T, R	8:30 – 9:50
MTH 112.01HX	Elementary Functions (Prerequisite: MTH 111 with a grade of “C” or better)	M – R	2:30 – 3:20
SPE 111.01DE	Fundamentals of Speech (Prerequisite: WRI 121)	M, W	2:00 – 3:20

Online Courses

PSY 233.01DE	Psychology of Violence & Aggression (Prerequisite: WRI 121 or placement into WRI 121)		
BUS 223.01DE	Principles of Marketing		
BUS 249.01DE	Retailing		
CAS 122.01DE	Keyboarding for Speed & Accuracy (Prerequisite: CAS 121 and/or ability to touch type at a minimum of 20 wpm)		
ECO 201.01DE	Principles of Economics: Macroeconomics (Recommended: Successful completion of MTH 070 or above and WRI 121 placement)		
ENG 106.01DE	Intro to Literature (Poetry) (Prerequisite: WRI 121)		
MTH 105.01DE	Math in Society (Prerequisites: MTH 065 or MTH 070 or MTH 095 or MTH 098 or placement into MTH 105 and WRI 095 or WRI 121 or placement into WRI 121)		
PSY 201M.01DE	General Psychology I (Prerequisite: WRI 121)		
SPE 111.01DE	Fundamentals of Speech (Prerequisite: WRI 121)		

Business Administration AAS (Emphasis in Business Management or Marketing)

Two-Year Associate of Applied Science Degree

The Business Administration AAS degree is offered to students seeking employment in occupations related to business functions such as management, marketing, retail, human resources, and sales. Technical core coursework in accounting, management, personal finance, business law, and computer applications is required, in addition to selection of either the emphasis in business management or the emphasis in marketing. All coursework required in this degree is available both in the traditional classroom and also online through distance education. Please note that schedules will vary based on which option you select.

The first year of the AAS degree program offers technical specialty coursework and completion of prerequisites. The second year covers a broad range of skills, including those necessary for diversification and upward mobility within the occupational area.

Business Management Emphasis

An emphasis in business management is most appropriate for students interested in general business management or ownership; it can lead to promotional opportunities for students already employed in a business occupation or with substantial background in that industry or management. This AAS is typically the best option for students who plan to continue their education and complete a bachelor's degree in business or a closely related area.

Marketing Emphasis

Coursework in marketing is most beneficial for students who are specifically interested in marketing-related occupations such as sales, advertising, retail management, purchasing, e-commerce, or other marketing functions. The AAS is typically the best option for students who plan to continue their education and complete a bachelor's degree in marketing.

Core Program Learning Outcomes

Upon successful completion of the program, students will be able to:

- Apply concepts, methods, and tools of management in an ethical manner to typical business operations.
- Explain the primary components of general business law, including the court system, contracts, principal/agent law, common business structures, and human resources activities as they relate to standard business operations.
- Analyze general accounting practices and apply them to the managerial accounting process.
- Demonstrate the ability to work effectively with others in a team environment.
- Explain marketing concepts as they relate to the primary functions and competitive advantage of a business or organization.
- Use technology and software applications effectively for common business operations.

In addition to the core program learning outcomes above, upon successful completion of the **business management emphasis**, students will be able to:

- Create components of a standard business plan, including financial, marketing, and other common business functions related to development and operation of a business entity.
- Use professional conduct that is appropriate for chosen technical area.

In addition to the core program learning outcomes above, upon successful completion of the **marketing emphasis**, students will be able to:

- Apply social media tools and strategies to business operations and general marketing strategies.
- Analyze the primary components of the retail mix as they relate to best practices in the retail and service industry.
- Demonstrate personal selling strategies using techniques that are considered effective in a particular industry.

Program Recommendations

Students interested in occupations related to general business, accounting, management, and marketing should work closely with their academic advisor to create a plan that addresses their specific career interests. Advanced training may be required for certain occupations, and transfer degrees may be more appropriate for students intending to further their education beyond KCC.

Program Requirements

Number of credit hours necessary for completion: **90**

Required Courses

Student Success

CGS 100 - College Survival & Success **3.00 credits**

Communications

Information Systems

- CAS 133 - Intro to Computing Skills **3.00 credits**
- CAS 133L - Intro to Computing Skills Lab **1.00 credit**

Oral Communications

- SPE 111 - Fundamentals of Speech **3.00 credits or**
- SPE 111M - Fundamentals of Speech **5.00 credits**

Writing

Students must select two courses in this requirement. **7.00 credits**

For information about placement in a writing course, please refer to the: [Writing Pathway](#).

- WRI 121 - English Composition I **4.00 credits or**
- WRI 121M - English Composition I **5.00 credits**
and
- BUS 214 - Business Communication **3.00 credits or**
- WRI 227 - Technical Communication **4.00 credits**

Computation

- Students must select one course in this requirement.
- For information about placement in a math course, please refer to the: [Math Curriculum Pathway](#).
- MTH 105 - Math in Society **4.00 credits**
- MTH 105M - Math in Society **5.00 credits**
- MTH 111 - College Algebra **5.00 credits**

Arts and Letters

- A minimum of three Arts and Letters credits are required from these options.

Recommended Courses

- PHL 209 - Business Ethics **3.00 credits**
- SPE 215 - Small Group Communication: Process & Theory **3.00 credits**

Additional Options

- **Arts and Letters course options**

Social Sciences

A minimum of three Social Sciences credits are required from these options.

Recommended Courses

- BUS 285 - Human Relations in Organizations **3.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**
- PSY 201A - General Psychology I **3.00 credits**
- PSY 201M - General Psychology I **5.00 credits**

Additional Options

- **Social Sciences Course Options**

Science / Math / Computer Science

Students must select two courses in the general education requirement. Students planning to transfer should work closely with their advisors to typically choose science with laboratories.
8.00 credits

Recommended Courses

- CIS 206 - Intro to Information Technology **3.00 credits**
- CIS 206L - Intro to Information Technology Lab **1.00 credit**
- CIS 275 - Database I **3.00 credits**
- CIS 275L - Database I Lab **1.00 credit**
- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credit**

Additional Options

- **Science / Math / Computer Science Additional Course Options**

Technical Core

- BUS 111 - Intro to Accounting **4.00 credits**
- BUS 206 - Management Fundamentals **3.00 credits or**
- BUS 206M - Management Fundamentals **5.00 credits**
- BUS 211 - Principles of Accounting I **4.00 credits**
- BUS 213 - Managerial Accounting **4.00 credits**
- BUS 218 - Personal Finance **3.00 credits**
- BUS 223 - Principles of Marketing **3.00 credits**
- BUS 226 - Business Law I **3.00 credits**
- CAS 170 - Spreadsheets **3.00 credits**
- **or**
- BUS 229 - Project Management Fundamentals **3.00 credits**
- **and**
- BUS 229L - Project Management Fundamentals Lab **1.00 credit**
- TEX 280 - Coop Work Exp: Seminar **1.00 credit**

Emphasis - Business Management

- BUS 101 - Intro to Business **4.00 credits**
- BUS 224 - Human Resource Management **3.00 credits**
- BUS 250 - Small Business Management **3.00 credits**

- BUS 280 - Coop Work Exp: Business **2.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits or**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**

Emphasis - Marketing

- BUS 233 - Social Media Marketing **3.00 credits**
- BUS 238 - Sales & Sales Management **3.00 credits**
- BUS 249 - Retailing **3.00 credits**
- BUS 261 - Consumer Behavior **3.00 credits**
- CIS 243 - E-Commerce **4.00 credits**

Business Management Emphasis Recommended Electives

Students must complete electives as required to bring the total number of credits to 90. The following courses are recommended, but any 100- or 200-level courses may be chosen as an elective.

- BUS 124 - Leadership Skills in Action **1.00 credit**
- BUS 150 - Intro to Entrepreneurship **3.00 credits**
- BUS 177 - Payroll Accounting **3.00 credits**
- BUS 178 - Customer Service Fundamentals **1.00 credit**
- BUS 203 - Intro to International Business **3.00 credits**
- BUS 212 - Principles of Accounting II **4.00 credits**
- BUS 228 - Computer Accounting Applications **3.00 credits**
- BUS 229 - Project Management Fundamentals **3.00 credits**
- BUS 229L - Project Management Fundamentals Lab **1.00 credit**
- BUS 233 - Social Media Marketing **3.00 credits**
- BUS 249 - Retailing **3.00 credits**
- BUS 261 - Consumer Behavior **3.00 credits**
- BUS 285 - Human Relations in Organizations **3.00 credits**
- CAS 122 - Keyboarding for Speed & Accuracy **3.00 credits**
- CAS 216 - Word Processing **3.00 credits**
- CGS 124 - Leadership Skills in Action **1.00 credit**
- CIS 135 - Mobile Web App Development **3.00 credits**
- CIS 135L - Mobile Web App Development Lab **1.00 credit**
- CIS 181J - CMS Website Creation **3.00 credits**
- CIS 181JL - CMS Website Creation Lab **1.00 credit**
- CIS 243 - E-Commerce **4.00 credits**
- HPE 207 - Stress Management **3.00 credits**
- HPE 295 - Health & Fitness for Life **3.00 credits**
- MMT 240 - Digital Photography & Photoshop **3.00 credits**
- MMT 240L - Digital Photography & Photoshop Lab **1.00 credit**
- MTH 243 - Statistics I **4.00 credits**

- MTH 244 - Statistics II **4.00 credits**
- PSY 244 - Research Methods **3.00 credits**

Marketing Emphasis Recommended Electives

Students must complete electives as required to bring the total number of credits to 90. The following courses are recommended, but any 100- or 200-level courses may be chosen as an elective.

- BUS 101 - Intro to Business **4.00 credits**
- BUS 124 - Leadership Skills in Action **1.00 credit**
- BUS 150 - Intro to Entrepreneurship **3.00 credits**
- BUS 178 - Customer Service Fundamentals **1.00 credit**
- BUS 212 - Principles of Accounting II **4.00 credits**
- BUS 214 - Business Communication **3.00 credits**
- BUS 229 - Project Management Fundamentals **3.00 credits**
- BUS 229L - Project Management Fundamentals Lab **1.00 credit**
- BUS 250 - Small Business Management **3.00 credits**
- BUS 280 - Coop Work Exp: Business **2.00 credits**
- BUS 285 - Human Relations in Organizations **3.00 credits**
- CGS 124 - Leadership Skills in Action **1.00 credit**
- CIS 135 - Mobile Web App Development **3.00 credits**
- CIS 135L - Mobile Web App Development Lab **1.00 credit**
- CIS 181J - CMS Website Creation **3.00 credits**
- CIS 181JL - CMS Website Creation Lab **1.00 credit**
- CIS 195 - Intro to Web Page Design **3.00 credits**
- CIS 195L - Intro to Web Page Design Lab **1.00 credit**
- MMT 240 - Digital Photography & Photoshop **3.00 credits**
- MMT 240L - Digital Photography & Photoshop Lab **1.00 credit**

Arts and Letters course options

- ART 102 - Intro to Art History: Visual Arts **3.00 credits**
- ART 115 - Basic Design: 2-D Black and White **3.00 credits**
- ART 116 - Basic Design: 2-D Color **3.00 credits**
- ART 117 - Basic Design: 3-D Foundations **3.00 credits**
- ART 131 - Intro to Drawing **3.00 credits**
- ART 154 - Ceramics I **3.00 credits**
- ART 211 - Modern Art History- 19th Century Art in Europe **3.00 credits**
- ART 212 - Modern Art History - Early 20th Century Art **3.00 credits**
- ART 213 - Modern Art History - Art Since 1945 **3.00 credits**
- ART 265 - Art for Teachers **3.00 credits**
- ART 281 - Painting **3.00 credits**
- ART 284 - Watercolor I **3.00 credits**

- ART 293 - Sculpture **3.00 credits**
- ENG 104 - Intro to Literature (Fiction) **3.00 credits**
- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**
- ENG 201 - Shakespeare's Early and Middle Works **3.00 credits**
- ENG 202 - Shakespeare's Late Works **3.00 credits**
- PHL 204M - Philosophy of Religion **5.00 credits**
- ENG 206 - Survey of English Literature 19th & 20th Century **3.00 credits**
- ENG 213 - Latin American Literature **3.00 credits**
- ENG 216 - Intro Lit Children and Young Adults **3.00 credits**
- ENG 220 - Intro to Non-European Literature **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENG 261 - Literature of Science Fiction **3.00 credits**
- ENG 275 - Bible as Literature **3.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**
- MUS 206 - History of Rock Music **3.00 credits**
- MUS 206M - History of Rock Music **5.00 credits**
- MUS 265 - Music for Teachers **3.00 credits**
- PHL 103 - Critical Thinking **3.00 credits**
- PHL 204 - Philosophy of Religion **3.00 credits**
- PHL 209 - Business Ethics **3.00 credits**
- SPA 101 - First Year Spanish I **4.00 credits**
- SPA 101M - First Year Spanish I **5.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPE 215 - Small Group Communication: Process & Theory **3.00 credits**
- WRI 241 - Creative Writing - Fiction Workshop **3.00 credits**
- WRI 242 - Creative Writing - Poetry Workshop **3.00 credits**

Social Sciences course options

- BUS 285 - Human Relations in Organizations **3.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**
- GEO 106 - Human Cultural Geography I **3.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- HST 201 - United States History I: Colonial Period to 1840 **3.00 credits**
- HST 201M - United States History I **5.00 credits**
- HST 202 - United States History II: 1840 to 1914 **3.00 credits**
- HST 203 - United States History III: 1914 to Present **3.00 credits**

- HST 203M - United States History II **5.00 credits**
- POL 201 - Intro to US Government **3.00 credits**
- POL 203 - State & Local Government **3.00 credits**
- PSY 101 - Psychology & Human Relations **3.00 credits**
- PSY 201A - General Psychology I **3.00 credits**
- PSY 201M - General Psychology I **5.00 credits**
- PSY 202A - General Psychology II **3.00 credits**
- PSY 202M - General Psychology II **5.00 credits**
- PSY 203A - General Psychology III **3.00 credits**
- PSY 225 - Abnormal Psychology I **3.00 credits**
- PSY 228 - Positive Psychology **4.00 credits**
- PSY 233 - Psychology of Violence and Aggression **4.00 credits**
- PSY 235 - Human Growth & Development I **3.00 credits**
- SOC 204 - General Sociology: Sociology in Everyday Life **3.00 credits**

Science / Math / Computer Science Additional Course Options

- BIO 101 - Biology I **3.00 credits**
- BIO 101L - Biology I Lab **1.00 credit**
- BIO 102 - Biology II **3.00 credits**
- BIO 102L - Biology II Lab **1.00 credit**
- BIO 103 - Biology III **3.00 credits**
- BIO 103L - Biology III Lab **1.00 credit**
- BIO 112 - Integrated Chemistry and Cell Biology for Health Occupations **3.00 credits**
- BIO 112L - Integrated Chemistry & Cell Biology for Health Occupations Lab **1.00 credit**
- BIO 211 - Principles of Biology 1 (Preprofessional) **4.00 credits**
- BIO 211L - Principles of Biology 1 Lab **1.00 credit**
- BIO 212 - Principles of Biology 2 (Preprofessional) **4.00 credits**
- BIO 212L - Principles of Biology 2 Lab **1.00 credit**
- BIO 213 - Principles of Biology 3 (Preprofessional) **4.00 credits**
- BIO 213L - Principles of Biology 3 Lab **1.00 credit**
- BIO 231 - Anatomy & Physiology I **3.00 credits**
- BIO 231L - Anatomy & Physiology I Lab **1.00 credit**
- BIO 232 - Anatomy & Physiology II **3.00 credits**
- BIO 232L - Anatomy & Physiology II Lab **1.00 credit**
- BIO 233 - Anatomy & Physiology III **3.00 credits**
- BIO 233L - Anatomy & Physiology III Lab **1.00 credit**
- BIO 234 - Microbiology I **4.00 credits**
- BIO 234L - Microbiology I Lab **1.00 credit**
- BIO 270 - Ecosystems **3.00 credits**
- BIO 270L - Ecosystems Lab **1.00 credit**
- CHE 104 - General Chemistry I **4.00 credits**
- CHE 104L - General Chemistry I Lab **1.00 credit**
- CHE 105 - General Chemistry II **4.00 credits**

- CHE 105L - General Chemistry II Lab **1.00 credit**
- CHE 106 - General Chemistry III **4.00 credits**
- CHE 106L - General Chemistry III Lab **1.00 credit**
- CIS 206 - Intro to Information Technology **3.00 credits**
- CIS 206L - Intro to Information Technology Lab **1.00 credit**
- CIS 275 - Database I **3.00 credits**
- CIS 275L - Database I Lab **1.00 credit**
- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credit**
- GEO 105 - Physical Geography **3.00 credits**
- GEO 105L - Physical Geography Lab **1.00 credit**
- GSC 107 - Physical Science (Astronomy) **3.00 credits**
- GSC 107L - Physical Science (Astronomy) Lab **1.00 credit**
- MTH 112 - Elementary Functions **4.00 credits**
- MTH 243 - Statistics I **4.00 credits**
- MTH 244 - Statistics II **4.00 credits**
- PHY 101 - Fundamentals of Physics I **3.00 credits**
- PHY 101L - Fundamentals of Physics I Lab **1.00 credit**
- PHY 102 - Fundamentals of Physics II **3.00 credits**
- PHY 102L - Fundamentals of Physics II Lab **1.00 credit**
- PHY 103 - Fundamentals of Physics III **3.00 credits**
- PHY 103L - Fundamentals of Physics III Lab **1.00 credit**
- PHY 201 - General Physics I (Algebra-based) **4.00 credits**
- PHY 201L - General Physics I Lab **1.00 credit**
- PHY 202 - General Physics II (Algebra-based) **4.00 credits**
- PHY 202L - General Physics II Lab **1.00 credit**
- PHY 203 - General Physics III (Algebra-based) **4.00 credits**
- PHY 203L - General Physics III Lab **1.00 credit**
- PHY 211 - General Physics I (Calculus-based) **4.00 credits**
- PHY 211L - General Physics I Lab **1.00 credit**


Fall Term 2022

On Campus Courses

ART 131.01	Intro to Drawing	T, R	1:00 – 3:50
BUS 111.01	Intro to Accounting	M, W	12:00 – 1:50
PSY 201A.01	General Psychology I (Prerequisite: WRI 121)	M, W, F	1:00 – 1:50
WRI 121.02	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better or placement into WRI 121) (Prerequisite for BUS 214)	M, T, W, R	1:00 – 1:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Intro to Computing Skills Lab (Recommended: WRI 095 and keyboarding by touch) (Prerequisite for BUS 214)		
BIO 103.01DE BIO 103L.01DE	Biology III Biology III Lab		
BUS 218.01DE	Personal Finance (Recommended: Placement into MTH 060 or MTH 070)		
CAS 170.01DE	Spreadsheets (Recommended: CAS 133 and MTH 020 or MTH 070 or MTH 095 or MTH 111 or placement into MTH 070) (This course is recommended for CAS 245 and a prerequisite for CAS 247)		
ENV 170.01DE ENV 170L.01DE	Environmental Science Environmental Science Lab (Recommended: Placement into WRI 095)		
HPE 295.01DE	Health & Fitness for Life		
MUS 206M.01DE	History of Rock Music (Prerequisite: WRI 121)		



PSY 201A.01DE General Psychology I
(**Prerequisite:** WRI 121)

SPA 101.01DE First Year Spanish I


Winter Term 2023

On Campus Courses

WRI 227.01	Technical Writing	T, R	1:00 – 2:50
	Prerequisite: WRI 121 with a grade of “B” or better or WRI 122 with a grade of “C” or better		

Online Courses

BUS 214.01DE	Business Communication (Prerequisites: CAS 133/L and WRI 121)
BUS 226.01DE	Business Law I (Prerequisite: WRI 121)
BUS 261.01DE	Consumer Behavior
BUS 285.01DE	Human Relations in Organizations
CIS 206.01DE	Intro to Information Technology (Prerequisite: CAS 133)
CIS 206L.01DE	Intro to Information Technology Lab
ECO 202.01DE	Principles of Economics: Macroeconomics (Recommended: Successful completion of MTH070 or above and WRI 121 placement)
ENG 104.01DE	Intro to Literature (Fiction) (Corequisite: WRI 121) Can be taken at the same time as WRI121
MTH 105.01DE	Math in Society (Prerequisites: MTH 065 or MTH 070 or MTH 095 or MTH 098 or placement into MTH 105 and WRI 095 or WRI 121 or placement into WRI 121)
MTH 111.01DE	College Algebra (Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111)
PHL 209.01DE	Business Ethics (Prerequisite: WRI 121)

- 
- PSY 235.01DE Human Growth & Development I
(**Recommended:** Previous coursework in psychology)
- SPE111.01DE Fundamentals of Speech
(**Prerequisite:** WRI 121)
- WRI 227.01DE Technical Communication
(**Prerequisite:** WRI 121 with a grade of “B” or better or WRI 122 with a grade of “C” or better)


Spring Term 2023

On Campus Courses

BIO 213.01HX	Principles of Biology 3 (Preprofessional)	M, W	10:00 – 11:50
BIO 213L.01	Principles of Biology 3 Lab	M	1:00 – 03:50
CHE 104.01HX	General Chemistry I	T, R	10:00 – 11:50
CHE 104L.01	General Chemistry I Lab	F	9:00 – 11:50
	(Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 121)		
SPE 111.01	Fundamentals of Speech	M, W	2:00 – 3:20
	(Prerequisite: WRI 121)		

Online Courses

BIO 213L.01DE	Principles of Biology 3 (Preprofessional) Lab		
CHE 104L.01DE	General Chemistry I Lab		
	(Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 121)		
BUS 101.01DE	Intro to Business		
BUS 214.01DE	Business Communication		
	(Prerequisites: CAS 133 and WRI 121)		
BUS 178.01DE	Customer Service Fundamentals		
BUS 249.01DE	Retailing		
ECO 201.01DE	Principles of Economics: Macroeconomics		
	(Recommended: Successful completion of MTH 070 or above and WRI 121 placement)		
ENG 106.01DE	Intro to Literature (Poetry)		
	(Prerequisite: WRI 121)		
HST 201M.01DE	United States History I		
	(Recommended: Placement scores at WRI 121)		
MMT 240.01DE	Digital Photography & Photoshop		
MMT 240L.01DE	Digital Photography & Photoshop Lab		

- 
- MTH 243.01DE Statistics I
(**Prerequisite:** MTH 095 with a grade of “C” or better or
MTH 105 with a grade of “C” or better **or** MTH 111 with a grade of
“C” **or** better **or** placement into MTH 111)
- SPE 111.01DE Fundamentals of Speech
(**Prerequisite:** WRI 121)
- WRI 227.01DE Technical Communication
(**Prerequisite:** WRI 121 with a grade of “B” **or** better **or** WRI 122
with a grade of “C” **or** better)

Criminal Justice AAS

Two-Year Associate of Applied Science Degree

This degree is offered to students interested in criminal justice and related careers. Students will gain exposure to a broad curriculum of criminal justice studies which stress both practical knowledge and theory.

Students will be academically qualified for positions requiring a two-year degree in fields such as law enforcement, corrections, and related fields. This degree may also prepare students for transfer to a four-year college or university for further study in criminal justice or a related field.

Program Learning Outcomes

Upon successful completion of the program, students will be able to:

- Explain the criminal justice system in terms of how various elements interact to accomplish the mission of the criminal justice system.
- Interpret case law and statutes pertaining to specific criminal justice roles.
- Describe the constitutional rights of citizens, offenders, and victims as they apply to state, federal, and procedural laws.
- Identify legal and moral responsibilities of criminal justice professionals as they relate to cultural diversity and establishing positive community relationships.
- Describe the dynamics of interviews and interrogations to as they relate to conducting effective investigations.
- Recognize behaviors that indicate substance abuse and/or mental health issues during encounters with individuals.

Program Requirement

Number of credit hours necessary for completion: **91**

Required Courses

Student Success

- CGS 100 - College Survival & Success **3.00 credits**

Communications

Information Systems

- CAS 133 - Intro to Computing Skills **3.00 credits**
- CAS 133L - Intro to Computing Skills Lab **1.00 credit**

Oral Communication

- SPE 111 - Fundamentals of Speech **3.00 credits or**
- SPE 111M - Fundamentals of Speech **5.00 credits**

Writing

For information about placement in a writing course, please refer to the: [Writing Pathway](#).

- WRI 121 - English Composition I **4.00 credits or**
- WRI 121M - English Composition I **5.00 credits**
- WRI 122 - English Composition II **4.00 credits or**
- WRI 122M - English Composition II **5.00 credits**
- WRI 227 - Technical Communication **4.00 credits**

Computation

Students must select one course in this general education requirement.

For information about placement in a math course, please refer to the: [Math Curriculum Pathway](#).

- MTH 105 - Math in Society **4.00 credits or**
- MTH 105M - Math in Society **5.00 credits or**
- MTH 111 - College Algebra **5.00 credits**

Arts and Letters

A minimum of three Arts and Letters credits are required from these options.

Additional Options

- **Arts and Letters course options**

Social Sciences

A minimum of three Social Sciences credits are required from these options.

Recommended course

- PSY 225 - Abnormal Psychology I **3.00 credits**
- PSY 226 - Abnormal Psychology II **3.00 credits**

Additional Options

- **Social Sciences Additional Course Options**

Science / Math / Computer Science

A minimum of eight Science/Math/Computer Science credits are required from these options.

Recommended Courses

- BIO 227 - Introduction to Forensic Science **3.00 credits**
- BIO 227L - Introduction to Forensic Science Lab **1.00 credit**
- BIO 240 - Forensic DNA Biology **3.00 credits**
- BIO 240L - Forensic DNA Biology Lab **1.00 credit**

Additional Options

- **Science / Math / Computer Science Additional Course Options**

Technical Core

- CJA 101 - Intro to Criminal Justice & Human Services Careers **3.00 credits**
- CJA 105 - Cultural Diversity in Criminal Justice Professions **3.00 credits**
- CJA 111 - Intro to Criminal Justice System - Police **3.00 credits**
- CJA 112 - Intro to Criminal Justice Systems - Courts **3.00 credits**
- CJA 113 - Intro to Criminal Justice Systems - Corrections **3.00 credits**
- CJA 210 - Arrest, Search & Seizure **3.00 credits**
- CJA 211 - Civil Liability & Ethics in Criminal Justice **3.00 credits**
- CJA 212 - Criminal Law **3.00 credits**
- CJA 214 - Criminal Investigation **3.00 credits**
- CJA 217 - Interviewing & Interrogation **3.00 credits**
- CJA 233 - Criminology **3.00 credits**
- CJA 243 - Narcotics & Dangerous Drugs **3.00 credits**
- CJA 280 - Coop Work Exp: Criminal Justice **3.00 credits**
- PSY 233 - Psychology of Violence and Aggression **4.00 credits**

Electives

Students must complete electives as required to bring the total number of credits to 91. The following courses are recommended, but any 100- or 200-level courses may be chosen as an elective.

- ADS 102 - Drug Use & Addiction **3.00 credits**
- ADS 150 - Basic Counseling & Addiction **3.00 credits**
- ADS 152 - Group Counseling & Addiction **3.00 credits**

- ADS 156 - Ethical & Professional Issues **3.00 credits**
- ADS 157 - Risk Assessment & Intervention **3.00 credits**
- ADS 158 - Introduction to Addiction Medication Assessment & Placement **3.00 credits**
- ADS 280 - Coop Work Exp: Addictions **3.00 credits**
- CJA 118 - Introduction to Peer Support Specialist **4.00 credits**
- CJA 120 - American Criminal Justice System **3.00 credits**
- CJA 213 - Evidence **3.00 credits**
- CJA 226 - Dynamics of Juvenile Behavior **3.00 credits**
- CJA 228 - Public Safety Writing **3.00 credits**
- CJA 233 - Criminology **3.00 credits**
- CJA 244 - Introduction to Behavioral Health Crisis Services **3.00 credits**
- CJA 263 - Introduction to Criminal Justice Case Management **4.00 credits**
- CJA 298 - Independent Study: Criminal Justice **3.00 credits**
- CJA 299 - Special Studies: Criminal Justice **3.00 credits**
- PSY 244 - Research Methods **3.00 credits**

Health and Wellness

Student must select one course in this requirement.

- HEA 125 - First Aid & Industrial Safety **3.00 credits**
- HEA 252 - First Aid Basics & Beyond **3.00 credits**
- HPE 207 - Stress Management **3.00 credits**
- HPE 225 - Nutrition **3.00 credits**
- HPE 295 - Health & Fitness for Life **3.00 credits**

Arts and Letters course options

- ART 102 - Intro to Art History: Visual Arts **3.00 credits**
- ART 115 - Basic Design: 2-D Black and White **3.00 credits**
- ART 116 - Basic Design: 2-D Color **3.00 credits**
- ART 117 - Basic Design: 3-D Foundations **3.00 credits**
- ART 131 - Intro to Drawing **3.00 credits**
- ART 154 - Ceramics I **3.00 credits**
- ART 211 - Modern Art History - 19th Century Art in Europe **3.00 credits**
- ART 212 - Modern Art History - Early 20th Century Art **3.00 credits**
- ART 213 - Modern Art History - Art Since 1945 **3.00 credits**
- ART 265 - Art for Teachers **3.00 credits**
- ART 281 - Painting **3.00 credits**
- ART 284 - Watercolor I **3.00 credits**
- ART 293 - Sculpture **3.00 credits**
- ENG 104 - Intro to Literature (Fiction) **3.00 credits**
- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**

- ENG 201 - Shakespeare's Early and Middle Works **3.00 credits**
- ENG 202 - Shakespeare's Late Works **3.00 credits**
- PHL 204M - Philosophy of Religion **5.00 credits**
- ENG 206 - Survey of English Literature 19th & 20th Century **3.00 credits**
- ENG 213 - Latin American Literature **3.00 credits**
- ENG 216 - Intro Lit Children and Young Adults **3.00 credits**
- ENG 220 - Intro to Non-European Literature **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENG 261 - Literature of Science Fiction **3.00 credits**
- ENG 275 - Bible as Literature **3.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**
- MUS 206 - History of Rock Music **3.00 credits**
- MUS 206M - History of Rock Music **5.00 credits**
- MUS 265 - Music for Teachers **3.00 credits**
- PHL 103 - Critical Thinking **3.00 credits**
- PHL 204 - Philosophy of Religion **3.00 credits**
- PHL 209 - Business Ethics **3.00 credits**
- SPA 101 - First Year Spanish I **4.00 credits**
- SPA 101M - First Year Spanish I **5.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPE 215 - Small Group Communication: Process & Theory **3.00 credits**
- WRI 241 - Creative Writing - Fiction Workshop **3.00 credits**
- WRI 242 - Creative Writing - Poetry Workshop **3.00 credits**

Social Sciences Additional Course Options

- ATH 101 - Intro to Physical Anthropology **3.00 credits**
- CJA 120 - American Criminal Justice System **3.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**
- GEO 106 - Human Cultural Geography I **3.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- HST 201 - United States History I: Colonial Period to 1840 **3.00 credits**
- HST 201M - United States History I **5.00 credits**
- HST 202 - United States History II: 1840 to 1914 **3.00 credits**
- HST 203 - United States History III: 1914 to Present **3.00 credits**
- HST 203M - United States History II **5.00 credits**
- POL 201 - Intro to US Government **3.00 credits**
- POL 203 - State & Local Government **3.00 credits**

- PSY 101 - Psychology & Human Relations **3.00 credits**
- PSY 201A - General Psychology I **3.00 credits**
- PSY 201M - General Psychology I **5.00 credits**
- PSY 202A - General Psychology II **3.00 credits**
- PSY 202M - General Psychology II **5.00 credits**
- PSY 203A - General Psychology III **3.00 credits**
- PSY 225 - Abnormal Psychology I **3.00 credits**
- PSY 226 - Abnormal Psychology II **3.00 credits**
- PSY 228 - Positive Psychology **4.00 credits**
- PSY 233 - Psychology of Violence and Aggression **4.00 credits**
- SOC 204 - General Sociology: Soc in Everyday Life **3.00 credits**

Science / Math / Computer Science Additional Course Options

- BIO 101 - Biology I **3.00 credits**
- BIO 101L - Biology I Lab **1.00 credit**
- BIO 102 - Biology II **3.00 credits**
- BIO 102L - Biology II Lab **1.00 credit**
- BIO 103 - Biology III **3.00 credits**
- BIO 103L - Biology III Lab **1.00 credit**
- BIO 112 - Integrated Chemistry and Cell Biology for Health Occupations **3.00 credits**
- BIO 112L - Integrated Chemistry & Cell Biology for Health Occupations Lab **1.00 credit**
- BIO 211 - Principles of Biology 1 (Preprofessional) **4.00 credits**
- BIO 211L - Principles of Biology 1 Lab **1.00 credit**
- BIO 212 - Principles of Biology 2 (Preprofessional) **4.00 credits**
- BIO 212L - Principles of Biology 2 Lab **1.00 credit**
- BIO 213 - Principles of Biology 3 (Preprofessional) **4.00 credits**
- BIO 213L - Principles of Biology 3 Lab **1.00 credit**
- BIO 227 - Introduction to Forensic Science **3.00 credits**
- BIO 227L - Introduction to Forensic Science Lab **1.00 credit**
- BIO 231 - Anatomy & Physiology I **3.00 credits**
- BIO 231L - Anatomy & Physiology I Lab **1.00 credit**
- BIO 232 - Anatomy & Physiology II **3.00 credits**
- BIO 232L – Anatomy & Physiology II Lab **1.00 credit**
- BIO 233 - Anatomy & Physiology III **3.00 credits**
- BIO 233L - Anatomy & Physiology III Lab **1.00 credit**
- BIO 234 - Microbiology I **4.00 credits**
- BIO 234L - Microbiology I Lab **1.00 credit**
- BIO 240 - Forensic DNA Biology **3.00 credits**
- BIO 240L - Forensic DNA Biology Lab **1.00 credit**
- CHE 104 - General Chemistry I **4.00 credits**
- CHE 104L - General Chemistry I Lab **1.00 credit**
- CHE 105 - General Chemistry II **4.00 credits**
- CHE 105L - General Chemistry II Lab **1.00 credit**

- CHE 106 - General Chemistry III **4.00 credits**
- CHE 106L - General Chem III Lab **1.00 credit**
- CHE 240 - Forensic Chemistry **3.00 credits**
- CHE 240L - Forensic Chemistry Lab **1.00 credit**
- CIS 206 - Intro to Information Technology **3.00 credits**
- CIS 206L - Intro to Information Technology Lab **1.00 credit**
- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credit**
- GEO 105 - Physical Geography **3.00 credits**
- GEO 105L - Physical Geography Lab **1.00 credit**
- GSC 107 - Physical Science (Astronomy) **3.00 credits**
- GSC 107L - Physical Science (Astronomy) Lab **1.00 credit**
- MTH 243 - Statistics I **4.00 credits**
- PHY 101 - Fundamentals of Physics I **3.00 credits**
- PHY 101L - Fundamentals of Physics I Lab **1.00 credit**
- PHY 102 - Fundamentals of Physics II **3.00 credits**
- PHY 102L - Fundamentals of Physics II Lab **1.00 credit**
- PHY 103 - Fundamentals of Physics III **3.00 credits**
- PHY 103L - Fundamentals of Physics III Lab **1.00 credit**

Fall Term 2022

On Campus Courses

ART 131.01	Intro to Drawing	M, W	1:00 – 3:50
CJA 101.01	Intro to Criminal Justice & Human Services	T, R	2:30 – 3:50
WRI 121.02	English Composition I (Prerequisite: WRI095 with a grade of “C” or better placement into WRI 121)	M, T, W, R	1:00 – 1:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Intro to Computing Skills Lab (Recommended: WRI 095 and keyboarding by touch) (Prerequisite for BUS 214)		
BIO 103.01DE BIO 103 I.01DE	Biology III Biology III Lab		
ENV 170.01DE ENV 170L.01DE	Environmental Science Environmental Science Lab (Recommended: Placement into WRI 095)		
HPE 295.01DE	Health & Fitness for Life		
HST 101.01DE	Western Civilization I (Recommended: WRI 121 Placement)		
MTH 111.01DE	College Algebra (Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111)		
PSY 233.01DE	Psychology of Violence & Aggression (Prerequisite: WRI 121 or Placement into WRI 121)		
WRI 121.02DE	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better or placement into WRI 121)		

Winter Term 2023

On Campus Courses

BIO 212.01HX	Principles of Biology II (Pre-professional) M, W (Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 095 or WRI 121 or placement into WRI 121)	10:00 – 11:50
BIO 212L.01	Principles of Biology II (Pre-professional) W	1:00 – 3:50

Online Courses

ART 213.01DE	Modern Art History – Art Since 1945 (Recommended: WRI 121 placement)	
BIO 112.01DE	Integrated Chemistry and Cell Biology (Recommended: MTH 070 or MTH 095 or MTH 111 or placement into MTH 070)	
BIO 112L.01DE	Integrated Chemistry and Cell Biology Lab	
BIO 212I.01DE	Principles of Biology II (Pre-professional) Lecture is available in person and/or through Distance Education (HX) Lab is available in person and online	
CJA 111.01DE	Intro to Criminal Justice Police	
CJA 112.01DE	Intro to Criminal Justice Courts	
ECO 202.01DE	Principles of Economics: Macroeconomics (Recommended: Successful completion of MTH 070 or above and WRI 121 placement)	
ENG 104.01DE	Intro to Literature (Fiction) (Corequisite: WRI 121) Can be taken at the same time as WRI121	
HPE 225.01DE	Nutrition	
PHL 103.01DE	Critical Thinking (Prerequisite: WRI 095 or WRI 121 or placement into WRI 121)	



PHL 209.01DE Business Ethics
(Prerequisite: WRI 121)

PSY 201A.01DE General Psychology I
(Prerequisite: WRI 121)

Spring Term 2023

On Campus Courses

BIO 213.01HX	Principles of Biology 3 (Preprofessional)	M, W	10:00 – 11:50
BIO 213L.01	Principles of Biology 3 Lab	M	1:00 – 03:50
SPE 111.01DE	Fundamentals of Speech (Prerequisite: WRI 121)	M, W	2:00 – 3:20

Online Courses

BIO 213L.01DE	Principles of Biology 3 (Preprofessional) Lab		
CJA 113.01DE	Intro to Criminal Justice Systems – Corrections		
ECO 201.01DE	Principles of Economics: Macroeconomics (Recommended: Successful completion of MTH 070 or above and WRI 121 placement)		
ENG 106.01DE	Intro to Literature (Poetry) (Prerequisite: WRI 121)		
HST 201M.01DE	United States History I (Recommended: Placement scores at WRI 121)		
MTH 105.01DE	Math in Society (Prerequisites: MTH 065 or MTH 070 or MTH095 or MTH 098 or placement into MTH 105 and WRI 095 or WRI 121 or placement into WRI 121)		
MTH 243.01DE	Statistics I (Prerequisite: MTH 095 with a grade of “C” or better or MTH 105 with a grade of “C” or better or MTH 111 with a grade of “C” or better or placement into MTH 111)		
PSY 201M.01DE	General Psychology I (Prerequisite: WRI 121)		
PSY 225.01DE	Abnormal Psychology I (Prerequisite: WRI 121)		
SPE 111.01DE	Fundamentals of Speech (Prerequisite: WRI 121)		

Cyber Security and Networking

Two-Year Associate of Applied Science Degree

The Cybersecurity and Networking AAS degree is designed for new students and existing professionals who would like to acquire technical training in information system support and administration with an emphasis on cybersecurity techniques. This program is designed to help students earn industry-recognized, third-party certifications in hardware, software, networking, and cybersecurity. The program includes an internship with a local company's information system (IS) department to add real job experience to the degree holder's resume.

Students who pursue this degree will have a strong foundation in hardware, software, networks, computer languages, embedded systems (robotics) as well as a solid background in cybersecurity skills such as perimeter defense design, business continuity and disaster recovery, penetration testing, and ethical hacking. The curriculum will familiarize students with the theory and application of computer technology while offering an intensive, hands-on experience working with networks, hardware, software, embedded systems, and cybersecurity in a state-of-the-art computer lab facility.

A degree holder will have the additional benefit of being amply prepared for entry-level jobs in information systems support including technician positions involving a network environment in need of on-the-site cybersecurity monitoring. Work in the field of cybersecurity and network support includes the following: wired and wireless network design and administration, server management, robotic systems design, security design and administration.

Career opportunities for students who wish to enter the workforce immediately upon graduation include network systems support technician, computer user support technician, and network and systems administrator with cybersecurity skills.

Program Learning Outcomes

Upon successful completion of the program, students will be able to:

- Identify, test, and install PC hardware and PC software
- Connect network hardware and configure network software in a server system
- Talk to nontechnical end-users and provide high customer service to all end users
- Analyze security issues and apply them to network design problems
- Perform necessary 'white hat' attacks on a network to assess vulnerabilities
- Acquire the necessary fundamentals of the C++ programming language for solving complex program problems
- Understand the fundamentals of design and implementation of embedded system

Program Requirements

Number of credit hours necessary for completion: **96**

Required Courses

Student Success

- CGS 100 - College Survival & Success **3.00 credits**

Communications

Writing

For information about placement in a writing course, please refer to the: [Writing Pathway](#).

- WRI 121 - English Composition I **4.00 credits** or
- WRI 121M - English Composition I **5.00 credits**
and
- WRI 122 - English Composition II **4.00 credits** or
- WRI 122M - English Composition II **5.00 credits**
or
- WRI 227 - Technical Communication **4.00 credits**

Computation

For information about placement in a math course, please refer to the: [Math Curriculum Pathway](#).

- MTH 105 - Math in Society **4.00 credits** or
- MTH 105M - Math in Society **5.00 credits**
or
- MTH 111 - College Algebra **5.00 credits**

Arts and Letters

A minimum of three Arts and Letters credits are required from these options.

Recommended Course

- PHL 209 - Business Ethics **3.00 credits**

Additional Options

- Arts and Letters course options

Social Sciences

A minimum of three Social Sciences credits are required from these options.

Additional Options

- **Social Sciences course options**

Science/Math/Computer Science

- CIS 275 - Database I **3.00 credits**
- CIS 275L - Database I Lab **1.00 credit**

Technical Core

- CIS 116 - C++ Programming I **3.00 credits**
- CIS 116L - C++ Programming I Lab **1.00 credit**
- CIS 120 - Embedded C **3.00 credits**
- CIS 120L - Embedded C Lab **1.00 credit**
- CIS 126 - C++ Programming II **3.00 credits**
- CIS 126L - C++ Programming II Lab **1.00 credit**
- CIS 130 - Computer Organization **3.00 credits**
- CIS 131 - Computer Architecture **3.00 credits**
- CIS 140 - Linux Fundamentals **3.00 credits**
- CIS 140L - Linux Fundamentals Lab **1.00 credit**
- CIS 142 - Introduction to Programming C# **3.00 credits**
- CIS 142L - Introduction to Programming C# Lab **1.00 credit**
- CIS 145 - Hardware Installation Support **3.00 credits**
- CIS 145L - Hardware Installation Support Lab **1.00 credit**
- CIS 146 - Software Installation Support **3.00 credits**
- CIS 146L - Software Installation Support Lab **1.00 credit**
- CIS 151 - Network I **3.00 credits**
- CIS 151L - Network I Lab **1.00 credit**
- CIS 152 - Network II **3.00 credits**
- CIS 152L - Network II Lab **1.00 credit**
- CIS 153 - Scaling Networks **3.00 credits**
- CIS 153L - Scaling Networks Lab **1.00 credit**
- CIS 162 - Digital Logic Design **3.00 credits**
- CIS 162L - Digital Logic Design Lab **1.00 credit**

- CIS 279 - Network Operating Systems **3.00 credits**
- CIS 279L - Network Operating Systems Lab **1.00 credit**
- CIS 280 - Coop Work Experience: Computer Technology Engineer **2.00 credits**
- CIS 281 - Coop Work Experience: Computer Technology Engineer **2.00 credits**
- CIS 284 - Network Security Fundamentals **3.00 credits**
- CIS 284L - Network Security Fundamentals Lab **1.00 credit**
- CIS 285 - Cybersecurity Operations **3.00 credits**
- CIS 285L - Cybersecurity Operations Lab **1.00 credit**
- CIS 286 - Ethical Hacking **3.00 credits**
- CIS 286L - Ethical Hacking Lab **1.00 credit**
- TEX 280 - Coop Work Exp: Seminar **1.00 credit**
-

Arts and Letters course options

- ART 102 - Intro to Art History: Visual Arts **3.00 credits**
- ART 115 - Basic Design: 2-D Black and White **3.00 credits**
- ART 116 - Basic Design: 2-D Color **3.00 credits**
- ART 117 - Basic Design: 3-D Foundations **3.00 credits**
- ART 131 - Intro to Drawing **3.00 credits**
- ART 154 - Ceramics I **3.00 credits**
- ART 211 – Modern Art Hist - 19th Century Art in Europe **3.00 credits**
- ART 212 - Modern Art Hist - Early 20th Century Art **3.00 credits**
- ART 213 - Modern Art Hist - Art Since 1945 **3.00 credits**
- ART 265 - Art for Teachers **3.00 credits**
- ART 281 - Painting **3.00 credits**
- ART 284 - Watercolor I **3.00 credits**
- ART 293 - Sculpture **3.00 credits**
- ENG 104 - Intro to Literature (Fiction) **3.00 credits**
- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**
- ENG 201 - Shakespeare's Early and Middle Works **3.00 credits**
- ENG 202 - Shakespeare's Late Works **3.00 credits**
- PHL 204M - Philosophy of Religion **5.00 credits**
- ENG 206 - Survey of English Literature 19th & 20th Century **3.00 credits**
- ENG 213 - Latin American Literature **3.00 credits**
- ENG 216 - Intro Lit Children and Young Adults **3.00 credits**
- ENG 220 - Intro to Non-European Literature **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENG 261 - Literature of Science Fiction **3.00 credits**
- ENG 275 - Bible as Literature **3.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**
- MUS 206 - History of Rock Music **3.00 credits**
- MUS 206M - History of Rock Music **5.00 credits**

- MUS 265 - Music for Teachers **3.00 credits**
- PHL 103 - Critical Thinking **3.00 credits**
- PHL 204 - Philosophy of Religion **3.00 credits**
- PHL 209 - Business Ethics **3.00 credits**
- SPA 101 - First Year Spanish I **4.00 credits**
- SPA 101M - First Year Spanish I **5.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPE 215 - Small Group Communication: Process & Theory **3.00 credits**
- WRI 241 - Creative Writing - Fiction Workshop **3.00 credits**
- WRI 242 - Creative Writing - Poetry Workshop **3.00 credits**

Social Sciences course options

- BUS 285 - Human Relations in Organizations **3.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**
- GEO 106 - Human Cultural Geography I **3.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- HST 201 - United States History I: Colonial Period to 1840 **3.00 credits**
- HST 201M - United States History I **5.00 credits**
- HST 202 - United States History II: 1840 to 1914 **3.00 credits**
- HST 203 - United States History III: 1914 to Present **3.00 credits**
- HST 203M - United States History II **5.00 credits**
- POL 201 - Intro to US Government **3.00 credits**
- POL 203 - State & Local Government **3.00 credits**
- PSY 101 - Psychology & Human Relations **3.00 credits**
- PSY 201A - General Psychology I **3.00 credits**
- PSY 201M - General Psychology I **5.00 credits**
- PSY 202A - General Psychology II **3.00 credits**
- PSY 202M - General Psychology II **5.00 credits**
- PSY 203A - General Psychology III **3.00 credits**
- PSY 225 - Abnormal Psychology I **3.00 credits**
- PSY 228 - Positive Psychology **4.00 credits**
- PSY 233 - Psychology of Violence and Aggression **4.00 credits**
- PSY 235 - Human Growth & Development I **3.00 credits**
- SOC 204 - General Sociology: Sociology in Everyday Life **3.00 credits**

Fall Term 2022

On Campus Courses

ART 131.01	Intro to Drawing	T, R	1:00 – 3:50
CIS 116.01	C++Programming I	M, W, F	4:00 - 4:50
CIS 116L.01	C++ Programming I Lab	T, R	4:00 – 5:20
CIS 145.01	Hardware Installation Support	M, W, F	11:00 – 11:50
CIS145L.01	Hardware Installation Support Lab	M, W, F	12:00 – 12:50
PSY 201A.01	General Psychology I (Prerequisite: WR I121)	M, W, F	1:00 – 1:50
WRI 121.02	English Composition I (Prerequisite: WRI095 with a grade of “C” or better placement into WRI 121)	M, T, W, R	1:00 – 1:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE	Intro to Computing Skills		
CAS 133L.03DE	Intro to Computing Skills Lab		
ECO 201.01DE	Principles of Economics: Microeconomics (Recommended: Successful completion of MTH 070 or above and WRI 121 placement)		
HST 101.01DE	Western Civilization I (Recommended WRI 121 Placement)		
MTH 111.01DE	College Algebra (Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111)		
PSY 235.01DE	Human Growth & Development I		
SPA 101.01DE	First Year Spanish I		

Winter Term 2023

On Campus Courses

CIS 126.01	C++Programming II (Prerequisites: CIS 116 with a grade of “c” or better)	M, W, F	4:00 – 4:50
CIS 206L.01	C++Programming II Lab	T, R	4:00 – 5:20
WRI122.02	English Composition II (Prerequisite: WRI 121 with a grade of “C” or better)	T, R	1:00 – 2:50
WRI 227.01	Technical Writing Prerequisite: WRI 121 with a grade of “B” or better or WRI 122 with a grade of “C” or better	T, R	1:00 – 2:50

Online Courses

HST 101.01DE	Western Civilization I (Recommended WRI 121 Placement)		
MTH 111.01DE	College Algebra (Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111)		
MUS 206M.01DE	History of Rock Music (Prerequisite: WRI 121)		
PHL 103.01DE	Critical Thinking (Prerequisite: WRI 095 or WRI 121 or placement into WRI 121)		
PHL 209.01DE	Business Ethics (Prerequisite: WRI 121)		
PSY 235.01DE	Human Growth & Development I		
WRI 122.01DE	English Composition II (Prerequisite: WRI 121 with a grade of “C” or better)		
WRI 227.01DE	Technical Communication (Prerequisite: WRI 121 with a grade of “B” or better or WRI 122 with a grade of “C” or better)		

Spring Term 2023

On Campus Courses

MTH 111.01 College Algebra M, T, W, R 1:00 – 2:15
(**Prerequisite:** MTH 095 with a grade of “C” or better or placement into MTH 111)

Online Courses

ART 213.01DE Modern Art History – Art Since 1945)
(**Recommended:** WRI 121)

ECO 201.01DE Principles of Economics: Microeconomics
(**Recommended: Successful completion** of MTH 070 or above **and** WRI 121 placement)

ENG 106.01DE Intro to Literature (Poetry)
Recommended: 100–level reading and WRI121

ENG 213.01DE Latin American Literature
(**Prerequisite:** WRI 121)

GEO 107.01DE Human Cultural Geography II
(**Recommended:** WRI 121 Placement)

HPE 225.01DE Nutrition

HST 101.01DE Western Civilization I
(**Recommended:** WRI 121 Placement)

MTH 111.01DE College Algebra
(**Prerequisite:** MTH 095 with a grade of “C” or better or placement into MTH 111)

PSY 233.01 Psychology of Violence and Aggression
(**Prerequisite:** WRI 121 or placement into WRI 121)

PSY 235.01DE Human Growth & Development I

Digital Media Design AAS

Two-Year Associate of Applied Science Degree

Digital technology jobs are fast becoming a major career pathway with new opportunities being created daily. This program prepares multimedia and web design technicians with broad-based, entry-level media and communications skills for a variety of industries and agencies. The program's leading-edge courses prepare students to be competitive and job ready in a number of settings. Examples include video and media production, graphics, web and mobile app design, mobile game development, and website design and development.

Industry certifications are also available for students to earn professional awards from Adobe in Photoshop, Illustrator, and Dreamweaver programming as well as Certified Internet Web Professional (CIW) website design awards.

Our 15 core media technology courses include in-demand job specialties such as code development for state-of-the-art responsive website design, mobile web apps, e-commerce, social media marketing, mobile gaming development, 3D and augmented reality, video production and editing, design graphics, digital drawing, multimedia project management, and opportunities to work in business and industry sponsored internships. This experience and knowledge provide graduates the skills they need to be competitive for employment.

This program will be attractive to traditional students expecting to transfer to a four-year institution, non-traditional and adult students who are learning new media skills to enhance their employability, and individuals wanting to update their knowledge and learn current best practices for new technology jobs and prepare for advancement with current employers.

Program Learning Outcomes

Upon successful completion of the program, students will be able to:

- Produce digital and interactive projects in a variety of media.
- Develop websites with HTML, CSS, and content management systems.
- Design applications that include multiple forms of media such as text, graphics, audio, video, and animation.
- Manipulate variables with computer software applications.
- Apply visual design strategies to interactive multimedia projects.
- Use social media to connect with customers and improve business performance.

Program Requirements

Number of credit hours necessary for completion: **90**

Required Courses

Student Success

- CGS 100 - College Survival & Success **3.00 credits**

Communications

Oral Communications

- SPE 111 - Fundamentals of Speech **3.00 credits** or
- SPE 111M - Fundamentals of Speech **5.00 credits**

Writing

For information about placement in a writing course, please refer to the: Writing Pathway.

- WRI 121 - English Composition I **4.00 credits** or
- WRI 121M - English Composition I **5.00 credits**
and
- WRI 122 - English Composition II **4.00 credits** or
- WRI 122M - English Composition II **5.00 credits**
or
- WRI 227 - Technical Communication **4.00 credits**

Computation

For information about placement in a math course, please refer to the: [Math Curriculum Pathway](#) .

- MTH 111 - College Algebra **5.00 credits**

Arts and Letters

A minimum of six Arts and Letters credits are required from these options.

Recommended courses

- ART 115 - Basic Design: 2-D Black and White **3.00 credits**
- ART 117 - Basic Design: 3-D Foundations **3.00 credits**
- ART 131 - Intro to Drawing **3.00 credits**

Additional Options

- **Arts and Letters course options**

Social Sciences

A minimum of three Social Sciences credits are required from these options.

Additional Option

- **Social Sciences course options**

Science/Math/Computer Science

- CIS 206 - Intro to Information Technology **3.00 credits**
- CIS 206L - Intro to Information Technology Lab **1.00 credit**

Technical Core

- BUS 233 - Social Media Marketing **3.00 credits**
- CIS 135 - Mobile Web App Development **3.00 credits**
- CIS 135L - Mobile Web App Development Lab **1.00 credit**
- CIS 181J - CMS Website Creation **3.00 credits**
- CIS 181JL - CMS Website Creation Lab **1.00 credit**
- CIS 195 - Intro to Web Page Design **3.00 credits**
- CIS 195L - Intro to Web Page Design Lab **1.00 credit**
- CIS 196 - Intermediate/Adv Web Development - HTML5 **3.00 credits**
- CIS 196L - Intermediate/Adv Web Dev - HTML5 Lab **1.00 credit**
- CIS 297 - Capstone **3.00 credits**
- MMT 239 - Digital Drawing/Adobe Illustrator **3.00 credits**
- MMT 239L - Digital Draw/Adobe Illustrator Lab **1.00 credits**
- MMT 240 - Digital Photography & Photoshop **3.00 credits**
- MMT 240L - Digital Photography & Photoshop Lab **1.00 credit**
- MMT 241 - Graphic Design for the Web **3.00 credits**
- MMT 241L - Graphic Design for the Web Lab **1.00 credit**
- MMT 260 - Video Production I **3.00 credits**
- MMT 260L - Video Production I Lab **1.00 credit**
- MMT 261 - Advanced Video Editing **3.00 credits**
- MMT 261L - Advanced Video Editing Lab **1.00 credit**

Electives

Students must complete electives as required to bring the total number of credits to **90**.

- CIS 111 - Digital Game Development I **3.00 credits**
- CIS 111L - Digital Game Development I Lab **1.00 credit**
- CIS 211 - Digital Game Development II **3.00 credits**
- CIS 211L - Digital Game Development II Lab **1.00 credit**
- CIS 243 - E-Commerce **4.00 credits**
- CIS 245 - Multimedia Project Management **3.00 credits**

- CIS 245L - Multimedia Project Management Lab **1.00 credit**
- MMT 271 - Exploring Device-Based Augmented Reality **3.00 credits**
- MMT 272 - Advanced Cloud-Based Augmented Reality **3.00 credits**
- MMT 273 - Building Virtual Reality Applications **3.00 credits**
- MMT 296 - Community Project-Based Learning **3.00 credits**

Arts and Letters course options

- ART 102 - Intro to Art History: Visual Arts **3.00 credits**
- ART 115 - Basic Design: 2-D Black and White **3.00 credits**
- ART 116 - Basic Design: 2-D Color **3.00 credits**
- ART 117 - Basic Design: 3-D Foundations **3.00 credits**
- ART 131 - Intro to Drawing **3.00 credits**
- ART 154 - Ceramics I **3.00 credits**
- ART 211 - Modern Art Hist - 19th Century Art in Europe **3.00 credits**
- ART 212 - Modern Art Hist - Early 20th Century Art **3.00 credits**
- ART 213 - Modern Art Hist - Art Since 1945 **3.00 credits**
- ART 265 - Art for Teachers **3.00 credits**
- ART 281 - Painting **3.00 credits**
- ART 284 - Watercolor I **3.00 credits**
- ART 293 - Sculpture **3.00 credits**
- ENG 104 - Intro to Literature (Fiction) **3.00 credits**
- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**
- ENG 201 - Shakespeare's Early and Middle Works **3.00 credits**
- ENG 202 - Shakespeare's Late Works **3.00 credits**
- PHL 204M - Philosophy of Religion **5.00 credits**
- ENG 206 - Survey of English Literature 19th & 20th Century **3.00 credits**
- ENG 213 - Latin American Literature **3.00 credits**
- ENG 216 - Intro Lit Children and Young Adults **3.00 credits**
- ENG 220 - Intro to Non-European Literature **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENG 261 - Literature of Science Fiction **3.00 credits**
- ENG 275 - Bible as Literature **3.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**
- MUS 206 - History of Rock Music **3.00 credits**
- MUS 206M - History of Rock Music **5.00 credits**
- MUS 265 - Music for Teachers **3.00 credits**
- PHL 103 - Critical Thinking **3.00 credits**
- PHL 204 - Philosophy of Religion **3.00 credits**
- PHL 209 - Business Ethics **3.00 credits**
- SPA 101 - First Year Spanish I **4.00 credits**
- SPA 101M - First Year Spanish I **5.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPE 215 - Small Group Communication: Process & Theory **3.00 credits**
- WRI 241 - Creative Writing - Fiction Workshop **3.00 credits**

- WRI 242 - Creative Writing - Poetry Workshop **3.00 credits**

Social Sciences course options

- BUS 285 - Human Relations in Organizations **3.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**
- GEO 106 - Human Cultural Geography I **3.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- HST 201 - United States History I: Colonial Period to 1840 **3.00 credits**
- HST 201M - United States History I **5.00 credits**
- HST 202 - United States History II: 1840 to 1914 **3.00 credits**
- HST 203 - United States History III: 1914 to Present **3.00 credits**
- HST 203M - United States History II **5.00 credits**
- POL 201 - Intro to US Government **3.00 credits**
- POL 203 - State & Local Government **3.00 credits**
- PSY 101 - Psychology & Human Relations **3.00 credits**
- PSY 201A - General Psychology I **3.00 credits**
- PSY 201M - General Psychology I **5.00 credits**
- PSY 202A - General Psychology II **3.00 credits**
- PSY 202M - General Psychology II **5.00 credits**
- PSY 203A - General Psychology III **3.00 credits**
- PSY 225 - Abnormal Psychology I **3.00 credits**
- PSY 228 - Positive Psychology **4.00 credits**
- PSY 233 - Psychology of Violence and Aggression **4.00 credits**
- PSY 235 - Human Growth & Development I **3.00 credits**
- SOC 204 - General Sociology: Soc in Everyday Life **3.00 credits**


Fall Term 2022

On Campus Courses

ART 131.01	Intro to Drawing	T, R	1:00 – 3:50
PSY 233.01	Psychology of Violence & Aggression (Prerequisite: WRI 121 or placement into WRI 121)	T, R	2:00 – 3:50
WRI 121.02	English Composition I (Prerequisite: WRI095 with a grade of “C” or better placement into WRI 121)	M, T, W, R	1:00 – 1:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Intro to Computing Skills Lab (Recommended: WRI 095 and keyboarding by touch)		
BUS 233.01DE	Social Media Marketing		
CIS 135.01DE CIS 135L.01DE	Mobile Webb App Development Mobile Webb App Development Lab		
CIS 206.01DE CIS206L.01DE	Intro to Information Technology Intro to Information Technology Lab (Prerequisite: CAS 133)		
HST 101.01DE	Western Civilization I (Recommended: WRI 121 Placement)		
MMT 239.01DE MMT 239L.01DE	Digital Drawing/Adobe Illustrator (Recommended: ART 131) Digital Drawing /Adobe Illustrator Lab		
MMT 240.01DE MMT 240L.01DE	Digital Photography & Photoshop Digital Photography & Photoshop Lab		
MMT 260.01DE MMT 260L.01DE	Video Production I Video Production I Lab (Recommended: MMT 240)		

- 
- MTH 111.01DE College Algebra
(**Prerequisite:** MTH 095 with a grade of “C” or better or placement into MTH 111)
- MUS 206M.01DE History of Rock Music
(**Prerequisite:** WRI 121)
- WRI 121.02DE English Composition I
(**Prerequisite:** WRI 095 with a grade of “C” or better or placement into WRI 121)


Winter Term 2023

On Campus Courses

ART 115.01	Basic Design: 2-D Black and White	T, R	1:00 – 3:50
WRI 122.02	English Composition II	T, R	1:00 – 2:50
WRI 227.01	Technical Writing Prerequisite: WRI 121 with a grade of “B” or better or WRI 122 with a grade of “C” or better	T, R	1:00 – 2:50

Online Courses

BUS 285.01DE	Human Relations in Organizations		
CIS1 95.01DE	Intro to Web Page Design (Prerequisite: CAS 133)		
CIS 195L.01DE	Intro to Web Page Design Lab		
ECO 202.01DE	Principles of Economics: Macroeconomics (Recommended: Successful completion of MTH 070 or above and WRI 121 placement)		
ENG 104.01DE	Intro to Literature (Fiction) (Corequisite: WRI 121) Can be taken at the same time as WRI 121		
MMT 241.01DE	Graphic Design for the Web (Recommended: Completion of MMT 239 and MMT 240)		
MMT 241L.01DE	Graphic Design for the Web Lab		
MMT 261.01DE	Advanced Video Editing (Prerequisites: MMT 260)		
MMT 261L.01DE	Advanced Video Editing Lab		
PHL 103.01DE	Critical Thinking (Prerequisite: WRI 095 or WRI121 or placement into WRI1 21)		
PSY 201A.01DE	General Psychology I (Prerequisite: WRI 121)		
PSY 235.01DE	Human Growth & Development I (Recommended: Previous coursework in psychology)		

- 
- SPE111.01DE Fundamentals of Speech
(Prerequisite: WRI 121
- WRI 122.01DE English Composition II
(Prerequisite: WRI 121 with a grade of “C” or better)
- WRI 227.01DE Technical Communication
(Prerequisite: WRI 121 with a grade of “B” or better or WRI 122 with a grade of “C” or better)

Spring Term 2023

On Campus Courses

SPE 111.01 Fundamentals of Speech M, W 2:00 – 3:20

Online Courses

CIS 196.01DE Intro to Web Page Design
CIS 196L.01DE Intro to Web Page Design Lab
(**Prerequisite:** CAS 133)

ENG 106.01DE Intro to Literature (Poetry)
(**Prerequisite:** WRI 121)

HST 201M.01DE United States History I
(**Recommended:** Placement scores at WRI 121)

PSY 233.01DE Psychology of Violence & Aggression
Prerequisite: WRI 121 or placement into WRI 121)

SPE 111.01DE Fundamentals of Speech
(**Prerequisite:** WRI 121)

Early Childhood Educator Emphasis AAS

Two-Year Associate of Applied Science Degree

The Early Childhood Educator Emphasis AAS degree is offered to those seeking employment in educational occupations.

Students are provided with a well-rounded and diverse education that consists of collegiate-level general education coursework and a core of technical courses in the fields of child development and education. Students gain practical experience by completing cooperative work experience and supervised practicum in local schools, child care centers, and agencies that serve children and families.

Program Learning Outcomes

Upon successful completion of the program, students will be able to:

- Create developmentally and culturally appropriate learning environments and curricula to foster optimum growth and development of learners.
- Identify and teach to differences in race, gender, ability, age, language, family composition, culture, ethnicity, socioeconomic status, and religion.
- Explain the complex characteristics of families and communities as well as the social, emotional, cognitive, and physical aspects of growth and development.
- Demonstrate an understanding of observation techniques, assessment tools, documentation procedures as well as resources and applicable regulations/laws for all learners, specifically for those with disabilities and other special needs.
- Apply developmentally and culturally appropriate teaching and guidance theories, principles, and practices.
- Demonstrate participation in leadership, advocacy, personal growth, and professional development activities.

Program Requirements

All education students must successfully pass a criminal background check.

Number of credit hours necessary for completion: **90**

Required Courses

Student Success

- CGS 100 - College Survival & Success **3.00 credits**

Communications

Information Systems

- EDU 133 - Computers in Education **3.00 credits**
- EDU 133L - Computers in Education Lab **1.00 credit**

Oral Communications

- SPE 111 - Fundamentals of Speech **3.00 credits or**
- SPE 111M - Fundamentals of Speech **5.00 credits**

Writing

For information about placement in a writing course, please refer to the: [Writing Pathway](#).

- WRI 121 - English Composition I **4.00 credits or**
- WRI 121M - English Composition I **5.00 credits**

Health and Wellness

Students must select one course in this general education requirement.

- HEA 125 - First Aid & Industrial Safety **3.00 credits**
- HEA 252 - First Aid Basics & Beyond **3.00 credits**
- HPE 225 - Nutrition **3.00 credits**
- HPE 295 - Health & Fitness for Life **3.00 credits**
-

Computation

Student must select one course in this general education requirement.

For information about placement in a math course, please refer to the: [Math Curriculum Pathway](#).

- MTH 070 - Elementary Algebra **4.00 credits (only for ECE Emphasis)**
- MTH 095 - Intermediate Algebra **4.00 credits**
- MTH 098 - Intro to Quantitative Literacy **4.00 credits**
- MTH 105 - Math in Society **4.00 credits**
- MTH 105M - Math in Society **5.00 credits**
- MTH 111 - College Algebra **5.00 credits**
- MTH 211 - Foundations of Elementary Math I **4.00 credits**
- MTH 212 - Foundations of Elementary Math II **4.00 credits**
- MTH 213 - Foundations of Elementary Math III **4.00 credits**



Arts and Letters

A minimum of three Arts and Letters credits are required from these options.

Recommended Courses

- ART 265 - Art for Teachers **3.00 credits**
- MUS 265 - Music for Teachers **3.00 credits**
-

Additional Options

- **Arts and Letters course options**

Social Sciences

A minimum of three Social Sciences credits are required from these options.

Additional Options

- **Social Sciences course options**

Science/Math/Computer Science

Students must select two courses including at least one laboratory course.

Additional Options

- **Science / Math / Computer Science Additional Course Options**

Technical Core

- ECE 101 - Child, Family, Community **3.00 credits**
- ECE 103 - Assessment & Evaluation **3.00 credits**
- EDU 251 - Overview of the Exceptional Learner **4.00 credits**
- PSY 235 - Human Growth & Development I **3.00 credits**
- TEX 280 - Coop Work Exp: Seminar **1.00 credit**

Electives

Students must complete electives as required to bring the total number of credits to **90**. The following courses are recommended, but any 100- or 200-level courses may be chosen as an elective.

- BUS 206 - Management Fundamentals **3.00 credits**
- BUS 206M - Management Fundamentals **5.00 credits**

- BUS 250 - Small Business Management **3.00 credits**
- EDU 252 - Classroom Management **3.00 credits**
- GEO 106 - Human Cultural Geography I **3.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- PSY 201A - General Psychology I **3.00 credits**
- PSY 202A - General Psychology II **3.00 credits**
- PSY 203A - General Psychology III **3.00 credits**
- PSY 236 - Human Growth & Development II **3.00 credits**
- WRI 117 - Intro to Technical Communication **4.00 credits**
- WRI 122 - English Composition II **4.00 credits**

Emphasis - Early Childhood Educator

- ECE 102 - Guidance of Young Children **3.00 credits**
- ECE 122 - Env and Curr in Early Care and Ed **4.00 credits**
- ECE 135 - Mathematics and the Young Child **3.00 credits**
- ECE 160 - Early Childhood Practicum: Seminar **1.00 credits**
- ECE 162 - Early Childhood Practicum **2.00 credits**
- ECE 200 - The Professional in Early Childhood Education **3.00 credits**
- ECE 249 - Inclusion of Children w/Special Needs **3.00 credits**
- ECE 275 - Anti-Bias Curriculum **3.00 credits**
- ECE 280 - Coop Work Exp: Early Childhood Education **2.00 credits**
- EDU 113 - Instructional Strategies in Language Arts & Reading **3.00 credits**

Arts and Letters course options

- ART 102 - Intro to Art History: Visual Arts **3.00 credits**
- ART 115 - Basic Design: 2-D Black and White **3.00 credits**
- ART 116 - Basic Design: 2-D Color **3.00 credits**
- ART 117 - Basic Design: 3-D Foundations **3.00 credits**
- ART 131 - Intro to Drawing **3.00 credits**
- ART 154 - Ceramics I **3.00 credits**
- ART 211 - Modern Art History - 19th Century Art in Europe **3.00 credits**
- ART 212 - Modern Art History - Early 20th Century Art **3.00 credits**
- ART 213 - Modern Art History - Art Since 1945 **3.00 credits**
- ART 265 - Art for Teachers **3.00 credits**
- ART 281 - Painting **3.00 credits**
- ART 284 - Watercolor I **3.00 credits**
- ART 293 - Sculpture **3.00 credits**
- ENG 104 - Intro to Literature (Fiction) **3.00 credits**
- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**
- ENG 201 - Shakespeare's Early and Middle Works **3.00 credits**
- ENG 202 - Shakespeare's Late Works **3.00 credits**

- PHL 204M - Philosophy of Religion **5.00 credits**
- ENG 206 - Survey of English Literature 19th & 20th Century **3.00 credits**
- ENG 213 - Latin American Literature **3.00 credits**
- ENG 216 - Intro Lit Children and Young Adults **3.00 credits**
- ENG 220 - Intro to Non-European Literature **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENG 261 - Literature of Science Fiction **3.00 credits**
- ENG 275 - Bible as Literature **3.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**
- MUS 206 - History of Rock Music **3.00 credits**
- MUS 206M - History of Rock Music **5.00 credits**
- MUS 265 - Music for Teachers **3.00 credits**
- PHL 103 - Critical Thinking **3.00 credits**
- PHL 204 - Philosophy of Religion **3.00 credits**
- PHL 209 - Business Ethics **3.00 credits**
- SPA 101 - First Year Spanish I **4.00 credits**
- SPA 101M - First Year Spanish I **5.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPE 215 - Small Group Communication: Process & Theory **3.00 credits**
- WRI 241 - Creative Writing - Fiction Workshop **3.00 credits**
- WRI 242 - Creative Writing - Poetry Workshop **3.00 credits**


Social Sciences course options

- BUS 285 - Human Relations in Organizations **3.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**
- GEO 106 - Human Cultural Geography I **3.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- HST 201 - United States History I: Colonial Period to 1840 **3.00 credits**
- HST 201M - United States History I **5.00 credits**
- HST 202 - United States History II: 1840 to 1914 **3.00 credits**
- HST 203 - United States History III: 1914 to Present **3.00 credits**
- HST 203M - United States History II **5.00 credits**
- POL 201 - Intro to US Government **3.00 credits**
- POL 203 - State & Local Government **3.00 credits**
- PSY 101 - Psychology & Human Relations **3.00 credits**
- PSY 201A - General Psychology I **3.00 credits**
- PSY 201M - General Psychology I **5.00 credits**

- PSY 202A - General Psychology II **3.00 credits**
- PSY 202M - General Psychology II **5.00 credits**
- PSY 203A - General Psychology III **3.00 credits**
- PSY 225 - Abnormal Psychology I **3.00 credits**
- PSY 228 - Positive Psychology **4.00 credits**
- PSY 233 - Psychology of Violence and Aggression **4.00 credits**
- PSY 235 - Human Growth & Development I **3.00 credits**
- SOC 204 - General Sociology: Sociology in Everyday Life **3.00 credits**

Science / Math / Computer Science Additional Course Options

- BIO 101 - Biology I **3.00 credits**
- BIO 101L - Biology I Lab **1.00 credit**
- BIO 102 - Biology II **3.00 credits**
- BIO 102L - Biology II Lab **1.00 credit**
- BIO 103 - Biology III **3.00 credits**
- BIO 103L - Biology III Lab **1.00 credit**
- BIO 112 - Integrated Chemistry and Cell Biology for Health Occupations **3.00 credits**
- BIO 112L - Integrated Chemistry & Cell Biology for Health Occupations Lab **1.00 credit**
- BIO 211 - Principles of Biology 1 (Preprofessional) **4.00 credits**
- BIO 211L - Principles of Biology 1 Lab **1.00 credit**
- BIO 212 - Principles of Biology 2 (Preprofessional) **4.00 credits**
- BIO 212L - Principles of Biology 2 Lab **1.00 credit**
- BIO 213 - Principles of Biology 3 (Preprofessional) **4.00 credits**
- BIO 213L - Principles of Biology 3 Lab **1.00 credit**
- BIO 231 - Anatomy & Physiology I **3.00 credits**
- BIO 231L – Anatomy & Physiology I Lab **1.00 credit**
- BIO 232 - Anatomy & Physiology II **3.00 credit**
- BIO 232L - Anatomy & Physiology II Lab **1.00 credit**
- BIO 233 - Anatomy & Physiology III **3.00 credits**
- BIO 233L - Anatomy & Physiology III Lab **1.00 credit**
- BIO 234 - Microbiology I **4.00 credit**
- BIO 234L - Microbiology I Lab **1.00 credit**
- CHE 104 - General Chemistry I **4.00 credits**
- CHE 104L - General Chemistry I Lab **1.00 credit**
- CHE 105 - General Chemistry II **4.00 credits**
- CHE 105L - General Chemistry II Lab **1.00 credit**
- CHE 106 - General Chemistry III **4.00 credits**
- CHE 106L - General Chemistry III Lab **1.00 credit**
- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credit**
- GEO 105 - Physical Geography **3.00 credits**
- GEO 105L - Physical Geography Lab **1.00 credit**
- GSC 107 - Physical Science (Astronomy) **3.00 credits**

- 
- GSC 107L - Physical Science (Astronomy) Lab **1.00 credit**
 - MTH 243 - Statistics I **4.00 credits**
 - PHY 101 - Fundamentals of Physics I **3.00 credits**
 - PHY 101L - Fundamentals of Physics I Lab **1.00 credit**
 - PHY 102 - Fundamentals of Physics II **3.00 credits**
 - PHY 102L - Fundamentals of Physics II Lab **1.00 credit**
 - PHY 103 - Fundamentals of Physics III **3.00 credits**
 - PHY 103L - Fundamentals of Physics III Lab **1.00 credit**


Fall Term 2022

On Campus Courses

ART 131.01	Intro to Drawing	T, R	1:00 – 3:50
PSY 201A.01	General Psychology I (Prerequisite: WRI 121)	M, W, F	1:00 – 1:50
WRI 121.02	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better or placement into WRI 121) (Prerequisite for BUS 214)	M, T, W, R	1:00 – 1:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Intro to Computing Skills Lab (Recommended: WRI 095 and keyboarding by touch) (Prerequisite for BUS 214)		
BIO 103.01DE BIO 103 I.01DE	Biology III Biology III Lab		
BIO 112.01DE BIO 112L.01DE	Integrated Chemistry and Cell Biology Integrated Chemistry and Cell Biology Lab (Recommended: MTH 070 or MTH 095 or MTH 111 or placement into MTH 070)		
BUS 206.01DE	Management Fundamentals		
ECE 101.01DE	Child, Family, Community		
ENV 170.01DE ENV 170L.01DE	Environmental Science Environmental Science Lab (Recommended: Placement into WRI 095)		
HPE 295.01DE	Health and Fitness for Life		
HST 101.01DE	Western Civilization I (Recommended WRI 121 Placement)		

- 
- MTH 111.01DE College Algebra
(**Prerequisite:** MTH 095 with a grade of “C” or better **or** placement into MTH 111)
- MUS 206M.01DE History of Rock Music
(**Prerequisite:** WRI 121)
- PSY 201A.01DE General Psychology I
(**Prerequisite:** WRI 121)
- PSY 233.01DE Psychology of Violence & Aggression
(**Prerequisite:** WRI 121 **or** Placement into WRI 121)
- PSY 235.01DE Human Growth & Development
(**Recommend:** Previous coursework in psychology)

Winter Term 2023

On Campus Courses

ART 265.01	Art for Teachers	M, W	1:00 – 2:20
ECE 200.01HX	The Professional in Early Childhood	T, R	2:00 – 3:20

Online Courses

BUS 285.01DE	Human Relations in Organizations		
ECE 102.01DE	Guidance of Young Children (PSY 235 is strongly recommended)		
ECE 200.01HX	The Professional in Early Childhood		
ECO 202.01DE	Principles of Economics: Macroeconomics (Recommended: Successful completion of MTH 070 or above and WRI 121 placement)		
EDU 133.01DE EDU 133L.01DE	Computers in Education Computers in Education Lab		
ENG 104.01DE	Intro to Literature (Fiction) (Corequisite: WRI 121) Can be taken at the same time as WRI 121		
MUS 265.01DE	Music for Teaching		
HPE 225.01DE	Nutrition		
HPE 295.01DE	Health & Fitness for Life		
MUS 265.01DE	Music for Teaching		
PHL 103.01DE	Critical Thinking (Prerequisite: WRI 095 or WRI 121 or placement into WRI 121)		
PSY 235.01DE	Human Growth & Development I (Recommended: Previous coursework in psychology)		
SPE111.01DE	Fundamentals of Speech (Prerequisite: WRI 121)		

Spring Term 2023

On Campus Courses

SPE 111.01	Fundamentals of Speech (Prerequisite: WRI 121)	M, W	2:00 – 3:20
------------	---	------	-------------

Online Courses

ECE 103.01DE	Assessment & Evaluation (Prerequisite: PSY 235)
--------------	--

HST 103.01DE	Western Civilization (Recommend: WRI 121 placement)
--------------	--

MTH 105M.01DE	Math in Society (Prerequisites: MTH 065 or MTH 070 or MTH 095 or MTH 098 or placement into MTH 105 and WRI 095 or WRI 121 or placement into WRI 121)
---------------	--

PSY 201M.01DE	General Psychology I (Prerequisite: WRI 121)
---------------	---

SPE 111.01DE	Fundamentals of Speech (Prerequisite: WRI 121)
--------------	---

Education - Paraeducator Emphasis AAS

Two-Year Associate of Applied Science Degree

The Education AAS degree is offered to those seeking employment in educational occupations.

This AAS degree also serves as a seamless pathway toward a four-year degree at Southern Oregon University.

Students are provided with a well-rounded and diverse education that consists of collegiate-level general education coursework and a core of technical courses in the fields of child development and education. All students gain practical experience by completing cooperative work experience and supervised practicum in local schools, child care centers, and agencies that serve children and families.

Program Learning Outcomes

Upon successful completion of the program, students will be able to:

- Create developmentally and culturally appropriate learning environments and curricula to foster optimum growth and development of learners.
- Identify and teach to differences in race, gender, ability, age, language, family composition, culture, ethnicity, socioeconomic status, and religion.
- Explain the complex characteristics of families and communities as well as the social, emotional, cognitive, and physical aspects of growth and development.
- Demonstrate an understanding of observation techniques, assessment tools, documentation procedures as well as resources and applicable regulations/laws for all learners, specifically for those with disabilities and other special needs.
- Apply developmentally and culturally appropriate teaching and guidance theories, principles, and practices.
- Demonstrate participation in leadership, advocacy, personal growth, and professional development activities.
- Meet the first- and second-year requirements for the Southern Oregon University Bachelor of Science in Elementary Education.

Program Requirements

All education students must successfully pass a criminal background check.

Number of credit hours necessary for completion: **90**

Required Courses

Student Success

- CGS 100 - College Survival & Success **3.00 credits**

Communications

Information Systems

- EDU 133 - Computers in Education **3.00 credits**
- EDU 133L - Computers in Education Lab **1.00 credit**

Oral Communications

- SPE 111 - Fundamentals of Speech **3.00 credits or**
- SPE 111M - Fundamentals of Speech **5.00 credits**

Writing

For information about placement in a writing course, please refer to the: [Writing Pathway](#).

- WRI 121 - English Composition I **4.00 credits or**
- WRI 121M - English Composition I **5.00 credits**
- WRI 122 - English Composition II **4.00 credits or**
- WRI 122M - English Composition II **5.00 credits**

Health and Wellness

- HPE 295 - Health & Fitness for Life **3.00 credits**

Computation

Students must complete all three courses in this general education requirement. For information about placement in a math course, please refer to the: [Math Curriculum Pathway](#).

- MTH 211 - Foundations of Elementary Math I **4.00 credits and**
- MTH 212 - Foundations of Elementary Math II **4.00 credits and**
- MTH 213 - Foundations of Elementary Math III **4.00 credits**

Arts and Letters

Students must select three courses in this general education requirement. One course **must** be ENG.

Recommended Courses

- ART 131 - Intro to Drawing **3.00 credits**
- ENG 104 - Intro to Literature (Fiction) **3.00 credits**
- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**
- ENG 202 - Shakespeare's Late Works **3.00 credits**
- ENG 206 - Survey of English Literature 19th & 20th Century **3.00 credits**
- ENG 213 - Latin American Literature **3.00 credits**
- ENG 216 - Intro Lit Children and Young Adults **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENG 261 - Literature of Science Fiction **3.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**
- MUS 206 - History of Rock Music **3.00 credits**
- PHL 204 - Philosophy of Religion **3.00 credits**
- PHL 204M - Philosophy of Religion **5.00 credits**
- PHL 209 - Business Ethics **3.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPA 202 - Second Year Spanish II **4.00 credits**
- SPA 203 - Second Year Spanish III **4.00 credits**
- WRI 241 - Creative Writing - Fiction Workshop **3.00 credits**
- WRI 242 - Creative Writing - Poetry Workshop **3.00 credits**

Additional Options

- **Arts and Letters course options**

Social Sciences

Students transferring to Southern Oregon University's Bachelor's in Elementary Education program must select two courses in this general education requirement. Southern Oregon University requires a history course (either United States or Western Civilization) and Geography (either [GEO 106](#) or [GEO 107](#)).

Recommended Courses

- GEO 106 - Human Cultural Geography I **3.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- HST 201 - United States History I: Colonial Period to 1840 **3.00 credits**
- HST 201M - United States History I **5.00 credits**

- HST 202 - United States History II: 1840 to 1914 **3.00 credits**
- HST 203 - United States History III: 1914 to Present **3.00 credits**
- HST 203M - United States History II **5.00 credits**

Additional Options

- [Social Sciences course options](#)

Science / Math / Computer Science

Students must select three science courses in this general education requirement, including at least two laboratory courses. One must be a life science, one must be a physical science, and one must be a science elective.

Recommended Courses

- BIO 101 - Biology I **3.00 credits**
- BIO 101L - Biology I Lab **1.00 credit**
- BIO 102 - Biology II **3.00 credits**
- BIO 102L - Biology II Lab **1.00 credit**
- BIO 103 - Biology III **3.00 credits**
- BIO 103L - Biology III Lab **1.00 credit**
- BIO 112 - Integrated Chemistry and Cell Biology for Health Occupations **3.00 credits**
- BIO 112L - Integrated Chemistry & Cell Biology for Health Occupations Lab **1.00 credit**
- BIO 207 - Medical Genetics **3.00 credits**
- BIO 207L - Medical Genetics Lab **1.00 credit**
- BIO 211 - Principles of Biology 1 (Preprofessional) **4.00 credits**
- BIO 211L - Principles of Biology 1 Lab **1.00 credit**
- BIO 212 - Principles of Biology 2 (Preprofessional) **4.00 credits**
- BIO 212L - Principles of Biology 2 Lab **1.00 credit**
- BIO 213 - Principles of Biology 3 (Preprofessional) **4.00 credits**
- BIO 213L - Principles of Biology 3 Lab **1.00 credit**
- BIO 231 - Anatomy & Physiology I **3.00 credits**
- BIO 231L - Anatomy & Physiology I Lab **1.00 credit**
- BIO 232 - Anatomy & Physiology II **3.00 credits**
- BIO 232L - Anatomy & Physiology II Lab **1.00 credit**
- BIO 233 - Anatomy & Physiology III **3.00 credits**
- BIO 233L - Anatomy & Physiology III Lab **1.00 credit**
- BIO 234 - Microbiology I **4.00 credits**
- BIO 234L - Microbiology I Lab **1.00 credit**
- BIO 240 - Forensic DNA Biology **3.00 credits**
- BIO 240L - Forensic DNA Biology Lab **1.00 credit**
- CHE 104 - General Chemistry I **4.00 credits**

- CHE 104L - Gen Chemistry I Lab **1.00 credit**
- CHE 105 - General Chemistry II **4.00 credits**
- CHE 105L - General Chemistry II Lab **1.00 credit**
- CHE 106 - General Chemistry III **4.00 credits**
- CHE 106L - General Chemistry III Lab **1.00 credit**
- CHE 221 - General Chemistry I (Preprofessional) **4.00 credits**
- CHE 221L - General Chemistry I Lab **1.00 credit**
- CHE 222 - General Chemistry II (Preprofessional) **4.00 credits**
- CHE 222L - General Chemistry II Lab **1.00 credit**
- CHE 223 - General Chemistry III (Preprofessional) **4.00 credits**
- CHE 223L - General Chemistry III Lab **1.00 credit**
- CHE 240 - Forensic Chemistry **3.00 credits**
- CHE 240L - Forensic Chemistry Lab **1.00 credit**
- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credit**
- GSC 107 - Physical Science (Astronomy) **3.00 credits**
- GSC 107L - Physical Science (Astronomy) Lab **1.00 credit**
- PHY 101 - Fundamentals of Physics I **3.00 credits**
- PHY 101L - Fundamentals of Physics I Lab **1.00 credit**
- PHY 102 - Fundamentals of Physics II **3.00 credits**
- PHY 102L - Fundamentals of Physics II Lab **1.00 credit**
- PHY 103 - Fundamentals of Physics III **3.00 credits**
- PHY 103L - Fundamentals of Physics III Lab **1.00 credit**
- PHY 201 - General Physics I (Algebra-based) **4.00 credits**
- PHY 201L - General Physics I Lab **1.00 credit**
- PHY 202 - General Physics II (Algebra-based) **4.00 credits**
- PHY 202L - General Physics II Lab **1.00 credit**
- PHY 203 - General Physics III (Algebra-based) **4.00 credits**
- PHY 203L - General Physics III Lab **1.00 credit**
- PHY 211 - General Physics I (Calculus-based) **4.00 credits**
- PHY 211L - General Physics I Lab **1.00 credit**
- PHY 212 - General Physics II (Calculus-based) **4.00 credits**
- PHY 212L - General Physics II Lab **1.00 credit**
- PHY 213 - General Physics III (Calculus-based) **4.00 credits**
- PHY 213L - General Physics III Lab **1.00 credit**

Technical Core

- ECE 101 - Child, Family, Community **3.00 credits**
- ECE 103 - Assessment & Evaluation **3.00 credits**
- EDU 251 - Overview of the Exceptional Learner **4.00 credits**
- PSY 235 - Human Growth & Development I **3.00 credits**
- TEX 280 - Coop Work Exp: Seminar **1.00 credit**

Emphasis

- ART 265 - Art for Teachers **3.00 credits**
- ECE 162 - Early Childhood Practicum **1.00 credit**
- EDU 200 - Intro to Education **3.00 credits**
- EDU 280 - Coop Work Exp: Education **2.00 credits**
- MUS 265 - Music for Teachers **3.00 credits**

Electives

Students must complete electives as required to bring the total number of credits to **90**. The following courses are recommended, but any 100- or 200-level courses may be chosen as an elective.

- BUS 206 - Management Fundamentals **3.00 credits**
- BUS 206M - Management Fundamentals **5.00 credits**
- BUS 250 - Small Business Management **3.00 credits**
- EDU 252 - Classroom Management **3.00 credits**
- PSY 235 - Human Growth & Development I **3.00 credits**


Arts and Letters course options

- ART 102 - Intro to Art History: Visual Arts **3.00 credits**
- ART 115 - Basic Design: 2-D Black and White **3.00 credits**
- ART 116 - Basic Design: 2-D Color **3.00 credits**
- ART 117 - Basic Design: 3-D Foundations **3.00 credits**
- ART 131 - Intro to Drawing **3.00 credits**
- ART 154 - Ceramics I **3.00 credits**
- ART 155 - Ceramics II **3.00 credits**
- ART 211 - Modern Art History - 19th Century Art in Europe **3.00 credits**
- ART 212 - Modern Art History- Early 20th Century Art **3.00 credits**
- ART 213 - Modern Art History - Art Since 1945 **3.00 credits**
- ART 231 - Drawing II **3.00 credits**
- ART 265 - Art for Teachers **3.00 credits**
- ART 281 - Painting **3.00 credits**
- ART 284 - Watercolor I **3.00 credits**
- ART 293 - Sculpture **3.00 credits**
- ENG 104 - Intro to Literature (Fiction) **3.00 credits**
- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**
- ENG 201 - Shakespeare's Early and Middle Works **3.00 credits**
- ENG 202 - Shakespeare's Late Works **3.00 credits**
- ENG 206 - Survey of English Literature 19th & 20th Century **3.00 credits**
- ENG 213 - Latin American Literature **3.00 credits**
- ENG 216 - Intro Lit Children and Young Adults **3.00 credits**

- ENG 220 - Intro to Non-European Literature **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENG 261 - Literature of Science Fiction **3.00 credits**
- ENG 275 - Bible as Literature **3.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**
- MUS 206 - History of Rock Music **3.00 credits**
- MUS 206M - History of Rock Music **5.00 credits**
- MUS 265 - Music for Teachers **3.00 credits**
- PHL 103 - Critical Thinking **3.00 credits**
- PHL 204 - Philosophy of Religion **3.00 credits**
- PHL 204M - Philosophy of Religion **5.00 credits**
- PHL 209 - Business Ethics **3.00 credits**
- SPA 101 - First Year Spanish I **4.00 credits**
- SPA 101M - First Year Spanish I **5.00 credits**
- SPA 102 - First Year Spanish II **4.00 credits**
- SPA 103 - First Year Spanish III **4.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPA 202 - Second Year Spanish II **4.00 credits**
- SPA 203 - Second Year Spanish III **4.00 credits**
- SPE 215 - Small Group Communication: Process & Theory **3.00 credits**
- WRI 241 - Creative Writing - Fiction Workshop **3.00 credits**
- WRI 242 - Creative Writing - Poetry Workshop **3.00 credits**
- WRI 244 - Creative Writing - Advanced Fiction Workshop **3.00 credits**
- WRI 245 - Creative Writing - Advanced Poetry Workshop **3.00 credits**

Social Sciences course options

- BUS 285 - Human Relations in Organizations **3.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**
- GEO 106 - Human Cultural Geography I **3.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- HST 201 - United States History I: Colonial Period to 1840 **3.00 credits**
- HST 201M - United States History I **5.00 credits**
- HST 202 - United States History II: 1840 to 1914 **3.00 credits**
- HST 203 - United States History III: 1914 to Present **3.00 credits**
- HST 203M - United States History II **5.00 credits**
- POL 201 - Intro to US Government **3.00 credits**
- POL 203 - State & Local Government **3.00 credits**

- 
- PSY 101 - Psychology & Human Relations **3.00 credits**
 - PSY 201A - General Psychology I **3.00 credits**
 - PSY 201M - General Psychology I **5.00 credits**
 - PSY 202A - General Psychology II **3.00 credits**
 - PSY 202M - General Psychology II **5.00 credits**
 - PSY 203A - General Psychology III **3.00 credits**
 - PSY 225 - Abnormal Psychology I **3.00 credits**
 - PSY 226 - Abnormal Psychology II **3.00 credits**
 - PSY 228 - Positive Psychology **4.00 credits**
 - PSY 233 - Psychology of Violence and Aggression **4.00 credits**
 - PSY 235 - Human Growth & Development I **3.00 credits**
 - PSY 236 - Human Growth & Development II **3.00 credits**
 - SOC 204 - General Sociology: Sociology in Everyday Life **3.00 credits**

Fall Term 2022

On Campus Courses

ART 131.01	Intro to Drawing	T, R	1:00 – 3:50
PSY 201A.01	General Psychology I (Prerequisite: WRI 121)	M, W, F	1:00 – 1:50
WRI 121.02	English Composition I (Prerequisite: WRI095 with a grade of “C” or better placement into WRI 121)	M, T, W, R	1:00 – 1:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Intro to Computing Skills Lab (Recommended: WRI 095 and keyboarding by touch)		
BIO 103.01DE BIO 103 I.01DE	Biology III Biology III Lab		
BIO 112.01DE BIO 112L.01DE	Integrated Chemistry and Cell Biology Integrated Chemistry and Cell Biology Lab (Recommended: MTH 070 or MTH 095 or MTH 111 or placement into MTH 070)		
ECE 101.01DE	Child, Family, Community		
ENV 170.01DE ENV 170L.01DE	Environmental Science Environmental Science Lab (Recommended: Placement into WRI 095)		
HST 101.01DE	Western Civilization I (Recommended WRI 121 Placement)		
PSY 233.01DE	Psychology of Violence & Aggression (Prerequisite: WRI 121 or Placement into WRI 121)		
PSY 235.01DE	Human Growth & Development (Recommend: Previous coursework in psychology)		
SPA 101M.01DE	First Year Spanish I		

Winter Term 2023

On Campus Courses

ART 265.01 Art for Teachers M, W 1:00 – 2:20

Online Courses

BUS 285.01DE Human Relations in Organizations

EDU 133.01DE Computers in Education
EDU 133L.01DE Computers in Education Lab

ENG 104.01DE Intro to Literature (Fiction)
(**Corequisite:** WRI 121)
Can be taken at the same time as WRI121

HPE295.01DE Health & Fitness for Life

MUS 265.01DE Music for Teaching

PHL 103.01DE Critical Thinking
(**Prerequisite:** WRI 095 **or** WRI121 **or** placement into WRI 121)

PSY 201A.01DE General Psychology I
(**Prerequisite:** WRI 121)

PSY 235.01DE Human Growth & Development I
(**Recommended:** Previous coursework in psychology)

SPE111.01DE Fundamentals of Speech
(**Prerequisite:** WRI 121)

WRI 122.01DE English Composition II
(**Prerequisite:** WRI 121 with a grade of “C” or better)

Spring Term 2023

On Campus Courses

SPE 111.01	Fundamentals of Speech (Prerequisite: WRI 121)	T, R	3:00 – 4:20
------------	---	------	-------------

Online Courses

ART 213.01DE	Modern Art History – Art Since 1945) (Recommended: WRI 121)		
ECE103.01DE	Assessment & Evaluation (Prerequisite: PSY 235)		
ECO 201.01DE	Principles of Economics: Macroeconomics (Recommended: Successful completion of MTH 070 or above and WRI 121 placement)		
ENG 106.01DE	Intro to Literature (Poetry) Recommended: 100–level reading and WRI 121		
ENG 213.01DE	Latin American Literature (Prerequisite: WRI 121)		
HST 201M.01DE	United States History I (Recommended: Placement scores at WRI 121)		
SPE 111.01DE	Fundamentals of Speech (Prerequisite: WRI 121)		

Health Information Management AAS

Two-Year Associate of Applied Science Degree

The Health Information Management (HIM) AAS degree program is designed to meet increasing health industry demands for trained health information specialists. This program includes a combination of human science, computer technology, and health information courses that prepare the student for employment in health care organizations. The program includes both theoretical instruction and practical laboratory experience on the Klamath Community College campus and through affiliations with other health care providers in the area.

Health information management professionals hold diverse and unique skill sets. They are experts in data collection, analysis, monitoring, maintenance, and reporting activities in accordance with established data quality principles, legal and regulatory standards, and professional best-practice guidelines. These functions include processing and using health data for treatment, billing, compliance, and surveillance purposes.

The program begins each fall term with a maximum of 20 students. The classroom is designed to correlate classroom and lab experience with practical (cooperative work) experience in health care facilities.

Currently, there are two national certification exams available through National Health Career Association (NHA). After completion of the HIM program, students will be eligible to test for the electronic health record specialist and/or billing and coding specialist certifications. Klamath Community College is an NHA testing center site for both exams. Students may also pursue a coding credential, the Certified Coding Associate (CCA), through American Health Information Management Association (AHIMA). The CCA distinguishes coders by exhibiting their commitment to the profession while demonstrating coding completion and competence. Students who are interested in pursuing data analytics and quality management may seek certification from the National Association Healthcare Quality (NAHQ).

Program Learning Outcomes

Upon successful completion of the program, students will be able to:

- Demonstrate correct documentation and how a diagnosis is supported through documentation, clinical findings and discharge status.
- Promote the importance of healthcare policy making as it relates to the healthcare delivery system.
- Evaluate or implement the use of clinical quality measures and/or core objectives for patient care by healthcare providers.
- Analyze classification and terminology systems for diagnosis/procedure codes according to current guidelines.
- Summarize the test standards and information to pass a national exam in health information management.
- Apply professionalism skills in the practicum setting.

Program Requirements

Most practical experience sites require a drug screen, TB test, Hep B series, MMR, and a background check prior to starting the experience. All of these must be completed/passed before beginning practical work experience.

Students must receive a grade of “C” or better in all program-required courses.

Number of credit hours necessary for completion: **90**

Required Courses

Communications

Information Systems

- CAS 133 - Intro to Computing Skills **3.00 credits**
- CAS 133L - Intro to Computing Skills Lab **1.00 credit**

Oral Communications

- SPE 111 - Fundamentals of Speech **3.00 credits** or
- SPE 111M - Fundamentals of Speech **5.00 credits**

Writing

For information about placement in a writing course, please refer to the: [Writing Pathway](#).

- WRI 121 - English Composition I **4.00 credits** or
- WRI 121M - English Composition I **5.00 credits**

Computation

For information about placement in a math course, please refer to the: [Math Curriculum Pathway](#).

- MTH 105 - Math in Society **4.00 credits** or
- MTH 105M - Math in Society **5.00 credits**
- **Or**
- MTH 111 - College Algebra **5.00 credits**

Arts and Letters

A minimum of three Arts and Letters credits are required from these options.

Additional Options

- [Arts and Letters course options](#)

Social Sciences

A minimum of three Social Sciences credits are required from these options.

Recommended courses

- PSY 201A - General Psychology I **3.00 credits** or
- PSY 201M - General Psychology I **5.00 credits**
- SOC 205 - Institutions and Social Change **3.00 credits**

Additional Options

Science / Math / Computer Science

Students must select three courses in this general education requirement. These biology classes have a minimum standard that must be met to enter a series. Some degrees require science with laboratory courses only. [MTH 243](#) is also recommended if pursuing a Baccalaureate degree.

- BIO 231 - Anatomy & Physiology I **3.00 credits**
- BIO 232 - Anatomy & Physiology II **3.00 credits**
- BIO 233 - Anatomy & Physiology III **3.00 credits**
- or**
- MDA 128 - Anatomy & Physiology for Health Science Professionals I **4.00 credits**
- MDA 129 - Anatomy & Physiology for Health Science Professionals II **4.00 credits**
- MTH 243 - Statistics I **4.00 credits**

Technical Core

- HIM 104 - Intro to Health Data and Content I **3.00 credits**
- HIM 105 - Legal & Ethical Aspects of Healthcare **3.00 credits**
- HIM 106 - Health Data Content & Structure II **4.00 credits**
- HIM 131 - Medical Coding **4.00 credits**
- HIM 180 - Coop Work Exp: HIM Prof Prac Exp I **2.00 credits**
- HIM 204 - Healthcare Delivery & Technology **3.00 credits**
- HIM 210 - Disease Process **3.00 credits**
- HIM 212 - Intro to Pharmaceuticals **3.00 credits**
- HIM 231 - CPT Coding **3.00 credits**
- HIM 232 - Medical Revenue - Insurance and Billing Application **4.00 credits**
- HIM 234 - Advanced Medical Coding **3.00 credits**
- HIM 272 - HIM Leadership and Management **3.00 credits**
- HIM 275 - Quality Improvement in Healthcare **3.00 credits**
- HIM 280 - Coop Work Exp: HIM Prof Prac II **3.00 credits**
- HIM 292 - EHR Exam Prep **1.00 credits**
- HIM 293 - Exam Review- CBS **1.00 Credit**
- MDA 101 - Medical Terminology I **3.00 credits**
- MDA 102 - Medical Terminology II **3.00 credits**

Electives

Students must complete electives as required to bring the total number of credits to **90**.

- BIO 101 - Biology I **3.00 credits**
- BIO 101L - Biology I Lab **1.00 credit**
- BIO 102 - Biology II **3.00 credits**
- BIO 102L - Biology II Lab **1.00 credit**
- BIO 103 - Biology III **3.00 credits**
- BIO 103L - Biology III Lab **1.00 credit**
- BIO 112 - Integrated Chemistry and Cell Biology for Health Occupations **3.00 credits**
- BIO 112L -Integrated Chemistry & Cell Biology for Health Occupations Lab **1.00 credit**
- BIO 231L - Anatomy & Physiology I Lab **1.00 credit**
- BIO 232L - Anatomy & Physiology II Lab **1.00 credit**
- BIO 233L - Anatomy & Physiology III Lab **1.00 credit**
- BUS 111 - Intro to Accounting **4.00 credits**
- CAS 121 - Beginning Keyboarding **2.00 credits**
- CAS 122 - Keyboarding for Speed & Accuracy **3.00 credits**
- CAS 170 - Spreadsheets **3.00 credits**
- CAS 216 - Word Processing **3.00 credits**
- CAS 245 - Office Systems & Procedures **3.00 credits**
- CAS 245L - Office Systems & Procedures Lab **1.00 credit**
- CAS 247 - Advanced Business Applications **3.00 credits**
- CAS 247L - Advanced Business Applications Lab **1.00 credit**
- CIS 275 - Database I **3.00 credits**
- CIS 275L - Database I Lab **1.00 credit**
- HEA 125 - First Aid & Industrial Safety **3.00 credits**
- HEA 252 - First Aid Basics & Beyond **3.00 credits**
- HIM 205 - Health Info and Data Governance **3.00 credits**
- HIM 103 - Intro to Health Services **3.00 credits**
- HPE 207 - Stress Management **3.00 credits**
- HPE 225 - Nutrition **3.00 credits**
- HPE 295 - Health & Fitness for Life **3.00 credits**
- OST 131 - 10-key Calculators **1.00 credit**
- WRI 100 – Co-Requisite Writing **1.00 credit**

Arts and Letters course options

- ART 102 - Intro to Art History: Visual Arts **3.00 credits**
- ART 115 - Basic Design: 2-D Black and White **3.00 credits**
- ART 116 - Basic Design: 2-D Color **3.00 credits**
- ART 117 - Basic Design: 3-D Foundations **3.00 credits**
- ART 131 - Intro to Drawing **3.00 credits**
- ART 154 - Ceramics I **3.00 credits**
- ART 211 - Modern Art History- 19th Century Art in Europe **3.00 credits**
- ART 212 - Modern Art History - Early 20th Century Art **3.00 credits**

- ART 213 - Modern Art History- Art Since 1945 **3.00 credits**
- ART 265 - Art for Teachers **3.00 credits**
- ART 281 - Painting **3.00 credits**
- ART 284 - Watercolor I **3.00 credits**
- ART 293 - Sculpture **3.00 credits**
- ENG 104 - Intro to Literature (Fiction) **3.00 credits**
- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**
- ENG 201 - Shakespeare's Early and Middle Works **3.00 credits**
- ENG 202 - Shakespeare's Late Works **3.00 credits**
- PHL 204M - Philosophy of Religion **5.00 credits**
- ENG 206 - Survey of English Literature 19th & 20th Century **3.00 credits**
- ENG 213 - Latin American Literature **3.00 credits**
- ENG 216 - Intro Lit Children and Young Adults **3.00 credits**
- ENG 220 - Intro to Non-European Literature **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENG 261 - Literature of Science Fiction **3.00 credits**
- ENG 275 - Bible as Literature **3.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**
- MUS 206 - History of Rock Music **3.00 credits**
- MUS 206M - History of Rock Music **5.00 credits**
- MUS 265 - Music for Teachers **3.00 credits**
- PHL 103 - Critical Thinking **3.00 credits**
- PHL 204 - Philosophy of Religion **3.00 credits**
- PHL 209 - Business Ethics **3.00 credits**
- SPA 101 - First Year Spanish I **4.00 credits**
- SPA 101M - First Year Spanish I **5.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPE 215 - Small Group Communication: Process & Theory **3.00 credits**
- WRI 241 - Creative Writing - Fiction Workshop **3.00 credits**
- WRI 242 - Creative Writing - Poetry Workshop **3.00 credits**

Social Sciences course options

- BUS 285 - Human Relations in Organizations **3.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**
- GEO 106 - Human Cultural Geography I **3.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- HST 201 - United States History I: Colonial Period to 1840 **3.00 credits**
- HST 201M - United States History I **5.00 credits**

- HST 202 - United States History II: 1840 to 1914 **3.00 credits**
- HST 203 - United States History III: 1914 to Present **3.00 credits**
- HST 203M - United States History II **5.00 credits**
- POL 201 - Intro to US Government **3.00 credits**
- POL 203 - State & Local Government **3.00 credits**
- PSY 101 - Psychology & Human Relations **3.00 credits**
- PSY 201A - General Psychology I **3.00 credits**
- PSY 201M - General Psychology I **5.00 credits**
- PSY 202A - General Psychology II **3.00 credits**
- PSY 202M - General Psychology II **5.00 credits**
- PSY 203A - General Psychology III **3.00 credits**
- PSY 225 - Abnormal Psychology I **3.00 credits**
- PSY 228 - Positive Psychology **4.00 credits**
- PSY 233 - Psychology of Violence and Aggression **4.00 credits**
- PSY 235 - Human Growth & Development I **3.00 credits**
- SOC 204 - General Sociology: Sociology in Everyday Life **3.00 credits**


Fall Term 2022

On Campus Courses

HIM 105.01	Legal & Ethical Aspects of Healthcare	M, W, F	2:00 – 2:50
PSY 201A.01	General Psychology I (Prerequisite: WRI 121)	M, W, F	1:00 – 1:50
WRI 121.02	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better or placement into WRI 121) (Prerequisite for BUS 214)	M, T, W, R	1:00 – 1:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Intro to Computing Skills Lab (Recommended: WRI 095 and keyboarding by touch) (Prerequisite for BUS 214)		
BIO 103.01DE BIO 103 I.01DE	Biology III Biology III Lab		
BIO 112.01DE BIO 112L.01DE	Integrated Chemistry and Cell Biology for Health Occupations Integrated Chemistry and Cell Biology for Health Occupations Lab (Recommended: MTH 070 or MTH 095 or MTH 111 or placement into MTH 070)		
CAS 170.01DE	Spreadsheets (Recommended: CAS 133 and MTH 020 or MTH 070 or MTH 095 or MTH 111 or placement into MTH 070) (This course is recommended for CAS 245 and a prerequisite for CAS 247)		
HIM 104.01DE	Intro to Health Data and Content I (Prerequisite: HIM 106)		
HIM 105.01DE	Legal & Ethical Aspects of Healthcare		
HPE 295.01DE	Health & Fitness for Life		
MDA 101.01DE	Medical Terminology I		

- 
- MTH 111.01DE College Algebra
(**Prerequisite:** MTH 095 with a grade of “C” or better or placement into MTH 111)
- OST 131.01DE 10-Key Calculators
- PSY 201A.01DE General Psychology I
(**Prerequisite:** WRI 121)
- WRI 121.01DE English Composition I
(**Prerequisite:** WRI 095 with a grade of “C” or better placement into WRI 121)


Winter Term 2023

On Campus Courses

BIO 212.01HX	Principles of Biology II (Pre-professional) M, W (Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 095 or WRI 121 or placement into WRI 121)	10:00 – 11:50
BIO 212L.01	Principles of Biology II (Pre-professional) W	1:00 – 03:50
WRI122.02	English Composition II (Prerequisite: WRI 121 with a grade of “C” or better)	T, R 1:00 – 2:50

Online Courses

ART 213.01DE	Modern Art History – Art Since 1945 (Recommended: WRI 121 placement)	
BIO 212I.01DE	Principles of Biology II (Pre-professional) Lecture is available in person and/or through Distance Education (HX) Lab is available in person and online	
BUS 285.01DE	Human Relations in Organizations	
ECO 202.01DE	Principles of Economics: Macroeconomics (Recommended: Successful completion of MTH070 or above and WRI 121 placement)	
ENG 104.01DE	Intro to Literature (Fiction) (Corequisite: WRI 121) Can be taken at the same time as WRI121	
HIM 106.01DE	Health Data Content & Structure II (Prerequisite: HIM 104)	
HIM 212.01DE	Intro to Pharmaceuticals	
HPE 225.01DE	Nutrition	
HPE 295.01DE	Health & Fitness for Life	
MTH 105.01DE	Math in Society (Prerequisites: MTH 065 or MTH 070 or MTH 095 or MTH 098 or placement into MTH 105 and WRI 095 or WRI 121 or placement into WRI 121.	



MTH 111.01DE	College Algebra Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111.
PHL 103.01DE	Critical Thinking (Prerequisite: WRI 095 or WRI121 or placement into WRI 121)
PSY 201A.01DE	General Psychology I (Prerequisite: WRI 121)
PSY 235.01DE	Human Growth & Development I (Recommended: Previous coursework in psychology)
SPE111.01DE	Fundamentals of Speech (Prerequisite: WRI 121)
WRI 122.01DE	English Composition II (Prerequisite: WRI 121 with a grade of “C” or better)

Spring Term 2023

On Campus Courses

SPE 111.01 Fundamentals of Speech M, W 2:00 – 3:20
(Prerequisite: WRI 121)

Online Courses

CAS 122.01DE Keyboarding for Speed & Accuracy
Recommended: Ability to touch type (defined as using the correct key reaches and not looking at keys while typing) at a minimum rate of 20 wpm.

ENG 106.01DE Intro to Literature (Poetry)
Recommended: 100–level reading and WRI121

GEO 107.01DE Human Cultural Geography II
(Recommended: WRI 121 placement)

HST 201M.01DE United States History I
(Recommended: Placement scores at WRI 121)

MTH 243.01DE Statistics I
(Prerequisite: MTH 095 with a grade of “C” or better or MTH 105 with a grade of “C” or better or MTH 111 with a grade of “C” or better or placement into MTH 111)

MUS 206M.01DE History of Rock Music
(Prerequisite: WRI 121)

PSY 225.01DE Abnormal Psychology I
(Prerequisite: WRI 121)

PSY 233.01 Psychology of Violence & Aggression
(Prerequisite: WRI 121 or placement into WRI 121)

SPE 111.01DE Fundamentals of Speech
(Prerequisite: WRI 121)

Associate of Arts Transfer- English Literature (AAT)

Associate of Arts Transfer degrees (AATs) represent a streamlined path for students transferring from an Oregon community college to an Oregon university who know which major/bachelor's degree program they want to pursue. In contrast to other statewide transfer tools that prioritize university general education requirements (i.e. AAOT and ASOT), AATs specify clear course-taking paths necessary for on-track progress towards a specific major/bachelor's degree, with a guarantee of transfer from any Oregon community college to any Oregon public university.

The AAT degrees identify the optimal and specific set of community college courses students need to take to transfer efficiently into the major at the university. The successful completion of the AAT degree allows students to receive status at the public university, based on the number of academic credits referenced in the transfer agreement, including at least 30 credits of general education satisfied, that is comparable to the status of students with the same number of academic credits in the major course of study who began their postsecondary studies at the public university. The students will not be required to retake a course, as long as the minimum required grades have been earned.

All courses must be passed with a grade of "C-" or better. Students must have earned a cumulative grade point average of 2.0 and meet the residency requirements at the community college awarding the AAT.

When students complete an AAT degree, the general education courses listed here, for which minimum required grades have been earned, are guaranteed to transfer into general education, degree, or major requirements for a bachelor's degree at any Oregon public university.

Students who want to transfer prior to completing the AAT requirements should talk with their community college advisor and an advisor at their target university prior to transfer about how their courses will count towards general education requirements and degree/major requirements.

Students are responsible for informing the admissions counselor or intake advisor at their receiving four-year institution that they are completing an AAT. It is important for students to understand that completing the AAT in two years and the bachelor's degree in four years requires them to complete a minimum average of 15 credits per quarter (or 45 credits per year).

The guarantees and limitations below describe the minimum requirements to which all participating institutions have agreed. If an institution is not meeting the guarantees described below, a complaint can be filed with the Oregon Transfer Advisory Committee (OTAC).

Program Requirements

Number of credit hours necessary for completion: **90**

Required Courses

Communications

Writing

Students must complete a minimum of eight credits of writing. For information about placement in a writing course, please refer to the: [Writing Pathway](#).

- WRI 121 - English Composition I **4.00 credits** or
- WRI 121M - English Composition I **5.00 credits**
and
- WRI 122 - English Composition II **4.00 credits** or
- WRI 122M - English Composition II **5.00 credits**

Computation

Students must complete a minimum of four credits in this general education requirement.

For information about placement in a math course, please refer to the: [Math Curriculum Pathway](#).

- MTH 105 - Math in Society **4.00 credits** or
- MTH 105M - Math in Society **5.00 credits**
- MTH 111 - College Algebra **5.00 credits**
- MTH 112 - Elementary Functions **4.00 credits**
- MTH 243 - Statistics I **4.00 credits**
- MTH 251 - Calculus I **4.00 credits**

Arts and Letters

English Literature

Students must complete a minimum of 12 credits in this general education requirement. A minimum of nine credits needs to be 2xx level English Literature courses, and a minimum of three credits needs to be 2xx level Shakespeare course.

**If students take American or British survey courses they will count toward major requirements at WOU*

***At EOU, SOU, UO & PSU this course also counts toward major requirements*

****At OSU this course only counts toward the major and students will need to take another Arts and Letters course*

*****At PSU, up to 12 credits of 200-level ENG. Lit. can count towards the major*

- ENG 201 - Shakespeare's Early and Middle Works **3.00 credits**
- ENG 202 - Shakespeare's Late Works **3.00 credits**
- ENG 213 - Latin American Literature **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENG 261 - Literature of Science Fiction **3.00 credits**

Second Language

Students pursuing a bachelor's degree are required to complete the second-year of a foreign language with a grade of "C" or better.

Note: At EOU, PSU, UO & WOU this fulfills both a degree requirement and some general education

**PSU offers a Bachelor of Science in English which does not require 2nd Language.*

***Students without any second language credits should begin the 100-level sequence in their first year at a community college. Students should complete language requirements before transferring. Students transferring to EOU should be aware that they only offer Spanish. Students may also be able to demonstrate proficiency through an exam or other means.*

- SPA 201 - Second Year Spanish I **4.00 credits**
- SPA 202 - Second Year Spanish II **4.00 credits**
- SPA 203 - Second Year Spanish III **4.00 credits**

Social Sciences

Students must complete a minimum of six credits chosen from the AAOT-approved courses.

- ATH 101 - Intro to Physical Anthropology **3.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**
- GEO 106 - Human Cultural Geography I **3.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- HST 201 - United States History I: Colonial Period to 1840 **3.00 credits**
- HST 201M - United States History I **5.00 credits**
- HST 202 - United States History II: 1840 to 1914 **3.00 credits**
- HST 203 - United States History III: 1914 to Present **3.00 credits**
- HST 203M - United States History II **5.00 credits**
- PSY 201A - General Psychology I **3.00 credits**
- PSY 201M - General Psychology I **5.00 credits**
- PSY 202A - General Psychology II **3.00 credits**
- PSY 202M - General Psychology II **5.00 credits**
- PSY 203A - General Psychology III **3.00 credits**

- PSY 225 - Abnormal Psychology I **3.00 credits**
- PSY 226 - Abnormal Psychology II **3.00 credits**
- SOC 204 - General Sociology: Sociology in Everyday Life **3.00 credits**

Science / Math / Computer Science

Natural Sciences

Students must complete a minimum of eight credits with lab chosen from the AAOT-approved courses.

- BIO 101 - Biology I **3.00 credits**
- BIO 101L - Biology I Lab **1.00 credits**
- BIO 102 - Biology II **3.00 credits**
- BIO 102L - Biology II Lab **1.00 credit**
- BIO 103 - Biology III **3.00 credits**
- BIO 103L - Biology III Lab **1.00 credits**
- BIO 211 - Principles of Biology 1 (Preprofessional) **4.00 credits**
- BIO 211L – Principles of Biology 1 Lab **1.00 credits**
- BIO 212 - Principles of Biology 2 (Preprofessional) **4.00 credits**
- BIO 212L - Principles of Biology 2 Lab **1.00 credits**
- BIO 213 - Principles of Biology 3 (Preprofessional) **4.00 credits**
- BIO 213L - Principles of Biology 3 Lab **1.00 credits**
- BIO 231 - Anatomy & Physiology I **3.00 credits**
- BIO 231L - Anatomy & Physiology I Lab **1.00 credits**
- BIO 232 - Anatomy & Physiology II **3.00 credits**
- BIO 232L - Anatomy & Physiology II Lab **1.00 credits**
- BIO 233 - Anatomy & Physiology III **3.00 credits**
- BIO 233L - Anatomy & Physiology III Lab **1.00 credits**
- BIO 234 - Microbiology I **4.00 credits**
- BIO 234L - Microbiology I Lab **1.00 credits**
- CHE 104 - General Chemistry I **4.00 credits**
- CHE 104L - General Chemistry I Lab **1.00 credits**
- CHE 105 - General Chemistry II **4.00 credits**
- CHE 105L - General Chemistry II Lab **1.00 credits**
- CHE 106 - General Chemistry III **4.00 credits**
- CHE 106L - General Chemistry III Lab **1.00 credits**
- CHE 221 - General Chemistry I (Preprofessional) **4.00 credits**
- CHE 221L - General Chemistry I Lab **1.00 credits**
- CHE 222 - General Chemistry II (Preprofessional) **4.00 credits**
- CHE 222L - General Chemistry II Lab **1.00 credits**
- CHE 223 - General Chemistry III (Preprofessional) **4.00 credits**
- CHE 223L - General Chemistry III Lab **1.00 credits**
- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credits**
- GEO 105 - Physical Geography **3.00 credits**
- GEO 105L - Physical Geography Lab **1.00 credits**
- GSC 107 - Physical Science (Astronomy) **3.00 credits**

- GSC 107L - Physical Science (Astronomy) Lab **1.00 credits**
- PHY 101 - Fundamentals of Physics I **3.00 credits**
- PHY 101L - Fundamentals of Physics I Lab **1.00 credits**
- PHY 102 - Fundamentals of Physics II **3.00 credits**
- PHY 102L - Fundamentals of Physics II Lab **1.00 credits**
- PHY 103 - Fundamentals of Physics III **3.00 credits**
- PHY 103L - Fundamentals of Physics III Lab **1.00 credits**
- PHY 201 - General Physics I (Algebra-based) **4.00 credits**
- PHY 201L - General Physics I Lab **1.00 credits**
- PHY 202 - General Physics II (Algebra-based) **4.00 credits**
- PHY 202L - General Physics II Lab **1.00 credits**
- PHY 203 - General Physics III (Algebra-based) **4.00 credits**
- PHY 203L - General Physics III Lab **1.00 credits**
- PHY 211 - General Physics I (Calculus-based) **4.00 credits**
- PHY 211L - General Physics I Lab **1.00 credits**
- PHY 212 - General Physics II (Calculus-based) **4.00 credits**
- PHY 212L - General Physics II Lab **1.00 credits**
- PHY 213 - General Physics III (Calculus-based) **4.00 credits**
- PHY 213L - General Physics III Lab **1.00 credits**

Cultural Literacy

At least one (1) core transfer requirement course must also be an AAOT-approved Cultural Literacy course. When taking one of the following courses students will meet the statewide requirement for cultural literacy.

- ENG 104 - Intro to Literature (Fiction) **3.00 credits**
- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**
- SOC 204 - General Sociology: Sociology in Everyday Life **3.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPA 202 - Second Year Spanish II **4.00 credits**
- SPA 203 - Second Year Spanish III **4.00 credits**

Electives

Students must complete electives chosen from the AAOT-approved courses as required to bring the total number of credits to 90. Please, see an advisor for recommended courses.

It is recommended that student pursue these options:

1. Take courses that will apply to their minor of choice, that will transfer to the Oregon public university of their choice (work with an advisor)
2. Take courses that will apply to the general education or the major at the Oregon public university of their choice (work with an advisor)
3. Take electives to reach 90 credits, that will transfer to the Oregon public university of their choice (work with an advisor)

EXAMPLES OF ADDITIONAL GENERAL EDUCATION THAT WON'T RESULT IN EXCESS CREDIT (UNLESS NOTED) & TRANSFERS TO OREGON PUBLIC UNIVERSITIES <i>See an advisor for recommended courses</i>		
<i>Oral Communication</i>	SPE 111 or equivalent ¹ ¹ transfers to all Oregon public universities and fulfills general education, or at PSU counts toward UNST placement (see footnote below)	3 credits
<i>Arts and Letters</i>	Philosophy ² ² this course counts as "Aesthetics and Humanities" (AEH) at EOU, which is fulfilled by other courses in the MTM, so this course would be unnecessary (excess) general education credit at EOU and would count as an elective **** At PSU counts toward UNST placement (see footnote below)	3 credits
<i>Arts and Letters</i>	Music or Theater Appreciation courses ³ ³ this course is not necessary for general education at EOU and would count as an elective unless it is a music or theater performance class *4-credits chosen from one of the following areas will satisfy the PSU 4- cr. Fine & Performing Arts requirement: Architecture, Art History, Art, Dance, Film, Fine & Performing Arts (FPA), Music Education, Music, Applied Music, and Theater Arts	3 credits
<i>Social Science</i>	United States History (citizenship, social responsibility, global awareness) ⁴ ⁴ transfers to all Oregon public universities and fulfills general education, or at PSU counts toward UNST placement (see footnote below)	3 credits
<i>Science</i>	Biological or Physical Science ⁵ ⁵ students must take a different science course than the one they took for the Core Transfer Map portion, this transfers to all Oregon public universities but the Science requirements are	4-5 credits



	already filled for EOU and WOU so this could count as an elective and is unnecessary (excess) credit **** At PSU the Science requirements are also already satisfied, but these credits count toward UNST placement (see footnote below)	
--	---	--

******University Studies (UNST) is the name of PSU's 4-year General Education Program which includes a 15-credit Freshman Inquiry (FRINQ) requirement and a 12-credit Sophomore Inquiry (SINQ) requirement:** Students transferring with 30 or more credits will satisfy the FRINQ requirement; students transferring with 30-59 transfer credits are required to complete 3 SINQ courses; with 60-74 credits are required to complete 2 SINQ courses; with 75-89 are required to complete 1 SINQ course. Students transferring with 90 or more credits will begin with a 12-credit Junior-level Cluster and complete the 6-credit Capstone requirement.

Fall Term 2022

On Campus Courses

MTH 105.01	Math in Society (Prerequisites: MTH 065 or MTH 070 Or MTH 095 or MTH 098 or placement into MTH 105 and WRI 095 or WRI 121 or placement into WRI 121)	M, T, W, R	2:00 – 2:50
PSY 201A.01	General Psychology I (Prerequisite: WRI 121)	M, W, F	1:00 – 1:50
WRI 121.02	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better placement into WRI 121)	M, T, W, R	1:00 – 1:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Intro to Computing Skills Lab (Recommended: WRI 095 and keyboarding by touch)		
BIO 103.01DE BIO 103 I.01DE	Biology III Biology III Lab		
ENG 104.01DE	Intro to Literature (Explores fiction as an art form that provokes thought and challenges the social norms. Examines fictional works, such as short stories and novels, from diverse cultures and historical periods; consider these works as expressions of human experience) Corequisite: WRI 121		
ENV 170.01DE ENV 170L.01DE	Environmental Science Environmental Science Lab (Recommended: Placement into WRI 095)		
HST 101.01DE	Western Civilization I (Recommended WRI 121 Placement)		
MTH 111.01DE	College Algebra (Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111)		
WRI 121.02DE	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better placement into WRI 121)		


Winter Term 2023

On Campus Courses

BIO 212.01HX	Principles of Biology II (Pre-professional) (Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 095 or WRI 121 or placement into WRI 121)	M, W	10:00 – 11:50
BIO 212L.01	Principles of Biology II (Pre-professional)	W	1:00 – 3:50
WRI122.02	English Composition II (Prerequisite: WRI 121 with a grade of “C” or better)	T, R	1:00 – 2:50

Online Courses

BIO 212I.01DE	Principles of Biology II (Pre-professional) Lecture is available in person and/or through Distance Education (HX) Lab is available in person and online		
ECO 202.01DE	Principles of Economics: Macroeconomics (Recommended: Successful completion of MTH070 or above and WRI 121 placement)		
ENG 104.01DE	Intro to Literature (Fiction) (Corequisite: WRI 121) Can be taken at the same time as WRI121		
ENG 201.01DE	Shakespeare’s Early and Middle Works (Prerequisite: WR I121)		
ENG 240.01DE	Intro to Native American Literature (Prerequisite: WRI 121)		
MTH 105.01DE	Math in Society (Prerequisites: MTH 065 or MTH 070 or MTH 095 or MTH 098 or placement into MTH1 05 and WRI 095 or WRI 121 or placement into WRI 121.		
MTH 111.01DE	College Algebra Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111.		
PSY 201A.01DE	General Psychology I (Prerequisite: WRI 121)		



WRI 122.01DE English Composition II
(**Prerequisite:** WRI 121 with a grade of “C” or better)

Spring Term 2023

On Campus Courses

CHE 104.01HX	General Chemistry I	M, W	12:00 – 1:50
CHE 104L.01	General Chemistry I Lab	F	12:00 – 2:50
(Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 121)			

Online Courses

CHE 104L.01DE	General Chemistry I Lab		
ENG106.01DE	Intro to Literature (Poetry)		
Recommended: 100–level reading and WRI121			
GEO 107.01DE	Human Cultural Geography II		
(Recommended: WRI 121 placement)			
HST 201M.01DE	United States History I		
(Recommended: Placement scores at WRI 121)			
MTH 243.01DE	Statistics I		
(Prerequisite: MTH 095 with a grade of “C” or better or MTH 105 with a grade of “C” or better or MTH 111 with a grade of “C” or better or placement into MTH 111)			
PSY 225.01DE	Abnormal Psychology I		
(Prerequisite: WRI 121)			

Associate of Arts, Oregon Transfer (AAOT) – Exercise Science Emphasis

Two-Year Associate of Arts, Oregon Transfer Degree

The Associate of Arts Oregon Transfer (AAOT) degree prepares students to transfer to an Oregon university with the guarantee that the student has met all of the lower-division general education requirements for the Oregon universities. Upon acceptance at an Oregon university, the student is given “junior status” for registration purposes. The AAOT does not guarantee admissions into specific departments or programs and does not guarantee admission into the student’s Oregon university of choice.

Exercise Science connects science, medicine, and health to create a framework for understanding how the human body adapts to stresses, physical activity, and disease. Students will expand their understanding of the body, psyche, skill acquisition, and fitness, as well as the art and science of guiding others in health-related quests. A degree in exercise science can lead to work as a personal trainer, fitness consultant, athletic trainer, or strength and conditioning coach. However, a degree in exercise science also offers a strong foundation for pursuing advanced degrees in exercise-related fields.

Accreditation Information: <https://www.klamathcc.edu/en-us/about/accreditation>

Program Learning Outcomes

Upon successful completion of the Associate of Science in Exercise Science, the graduate will be able to:

- Differentiate the various professions to knowledgeably enter the field of health, sport, and exercise science.
- Describe the dimensions of health that impact personal wellness.
- Identify leadership and professional skills within the field of health, sport, and exercise science.
- Prepare exercise, and lifestyle behavioral plans to aid in human performance.
- Describe the impact of physical activity and nutrition on the human body.
- Experience the health, clinical, performance and education aspects of physical activity

Program Requirements

For courses to meet general education requirements, they must be collegiate-level numbered (e.g., 100 or higher). Colleges and universities may have particular general education requirements. Transfer students must be aware that the AAOT does not automatically fulfill course requirements for programs.

- All courses must be passed with a grade of “C” or better.
- Students must have a minimum cumulative GPA of 2.0 at the time the AAOT is awarded.
- Transfer students must be aware of the second language requirement for the particular school and bachelor’s degree they are seeking.

- Candidates for the degree must complete one course from any discipline studies that is designated as meeting the statewide criteria for cultural literacy.
- Candidates must complete a minimum of 24 credit hours at KCC. Challenge credits or credit transferred from another institution may not be used to fulfill this requirement.
- No more than nine credits of Special Studies or Work Experience apply.
- No more than three credits of physical education courses apply.
- Students must complete electives as required to bring the total number of credits to 90. Students should meet with transfer advisors to align elective coursework to meet Oregon university general education transfer requirements or workforce professional/technical requirements. Electives will vary with academic plans. See your advisor for more information.
- Only 12 credits of career and technical education courses can be taken in the AAOT.
- Number of credit hours necessary for completion: **90**.

Required Courses

Communication

Oral Communication

- SPE 111 - Fundamentals of Speech **3.00 credits or**
- SPE 111M - Fundamentals of Speech **5.00 credits**

Writing

Students must complete a minimum of eight credits in this general education requirement. For information about placement in a writing course, please refer to the: [Writing Pathway](#).

- WRI 121 - English Composition I **4.00 credits** or
- WRI 121M - English Composition I **5.00 credits**
and
- WRI 122 - English Composition II **4.00 credits** or
- WRI 122M - English Composition II **5.00 credits**
or
- WRI 227 - Technical Communication **4.00 credits**

Health and Wellness

Students must complete a minimum of three credits in this general education requirement.

- HPE 225 - Nutrition **3.00 credits**

Computation

Students must complete a minimum of four credits in this general education requirement. For information about placement in a math course, please refer to the: [Math Curriculum Pathway](#).

- MTH 111 - College Algebra **5.00 credits**
- MTH 112 - Elementary Functions **4.00 credits**
- MTH 243 - Statistics I **4.00 credits**
- MTH 251 - Calculus I **4.00 credits**
- MTH 252 - Calculus II **4.00 credits**
- MTH 253 - Calculus III **4.00 credits**
- MTH 254 - Vector Calculus **4.00 credits**

Arts & Letters

Students must complete a minimum of nine credits chosen from at least two disciplines in this general education requirement.

Additional Options

- Arts and Letters **course options**

Social Sciences

Students must complete a minimum of 12 credits chosen from at least two disciplines in this general education requirement.

Recommended Course

- POL 201 - Intro to US Government **3.00 credits**

Additional Options

[Social Sciences](#) options

Science / Math / Computer Science

Students must complete a minimum of 16 credits from at least two disciplines including at least three laboratory courses in biological and/or physical science.

Recommended Courses

- BIO 231 - Anatomy & Physiology I **3.00 credits**
- BIO 231L - Anatomy & Physiology I Lab **1.00 credit**
- BIO 232 - Anatomy & Physiology II **3.00 credits**
- BIO 232L - Anatomy & Physiology II Lab **1.00 credit**
- BIO 233 - Anatomy & Physiology III **3.00 credits**

- BIO 233L - Anatomy & Physiology III Lab **1.00 credit**
- MTH 243 - Statistics I **4.00 credits**

Additional Options

[Math / Science / Computer Science](#) options

Major Transfer Map Courses

Students must complete a minimum of 20 credits from the options below.

- HPE 131 - Introduction to Exercise/Sport Science **3.00 credits**
- HPE 260 - Anatomical Kinesiology **4.00 credits**
- HPE 261 - Exercise Physiology **4.00 credits**
- HPE 262 - Exercise Testing and Prescription **3.00 credits**
- HPE 270 - Sport and Exercise Psychology **3.00 credits**
- HPE 295 - Health & Fitness for Life **3.00 credits**

Recommended Electives

Students must complete a minimum of 14 credits from the options below.

- BIO 112 - Integrated Chemistry and Cell Biology for Health Occupations **3.00 credits**
- BUS 250 - Small Business Management **3.00 credits**
- CAS 133 - Intro to Computing Skills **3.00 credits**
- CAS 133L - Intro to Computing Skills Lab **1.00 credit**
- CGS 100 - College Survival & Success **3.00 credits**
- HEA 252 - First Aid Basics & Beyond **3.00 credits**
- MDA 101 - Medical Terminology I **3.00 credits**
- MTH 111 - College Algebra **5.00 credits**
- MTH 243 - Statistics I **4.00 credits**
- MTH 244 - Statistics II **4.00 credits**
- PSY 244 - Research Methods **3.00 credits**
- SPE 214 - Interpersonal Communication **3.00 credits**
- SPE 215 - Small Group Communication: Process & Theory **3.00 credits**
- TEX 280 - Coop Work Exp: Seminar **1.00 credit**
- WRI 227 - Technical Communication **4.00 credits**

Arts and Letters

- ART 131 - Intro to Drawing **3.00 credits**
- ART 211 - Modern Art History - 19th Century Art in Europe **3.00 credits**
- ART 212 - Modern Art History - Early 20th Century Art **3.00 credits**
- ART 213 - Modern Art History - Art Since 1945 **3.00 credits**
- ENG 104 - Intro to Literature (Fiction) **3.00 credits**

- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**
- ENG 201 - Shakespeare's Early and Middle Works **3.00 credits**
- ENG 202 - Shakespeare's Late Works **3.00 credits**
- ENG 213 - Latin American Literature **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENG 261 - Literature of Science Fiction **3.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**
- MUS 206 - History of Rock Music **3.00 credits**
- MUS 206M - History of Rock Music **5.00 credits**
- PHL 204 - Philosophy of Religion **3.00 credits**
- PHL 204M - Philosophy of Religion **5.00 credits**
- PHL 209 - Business Ethics **3.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPA 202 - Second Year Spanish II **4.00 credits**
- SPA 203 - Second Year Spanish III **4.00 credits**

Social Sciences

- ATH 101 - Intro to Physical Anthropology **3.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**
- GEO 106 - Human Cultural Geography I **3.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- HST 201 - United States History I: Colonial Period to 1840 **3.00 credits**
- HST 201M - United States History I **5.00 credits**
- HST 202 - United States History II: 1840 to 1914 **3.00 credits**
- HST 203 - United States History III: 1914 to Present **3.00 credits**
- HST 203M - United States History II **5.00 credits**
- PSY 201A - General Psychology I **3.00 credits**
- PSY 201M - General Psychology I **5.00 credits**
- PSY 202A - General Psychology II **3.00 credits**
- PSY 202M - General Psychology II **5.00 credits**
- PSY 203A - General Psychology III **3.00 credits**
- PSY 225 - Abnormal Psychology I **3.00 credits**
- PSY 226 - Abnormal Psychology II **3.00 credits**
- SOC 204 - General Sociology: Sociology in Everyday Life **3.00 credits**

Science / Math / Computer Science

- BIO 101 - Biology I **3.00 credits**
- BIO 101L - Biology I Lab **1.00 credit**
- BIO 102 - Biology II **3.00 credits**
- BIO 102L - Biology II Lab **1.00 credit**
- BIO 103 - Biology III **3.00 credits**
- BIO 103L - Biology III Lab **1.00 credit**
- BIO 211 - Principles of Biology 1 (Preprofessional) **4.00 credits**
- BIO 211L - Principles of Biology 1 Lab **1.00 credit**
- BIO 212 - Principles of Biology 2 (Preprofessional) **4.00 credits**
- BIO 212L - Principles of Biology 2 Lab **1.00 credit**
- BIO 213 - Principles of Biology 3 (Preprofessional) **4.00 credits**
- BIO 213L - Principles of Biology 3 Lab **1.00 credit**
- BIO 231 - Anatomy & Physiology I **3.00 credits**
- BIO 231L - Anatomy & Physiology I Lab **1.00 credit**
- BIO 232 - Anatomy & Physiology II **3.00 credits**
- BIO 232L – Anatomy & Physiology II Lab **1.00 credit**
- BIO 233 - Anatomy & Physiology III **3.00 credits**
- BIO 233L - Anatomy & Physiology III Lab **1.00 credit**
- BIO 234 - Microbiology I **4.00 credits**
- BIO 234L - Microbiology I Lab **1.00 credit**
- CHE 104 - General Chemistry I **4.00 credits**
- CHE 104L - General Chemistry I Lab **1.00 credit**
- CHE 105 - General Chemistry II **4.00 credits**
- CHE 105L - General Chem II Lab **1.00 credit**
- CHE 106 - General Chemistry III **4.00 credits**
- CHE 106L - General Chemistry III Lab **1.00 credit**
- CHE 221 - General Chemistry I (Preprofessional) **4.00 credits**
- CHE 221L - Gen Chemistry I Lab **1.00 credit**
- CHE 222 - General Chemistry II (Preprofessional) **4.00 credits**
- CHE 222L - General Chemistry II Lab **1.00 credit**
- CHE 223 - General Chemistry III (Preprofessional) **4.00 credits**
- CHE 223L - General Chemistry III Lab **1.00 credit**
- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credit**
- GEO 105 - Physical Geography **3.00 credits**
- GEO 105L - Physical Geography Lab **1.00 credit**
- GSC 107 - Physical Science (Astronomy) **3.00 credits**
- GSC 107L - Physical Science (Astronomy) Lab **1.00 credit**
- MTH 105 - Math in Society **4.00 credits**
- MTH 105M - Math in Society **5.00 credits**

- MTH 111 - College Algebra **5.00 credits**
- MTH 243 - Statistics I **4.00 credits**
- PHY 101 - Fundamentals of Physics I **3.00 credits**
- PHY 101L - Fundamentals of Physics I Lab **1.00 credit**
- PHY 102 - Fundamentals of Physics II **3.00 credits**
- PHY 102L - Fundamentals of Physics II Lab **1.00 credit**
- PHY 103 - Fundamentals of Physics III **3.00 credits**
- PHY 103L - Fundamentals of Physics III Lab **1.00 credit**
- PHY 201 - General Physics I (Algebra-based) **4.00 credits**
- PHY 201L - General Physics I Lab **1.00 credit**
- PHY 202 - General Physics II (Algebra-based) **4.00 credits**
- PHY 202L - General Physics II Lab **1.00 credit**
- PHY 203 - General Physics III (Algebra-based) **4.00 credits**
- PHY 203L - Gen Physics III Lab **1.00 credit**
- PHY 211 - General Physics I (Calculus-based) **4.00 credits**
- PHY 211L - General Physics I Lab **1.00 credit**
- PHY 212 - General Physics II (Calculus-based) **4.00 credits**
- PHY 212L - General Physics II Lab **1.00 credit**
- PHY 213 - General Physics III (Calculus-based) **4.00 credits**
- PHY 213L - General Physics III Lab **1.00 credit**

Fall Term 2022

On Campus Courses

ART 131.01	Intro to Drawing	T, R	1:00 – 3:50
PSY 201A.01	General Psychology I (Prerequisite: WRI 121)	M, W, F	1:00 – 1:50
WRI 121.02	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better placement into WRI 121)	M, T, W, R	1:00 – 1:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Intro to Computing Skills Lab (Recommended: WRI 095 and keyboarding by touch) (Prerequisite for BUS 214)		
BIO 103.01DE BIO 103 L.01DE	Biology III Biology III Lab		
ENG 104.01DE	Intro to Literature (Explores fiction as an art form that provokes thought and challenges the social norms. Examines fictional works, such as short stories and novels, from diverse cultures and historical periods; consider these works as expressions of human experience) Corequisite: WRI 121		
HPE 225.01DE	Nutrition		
HPE 295.01DE	Health & Fitness for Life		
HPE 131.01DE	Introduction to Exercise/Sport Science (Prerequisite: WRI 095 or WRI 121 or placement into WRI 095)		
HST 101.01DE	Western Civilization I (Recommended: WRI 121 Placement)		
MDA 101.01DE	Medical Terminology I		
MTH 111.01DE	College Algebra (Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111)		

Winter Term 2023

On Campus Courses

BIO 212.01HX	Principles of Biology II (Pre-professional) (Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 095 or WRI 121 or placement into WRI 121)	M, W	10:00 – 11:50
BIO 212L.01	Principles of Biology II (Pre-professional) lab	W	1:00 - 3:50

Online Courses

ART 213.01DE	Modern Art History – Art Since 1945 (Recommended: WRI 121 placement)		
BIO 212I.01DE	Principles of Biology II (Pre-professional) Lecture is available in person and/or through Distance Education (HX) Lab is available in person and online		
ECO 202.01DE	Principles of Economics: Macroeconomics (Recommended: Successful completion of MTH 070 or above and WRI 121 placement)		
ENG 105.01DE	Intro to Literature (Drama) (Corequisite: WRI 121) Can be taken at the same time as WRI121		
MUS 206M.01DE	History of Rock Music (Prerequisite: WRI 121)		
PHL 209.01DE	Business Ethics (Prerequisite: WRI 121)		
PSY 201A.01DE	General Psychology I (Prerequisite: WRI 121)		
SPE111.01DE	Fundamentals of Speech (Prerequisite: WRI 121)		
WRI 122.01DE	English Composition II (Prerequisite: WRI 121 with a grade of “C” or better)		

Spring Term 2023

On Campus Courses

BIO 213.01HX BIO 213L.01	Principles of Biology 3 (Preprofessional) Principles of Biology 3 Lab	M, W M	10:00 – 11:50 1:00 – 03:50
BIO 234.01HX BIO 234L.01	Microbiology I Microbiology I Lab (Prerequisites: MTH 095 and WRI 095)	T, R W	10:00 – 11:50 8:30 – 9:50
CHE 104.01HX CHE 104L.01	General Chemistry I General Chemistry I Lab (Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 121)	T F	10:00 – 11:50 9:00 – 11:50
SPE 111.01	Fundamentals of Speech	M, W	2:00 – 3:20

Online Courses

BIO 213L.01DE	Principles of Biology 3 (Preprofessional) Lab
BIO 234L.01DE	Microbiology I Lab (Prerequisites: MTH 095 and WRI 095)
CHE 104L.01DE	General Chemistry I Lab (Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 121)
ENG 106.01DE	Intro to Literature (Poetry) (Prerequisite: WRI 121)
MTH 112.01DE	Elementary Functions (Prerequisite: MTH 111 with a grade of “C” or better)
MTH 243.01DE	Statistics I (Prerequisite: MTH 095 with a grade of “C” or better or MTH 105 with a grade of “C” or better or MTH 111 with a grade of “C” or better or placement into MTH 111)
PSY 225.01DE	Abnormal Psychology I (Prerequisite: WRI 121)

Associate of General Studies (AGS)

Two-Year Associate of General Studies Degree

The Associate of General Studies (AGS) degree is designed for students who wish to acquire a broad education.

College work may include courses selected from a variety of professional/technical and college transfer courses. Because of the flexibility of this degree, it may not fulfill requirements for transfer to a university in Oregon. When selecting courses for this degree, students should consult [KCC advisors](#) and the institution to which they will transfer to make sure that they are taking the correct courses.

Accreditation Information: <https://www.klamathcc.edu/en-us/about/accreditation>

Program Requirements

For courses to meet general education requirements, they must be collegiate-level numbered (e.g., 100 or higher). Courses numbered below the 100 level do not apply to the degree but may be prerequisites to degree requirements.

- Candidates for the degree must earn a minimum of 90 credits.
- Students wishing to transfer must be aware of the second language requirement of the particular college and bachelor's degree they are seeking.
- Candidates for the degree must attend KCC and accumulate at least 24 credit hours of satisfactory work to establish residency. Non-traditional, challenge, or credits transferred from another institution may not be applied to the 24 credit-hour residency requirement. This requirement may not be waived.
- No more than twelve credits of work experience apply.
- No more than nine credits of Special Studies or Independent Study apply.
- No more than six credits of physical education courses apply.
- Candidates for the degree must have a minimum 2.0 cumulative grade point average.
- Students must complete electives as required to bring the total number of credits to 90. Students should meet with transfer advisors to align elective coursework to meet Oregon universities' general education transfer requirements or workforce professional/technical requirements. Electives will vary with academic plans. Advisor approval is required.
- Number of credit hours necessary for completion: **90**.

Required Courses

Student Success

- CGS 100 - College Survival & Success **3.00 credits**

Communications

A minimum of three credits are required from these options.

Information Systems

A minimum of three credits are required from these options.

- CAS 133 - Intro to Computing Skills **3.00 credits**
- CAS 133L - Intro to Computing Skills Lab **1.00 credit**
- CAS 170 - Spreadsheets **3.00 credits**
- CIS 151 - Network I **3.00 credits**
- CIS 151L - Network I Lab **1.00 credit**
- CIS 206 - Intro to Information Technology **3.00 credits**
- CIS 206L - Intro to Information Technology Lab **1.00 credit**
- EDU 133 - Computers in Education **3.00 credits**
- EDU 133L - Computers in Education Lab **1.00 credit**

Oral Communications

- SPE 111 - Fundamentals of Speech **3.00 credits** or
- SPE 111M - Fundamentals of Speech **5.00 credits** or
- SPE 214 - Interpersonal Communication **3.00 credits**

Writing

For information about placement in a writing course, please refer to the: [Writing Pathway](#).

- WRI 121 - English Composition I **4.00 credits** or
- WRI 121M - English Composition I **5.00 credits**
and
- WRI 122 - English Composition II **4.00 credits** or
- WRI 122M - English Composition II **5.00 credits**
or
- WRI 227 - Technical Communication **4.00 credits**

Health and Wellness

Student must select one course in this requirement.

- HEA 125 - First Aid & Industrial Safety **3.00 credits**
- HEA 252 - First Aid Basics & Beyond **3.00 credits**
- HPE 225 - Nutrition **3.00 credits**
- HPE 295 - Health & Fitness for Life **3.00 credits**

Computation

A minimum of four credits are required from these options.

For information about placement in a math course, please refer to the: [Math Curriculum Pathway](#).

- MTH 105 - Math in Society **4.00 credits**
- MTH 105M - Math in Society **5.00 credits**
- MTH 111 - College Algebra **5.00 credits**
- MTH 112 - Elementary Functions **4.00 credits**
- MTH 130 - CTE Mathematics **5.00 credits**
- MTH 211 - Foundations of Elementary Math I **4.00 credits**
- MTH 212 - Foundations of Elementary Math II **4.00 credits**
- MTH 213 - Foundations of Elementary Math III **4.00 credits**
- MTH 243 - Statistics I **4.00 credits**
- MTH 251 - Calculus I **4.00 credits**
- MTH 252 - Calculus II **4.00 credits**
- MTH 253 - Calculus III **4.00 credits**
- MTH 254 - Vector Calculus **4.00 credits**

Arts and Letters

A minimum of six Arts and Letters credits are required from these options.

Additional Options

- Arts and Letters course options

Social Sciences

A minimum of six Social Sciences credits are required from these options.

Additional Options

- Social Sciences course options

Science / Math / Computer Science

A minimum of eight credits are required from these options, must include at least one laboratory course.

- BIO 101 - Biology I **3.00 credits**
- BIO 101L - Biology I Lab **1.00 credit**
- BIO 102 - Biology II **3.00 credits**
- BIO 102L - Biology II Lab **1.00 credit**
- BIO 103 - Biology III **3.00 credits**
- BIO 103L - Biology III Lab **1.00 credit**

- BIO 112 - Integrated Chemistry and Cell Biology for Health Occupations **3.00 credits**
- BIO 112L -Integrated Chemistry & Cell Biology for Health Occupations Lab **1.00 credit**
- BIO 211 – Principles of Biology 1 (Preprofessional) **4.00 credits**
- BIO 211L - Principles of Biology 1 Lab **1.00 credit**
- BIO 212 - Principles of Biology 2 (Preprofessional) **4.00 credits**
- BIO 212L - Principles of Biology 2 Lab **1.00 credit**
- BIO 213 - Principles of Biology 3 (Preprofessional) **4.00 credits**
- BIO 213L - Principles of Biology 3 Lab **1.00 credit**
- BIO 227 - Introduction to Forensic Science **3.00 credits**
- BIO 227L - Introduction to Forensic Science Lab **1.00 credit**
- BIO 231 - Anatomy & Physiology I **3.00 credits**
- BIO 231L - Anatomy & Physiology I Lab **1.00 credit**
- BIO 232 - Anatomy & Physiology II **3.00 credits**
- BIO 232L - Anatomy & Physiology II Lab **1.00 credit**
- BIO 233 - Anatomy & Physiology III **3.00 credits**
- BIO 233L - Anatomy & Physiology III Lab **1.00 credit**
- BIO 234 - Microbiology I **4.00 credits**
- BIO 234L - Microbiology I Lab **1.00 credit**
- BIO 240 - Forensic DNA Biology **3.00 credits**
- BIO 240L - Forensic DNA Biology Lab **1.00 credit**
- BIO 270 - Ecosystems **3.00 credits**
- BIO 270L - Ecosystems Lab **1.00 credit**
- CHE 104 - General Chemistry I **4.00 credits**
- CHE 104L - General Chemistry I Lab **1.00 credit**
- CHE 105 - General Chemistry II **4.00 credits**
- CHE 105L - General Chemistry II Lab **1.00 credit**
- CHE 106 - General Chemistry III **4.00 credits**
- CHE 106L - Gen Chemistry III Lab **1.00 credit**
- CHE 221 - General Chemistry I (Preprofessional) **4.00 credits**
- CHE 221L - General Chemistry I Lab **1.00 credit**
- CHE 222 - General Chemistry II (Preprofessional) **4.00 credits**
- CHE 222L - General Chemistry II Lab **1.00 credit**
- CHE 223 - General Chemistry III (Preprofessional) **4.00 credits**
- CHE 223L - General Chemistry III Lab **1.00 credit**
- CIS 206 - Intro to Information Technology **3.00 credits**
- CIS 206L - Intro to Information Technology Lab **1.00 credit**
- CIS 275 - Database I **3.00 credits**
- CIS 275L - Database I Lab **1.00 credit**
- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credit**
- GEO 105 - Physical Geography **3.00 credits**
- GEO 105L - Physical Geography Lab **1.00 credit**
- GSC 107 - Physical Science (Astronomy) **3.00 credits**

- GSC 107L - Physical Science (Astronomy) Lab **1.00 credit**
- MTH 111 - College Algebra **5.00 credits**
- MTH 112 - Elementary Functions **4.00 credits**
- MTH 243 - Statistics I **4.00 credits**
- MTH 244 - Statistics II **4.00 credits**
- MTH 251 - Calculus I **4.00 credits**
- MTH 252 - Calculus II **4.00 credits**
- MTH 254 - Vector Calculus **4.00 credits**
- PHY 201 - General Physics I (Algebra-based) **4.00 credits**
- PHY 201L - General Physics I Lab **1.00 credit**
- PHY 202 - General Physics II (Algebra-based) **4.00 credits**
- PHY 202L - General Physics II Lab **1.00 credit**
- PHY 203 - General Physics III (Algebra-based) **4.00 credits**
- PHY 203L - General Physics III Lab **1.00 credit**
- PHY 211 - General Physics I (Calculus-based) **4.00 credits**
- PHY 211L - General Physics I Lab **1.00 credit**

Electives

Students must complete electives as required to bring the total number of credits to **90**.

Arts and Letters course options

- ART 102 - Intro to Art History: Visual Arts **3.00 credits**
- ART 115 - Basic Design: 2-D Black and White **3.00 credits**
- ART 116 - Basic Design: 2-D Color **3.00 credits**
- ART 117 - Basic Design: 3-D Foundations **3.00 credits**
- ART 131 - Intro to Drawing **3.00 credits**
- ART 154 - Ceramics I **3.00 credits**
- ART 155 - Ceramics II **3.00 credits**
- ART 211 - Modern Art History - 19th Century Art in Europe **3.00 credits**
- ART 212 - Modern Art History - Early 20th Century Art **3.00 credits**
- ART 213 - Modern Art History - Art Since 1945 **3.00 credits**
- ART 231 - Drawing II **3.00 credits**
- ART 265 - Art for Teachers **3.00 credits**
- ART 281 - Painting **3.00 credits**
- ART 284 - Watercolor I **3.00 credits**
- ART 293 - Sculpture **3.00 credits**
- ENG 104 - Intro to Literature (Fiction) **3.00 credits**
- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**
- ENG 201 - Shakespeare's Early and Middle Works **3.00 credits**
- ENG 202 - Shakespeare's Late Works **3.00 credits**
- ENG 206 - Survey of English Literature 19th & 20th Century **3.00 credits**

- ENG 213 - Latin American Literature **3.00 credits**
- ENG 216 - Intro Lit Children and Young Adults **3.00 credits**
- ENG 220 - Intro to Non-European Literature **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENG 261 - Literature of Science Fiction **3.00 credits**
- ENG 275 - Bible as Literature **3.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**
- MUS 206 - History of Rock Music **3.00 credits**
- MUS 206M - History of Rock Music **5.00 credits**
- MUS 265 - Music for Teachers **3.00 credits**
- PHL 103 - Critical Thinking **3.00 credits**
- PHL 204 - Philosophy of Religion **3.00 credits**
- PHL 204M - Philosophy of Religion **5.00 credits**
- PHL 209 - Business Ethics **3.00 credits**
- SPA 101 - First Year Spanish I **4.00 credits**
- SPA 101M - First Year Spanish I **5.00 credits**
- SPA 102 - First Year Spanish II **4.00 credits**
- SPA 103 - First Year Spanish III **4.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPA 202 - Second Year Spanish II **4.00 credits**
- SPA 203 - Second Year Spanish III **4.00 credits**
- SPE 215 - Small Group Communication: Process & Theory **3.00 credits**
- WRI 241 - Creative Writing - Fiction Workshop **3.00 credits**
- WRI 242 - Creative Writing - Poetry Workshop **3.00 credits**
- WRI 244 - Creative Writing - Advanced Fiction Workshop **3.00 credits**
- WRI 245 - Creative Writing - Advanced Poetry Workshop **3.00 credits**

Social Sciences course options

- BUS 285 - Human Relations in Organizations **3.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**
- GEO 106 - Human Cultural Geography I **3.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- HST 201 - United States History I: Colonial Period to 1840 **3.00 credits**
- HST 201M - United States History I **5.00 credits**
- HST 202 - United States History II: 1840 to 1914 **3.00 credits**
- HST 203 - United States History III: 1914 to Present **3.00 credits**

- HST 203M - United States History II **5.00 credits**
- POL 201 - Intro to US Government **3.00 credits**
- POL 203 - State & Local Government **3.00 credits**
- PSY 101 - Psychology & Human Relations **3.00 credits**
- PSY 201A - General Psychology I **3.00 credits**
- PSY 201M - General Psychology I **5.00 credits**
- PSY 202A - General Psychology II **3.00 credits**
- PSY 202M - General Psychology II **5.00 credits**
- PSY 203A - General Psychology III **3.00 credits**
- PSY 225 - Abnormal Psychology I **3.00 credits**
- PSY 226 - Abnormal Psychology II **3.00 credits**
- PSY 228 - Positive Psychology **4.00 credits**
- PSY 233 - Psychology of Violence and Aggression **4.00 credits**
- PSY 235 - Human Growth & Development I **3.00 credits**
- PSY 236 - Human Growth & Development II **3.00 credits**
- SOC 204 - General Sociology: Sociology in Everyday Life **3.00 credits**


Fall Term 2022

On Campus Courses

ART 131.01	Intro to Drawing	T, R	1:00 – 3:50
MTH 105.01	Math in Society (Prerequisites: MTH 065 or MTH 070 or MTH 095 or MTH 098 or placement into MTH 105 and WRI 095 or WRI 121 or placement into WRI 121)	M, T, W, R	2:00 – 2:50
WRI 121.02	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better placement into WRI 121)	M, T, W, R	1:00 – 1:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.02DE CAS 133L.02DE	Intro to Computing Skills Intro to Computing Skills Lab (Recommended: WRI 095 and keyboarding by touch) (Prerequisite for BUS 214)		
BIO 103.01DE BIO 103 I.01DE	Biology III Biology III Lab		
ENG 104.01DE	Intro to Literature (Explores fiction as an art form that provokes thought and challenges the social norms. Examines fictional works, such as short stories and novels, from diverse cultures and historical periods; consider these works as expressions of human experience) Corequisite: WRI 121		
ENV 170.01DE ENV 170L.01DE	Environmental Science (Recommended: Placement into WRI 095) Environmental Science Lab		
HST 101.01DE	Western Civilization I (Recommended WRI 121 Placement)		
HPE 225.01DE	Nutrition		
HPE 295.01DE	Health & Fitness for Life		

- 
- MTH 105.01DE Math in Society
(**Prerequisites:** MTH 065 **or** MTH 070 **or** MTH 095 **or** MTH 098 **or** placement into MTH 105 **and** WRI 095 **or** WRI 121 **or** placement into WRI 121)
- MTH 111.01DE College Algebra
(**Prerequisite:** MTH 095 with a grade of “C” **or** better **or** placement into MTH 111)
- PSY 233.01DE Psychology of Violence and Aggression
(**Prerequisite:** WRI 121 **or** placement into WRI 121)
- SPA 101.01DE First Year Spanish I
- WRI 121.02DE English Composition I
(**Prerequisite:** WRI 095 with a grade of “C” **or** better placement into WRI 121)


Winter Term 2023

On Campus Courses

ART 265.01	Art for Teachers	M, W	1:00 – 2:20
BIO 212.01HX	Principles of Biology II (Pre-professional) (Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 095 or WRI 121 or placement into WRI 121)	M, W	10:00 – 11:50
BIO 212L.01	Principles of Biology II (Pre-professional)	W	1:00 – 3:50

Online Courses

BIO 212I.01DE	Principles of Biology II (Pre-professional) Lecture is available in person and/or through Distance Education (HX) Lab is available in person and online		
BUS 285.01DE	Human Relations in Organizations		
ECO 202.01DE	Principles of Economics: Macroeconomics (Recommended: Successful completion of MTH 070 or a above and WRI 121 placement)		
EDU 133.01DE EDU 133L.01DE	Computers in Education Computers in Education Lab		
ENG 104.01DE	Intro to Literature (Fiction) (Corequisite: WRI 121) Can be taken at the same time as WRI 121		
MTH 105.01DE	Math in Society (Prerequisites: MTH 065 or MTH 070 or MTH 095 or MTH 098 or placement into MTH 105 and WRI 095 or WRI 121 or placement into WRI 121.		
MTH 111.01DE	College Algebra Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111.		
MUS 206M.01DE	History of Rock Music (Prerequisite: WRI 121)		
PHL 103.01DE	Critical Thinking (Prerequisite: WRI 095 or WRI 121 or placement into WRI 121)		

- 
- PSY 201A.01DE General Psychology I
(**Prerequisite:** WRI 121)
- PSY 235.01DE Human Growth & Development I
(**Recommended:** Previous coursework in psychology)
- SPE111.01DE Fundamentals of Speech
(**Prerequisite:** WRI 121)
- WRI 122.01DE English Composition II
(**Prerequisite:** WRI 121 with a grade of “C” or better)

Spring Term 2023

On Campus Courses

CHE 104.01HX	General Chemistry I	M, W	12:00 – 1:50
CHE 104L.01	General Chemistry I Lab	F	12:00 – 2:50

(Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 121)

Online Courses

BIO 102.01DE	Biology II		
BIO 102L.01DE	Biology II Lab		

Prerequisites: MTH 070 or MTH 095 or MTH 111 or placement into MTH 095 or MTH 111 and WRI 095 or WRI 121 or placement into WRI 121. Corequisite: BIO 102L.

CHE 104L.01DE	General Chemistry I Lab		
ECO 201.01DE	Principles of Economics: Macroeconomics (Recommended: Successful completion of MTH 070 or above and WRI 121 placement)		
ENG 106.01DE	Intro to Literature (Poetry) Recommended: 100–level reading and WRI121		
HST 201M.01DE	United States History I (Recommended: Placement scores at WRI 121)		
MTH 243.01DE	Statistics I (Prerequisite: MTH 095 with a grade of “C” or better or MTH 105 with a grade of “C” or better or MTH 111 with a grade of “C” or better or placement into MTH 111)		
PSY 225.01DE	Abnormal Psychology I (Prerequisite: WRI 121)		
SPE 111.01DE	Fundamentals of Speech (Prerequisite: WRI 121)		
WRI 122.03DE	English Composition II (Prerequisite: WRI 121 with a grade of “C” or better)		

Associate of Science (AS)

Two-Year Associate of Science Degree

The Associate of Science (AS) degree is designed for students planning to transfer credits to a baccalaureate degree program at a four-year institution. It allows more freedom in course selection than the Associate of Arts Oregon Transfer degree; however, because of the flexibility of this degree, it may not fulfill requirements for transfer to a university in Oregon. When selecting courses for this degree, students should consult [KCC advisors](#) and the institution to which they will transfer to make sure that they are taking the correct courses.

Environmental Emphasis

KCC offers students the opportunity to earn an Associate of Science degree with an emphasis in environmental science in preparation for a bachelor's degree in environmental studies or environmental science (if transferred to a four-year program at a college or university).

Program Requirements

For courses to meet general education requirements, they must be collegiate-level numbered (e.g., 100). Courses numbered below the 100 level do not apply to the degree but are prerequisites to degree requirements.

- Transfer students must be aware of the second language requirement for the particular college and bachelor's degree they are seeking.
- Candidates for the degree must attend KCC and accumulate at least 24 credit hours of satisfactory work to establish residency. Non-traditional, challenge, or credit transferred from another institution may not be applied to the 24 credit-hour residency requirement. This requirement may not be waived.
- No more than nine credits of Special Studies or Work Experience apply.
- No more than three credits of physical education courses apply.
- Students must complete electives as required to bring the total number of credits to 90. Students should meet with transfer advisors to align elective coursework to meet Oregon universities' general education transfer requirements or workforce professional/technical requirements. Electives will vary with academic plans. Advisor approval is required.
- Number of credit hours necessary for completion: **90**

Required Courses

Student Success

- CGS 100 - College Survival & Success **3.00 credits**

Communications

Oral Communications

- SPE 111 - Fundamentals of Speech *3.00 credits or*
- SPE 111M - Fundamentals of Speech *5.00 credits*

Writing

For information about placement in a writing course, please refer to the: *Writing Pathway*.

- WRI 121 - English Composition I *4.00 credits or*
- WRI 121M - English Composition I *5.00 credits*
and
- WRI 122 - English Composition II *4.00 credits or*
- WRI 122M - English Composition II *5.00 credits*
or
- WRI 227 - Technical Communication *4.00 credits*

Health and Wellness

Student must select one course in this requirement.

- HPE 207 - Stress Management *3.00 credits*
- HPE 225 - Nutrition *3.00 credits*
- HPE 295 - Health & Fitness for Life *3.00 credits*

Environmental Emphasis

To complete the requirements of the Environmental Emphasis the following course is required.

- HPE 225 - Nutrition *3.00 credits*

Computation

Students must complete four credits in this general education requirement.

For information about placement in a math course, please refer to the: Math Curriculum Pathway.

- MTH 105 - Math in Society *4.00 credits*
- MTH 105M - Math in Society *5.00 credits*
- MTH 111 - College Algebra *5.00 credits*
- MTH 112 - Elementary Functions *4.00 credits*
- MTH 243 - Statistics I *4.00 credits*
- MTH 251 - Calculus I *4.00 credits*
- MTH 252 - Calculus II *4.00 credits*
- MTH 253 - Calculus III *4.00 credits*

- MTH 254 - Vector Calculus **4.00 credits**

Environmental Emphasis

To complete the requirements of the Environmental Emphasis, the following course is required.

- MTH 111 - College Algebra **5.00 credits**

Arts and Letters

Students must complete nine credits chosen from at least two disciplines in this general education requirement.

Additional Options

- **Arts and Letters course options**

Social Sciences

Students must complete nine credits chosen from at least two disciplines in this area.

Additional Options

- **Social Sciences course options**

Science / Math / Computer Science

Students must complete 24 credits from at least two disciplines including at least three laboratory courses in biological and/or physical science.

Additional Options

- **Science/Math/Computer Science course options**

Environmental Emphasis Required Courses

The following courses are required for the Environmental Emphasis.

- BIO 211 - Principles of Biology 1 (Preprofessional) **4.00 credits**
- BIO 211L - Principles of Biology 1 Lab **1.00 credit**
- BIO 212 - Principles of Biology 2 (Preprofessional) **4.00 credits**
- BIO 212L - Principles of Biology 2 Lab **1.00 credit**
- BIO 213 - Principles of Biology 3 (Preprofessional) **4.00 credits**
- BIO 213L - Principles of Biology 3 Lab **1.00 credit**
- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credit**
- MTH 112 - Elementary Functions **4.00 credits**
- MTH 243 - Statistics I **4.00 credits**

Electives

Students must complete electives as required to bring the total number of credits to **90**.

- BIO 234 - Microbiology / **4.00 credits**
- BIO 234L - Microbiology I Lab **1.00 credits**
- CAS 133 - Intro to Computing Skills **3.00 credits**
- CAS 133L - Intro to Computing Skills Lab **1.00 credit**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- SPE 215 - Small Group Communication: Process & Theory **3.00 credits**

Environmental Emphasis Recommended Courses

These courses are recommended for the Environmental Emphasis.

- BIO 234 - Microbiology I **4.00 credits**
- BIO 234L - Microbiology I Lab **1.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- SPE 215 - Small Group Communication: Process & Theory **3.00 credits**

Arts and Letters course options

- ART 102 - Intro to Art History: Visual Arts **3.00 credits**
- ART 115 - Basic Design: 2-D Black and White **3.00 credits**
- ART 116 - Basic Design: 2-D Color **3.00 credits**
- ART 117 - Basic Design: 3-D Foundations **3.00 credits**
- ART 131 - Intro to Drawing **3.00 credits**
- ART 154 - Ceramics I **3.00 credits**
- ART 155 - Ceramics II **3.00 credits**
- ART 211 - Modern Art History - 19th Century Art in Europe **3.00 credits**
- ART 212 - Modern Art History - Early 20th Century Art **3.00 credits**
- ART 213 - Modern Art History - Art Since 1945 **3.00 credits**
- ART 231 - Drawing II **3.00 credits**
- ART 265 - Art for Teachers **3.00 credits**
- ART 281 - Painting **3.00 credits**
- ART 284 - Watercolor / **3.00 credits**
- ART 293 - Sculpture **3.00 credits**
- ENG 104 - Intro to Literature (Fiction) **3.00 credits**
- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**
- ENG 201 - Shakespeare's Early and Middle Works **3.00 credits**
- ENG 202 - Shakespeare's Late Works **3.00 credits**
- ENG 206 - Survey of English Literature 19th & 20th Century **3.00 credits**
- ENG 213 - Latin American Literature **3.00 credits**

- ENG 216 - Intro Lit Children and Young Adults **3.00 credits**
- ENG 220 - Intro to Non-European Literature **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENG 261 - Literature of Science Fiction **3.00 credits**
- ENG 275 - Bible as Literature **3.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**
- MUS 206 - History of Rock Music **3.00 credits**
- MUS 206M - History of Rock Music **5.00 credits**
- MUS 265 - Music for Teachers **3.00 credits**
- PHL 103 - Critical Thinking **3.00 credits**
- PHL 204 - Philosophy of Religion **3.00 credits**
- PHL 204M - Philosophy of Religion **5.00 credits**
- PHL 209 - Business Ethics **3.00 credits**
- SPA 101 - First Year Spanish I **4.00 credits**
- SPA 101M - First Year Spanish I **5.00 credits**
- SPA 102 - First Year Spanish II **4.00 credits**
- SPA 103 - First Year Spanish III **4.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPA 202 - Second Year Spanish II **4.00 credits**
- SPA 203 - Second Year Spanish III **4.00 credits**
- SPE 215 - Small Group Communication: Process & Theory **3.00 credits**
- WRI 241 - Creative Writing - Fiction Workshop **3.00 credits**
- WRI 242 - Creative Writing - Poetry Workshop **3.00 credits**
- WRI 244 - Creative Writing - Advanced Fiction Workshop **3.00 credits**
- WRI 245 - Creative Writing - Advanced Poetry Workshop **3.00 credits**

Social Sciences course options

- BUS 285 - Human Relations in Organizations **3.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**
- GEO 106 - Human Cultural Geography I **3.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- HST 201 - United States History I: Colonial Period to 1840 **3.00 credits**
- HST 201M - United States History I **5.00 credits**
- HST 202 - United States History II: 1840 to 1914 **3.00 credits**
- HST 203 - United States History III: 1914 to Present **3.00 credits**
- HST 203M - United States History II **5.00 credits**
- POL 201 - Intro to US Government **3.00 credits**

- POL 203 - State & Local Government **3.00 credits**
- PSY 101 - Psychology & Human Relations **3.00 credits**
- PSY 201A - General Psychology I **3.00 credits**
- PSY 201M - General Psychology I **5.00 credits**
- PSY 202A - General Psychology II **3.00 credits**
- PSY 202M - General Psychology II **5.00 credits**
- PSY 203A - General Psychology III **3.00 credits**
- PSY 225 - Abnormal Psychology I **3.00 credits**
- PSY 226 - Abnormal Psychology II **3.00 credits**
- PSY 228 - Positive Psychology **4.00 credits**
- PSY 233 - Psychology of Violence and Aggression **4.00 credits**
- PSY 235 - Human Growth & Development I **3.00 credits**
- PSY 236 - Human Growth & Development II **3.00 credits**
- SOC 204 - General Sociology: Sociology in Everyday Life **3.00 credits**

Science / Math / Computer Science Additional Course Options

- BIO 101 - Biology I **3.00 credits**
- BIO 101L - Biology I Lab **1.00 credit**
- BIO 102 - Biology II **3.00 credits**
- BIO 102L - Biology II Lab **1.00 credit**
- BIO 103 - Biology III **3.00 credits**
- BIO 103L - Biology III Lab **1.00 credit**
- BIO 112 - Integrated Chemistry and Cell Biology for Health Occupations **3.00 credits**
- BIO 112L - Integrated Chemistry & Cell Biology for Health Occupations Lab **1.00 credit**
- BIO 207 - Medical Genetics **3.00 credits**
- BIO 207L - Medical Genetics Lab **1.00 credit**
- BIO 211 - Principles of Biology 1 (Preprofessional) **4.00 credits**
- BIO 211L - Principles of Biology 1 Lab **1.00 credit**
- BIO 212 - Principles of Biology 2 (Preprofessional) **4.00 credits**
- BIO 212L - Principles of Biology 2 Lab **1.00 credit**
- BIO 213 - Principles of Biology 3 (Preprofessional) **4.00 credits**
- BIO 213L - Principles of Biology 3 Lab **1.00 credit**
- BIO 231 - Anatomy & Physiology I **3.00 credits**
- BIO 231L - Anatomy & Physiology I Lab **1.00 credit**
- BIO 232 - Anatomy & Physiology II **3.00 credits**
- BIO 232L - Anatomy & Physiology II Lab **1.00 credit**
- BIO 233 - Anatomy & Physiology III **3.00 credits**
- BIO 233L - Anatomy & Physiology III Lab **1.00 credit**
- BIO 234 - Microbiology I **4.00 credits**
- BIO 234L - Microbiology I Lab **1.00 credit**
- BIO 270 - Ecosystems **3.00 credits**
- BIO 270L - Ecosystems Lab **1.00 credit**
- CHE 104 - General Chemistry I **4.00 credits**

- CHE 104L - General Chemistry I Lab **1.00 credit**
- CHE 105 - General Chemistry II **4.00 credits**
- CHE 105L - General Chemistry II Lab **1.00 credit**
- CHE 106 - General Chemistry III **4.00 credits**
- CHE 106L – General Chemistry III Lab **1.00 credit**
- CHE 221 - General Chemistry I (Preprofessional) **4.00 credits**
- CHE 221L - General Chemistry I Lab **1.00 credit**
- CHE 222 - General Chemistry II (Preprofessional) **4.00 credits**
- CHE 222L - General Chemistry II Lab **1.00 credit**
- CHE 223 - General Chemistry III (Preprofessional) **4.00 credits**
- CHE 223L - General Chemistry III Lab **1.00 credit**
- CHE 241 - Organic Chemistry I **4.00 credits**
- CHE 241L - Organic Chemistry I Lab **1.00 credit**
- CHE 242 - Organic Chemistry II **4.00 credits**
- CHE 242L - Organic Chemistry II Lab **1.00 credit**
- CHE 243 - Organic Chemistry III **4.00 credits**
- CHE 243L - Organic Chemistry III Lab **1.00 credit**
- CIS 206 - Intro to Information Technology **3.00 credits**
- CIS 206L - Intro to Information Technology Lab **1.00 credit**
- CIS 275 - Database I **3.00 credits**
- CIS 275L - Database I Lab **1.00 credit**
- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credit**
- GEO 105 - Physical Geography **3.00 credits**
- GEO 105L - Physical Geography Lab **1.00 credit**
- GSC 107 - Physical Science (Astronomy) **3.00 credits**
- GSC 107L - Physical Science (Astronomy) Lab **1.00 credit**
- MTH 112 - Elementary Functions **4.00 credits**
- MTH 243 - Statistics I **4.00 credits**
- MTH 244 - Statistics II **4.00 credits**
- MTH 251 - Calculus I **4.00 credits**
- MTH 252 - Calculus II **4.00 credits**
- MTH 254 - Vector Calculus **4.00 credits**
- MTH 256 - Differential Equations **4.00 credits**
- MTH 261 - Linear Algebra **4.00 credits**
- PHY 101 - Fundamentals of Physics I **3.00 credits**
- PHY 101L - Fundamentals of Physics I Lab **1.00 credit**
- PHY 102 - Fundamentals of Physics II **3.00 credits**
- PHY 102L - Fundamentals of Physics II Lab **1.00 credit**
- PHY 103 - Fundamentals of Physics III **3.00 credits**
- PHY 103L - Fundamentals of Physics III Lab **1.00 credit**
- PHY 201 - General Physics I (Algebra-based) **4.00 credits**
- PHY 201L - General Physics I Lab **1.00 credit**
- PHY 202 - General Physics II (Algebra-based) **4.00 credits**

- PHY 202L - General Physics II Lab **1.00 credit**
- PHY 203 - General Physics III (Algebra-based) **4.00 credits**
- PHY 203L - General Physics III Lab **1.00 credit**
- PHY 211 - General Physics I (Calculus-based) **4.00 credits**
- PHY 211L - General Physics I Lab **1.00 credit**
- PHY 212 - General Physics II (Calculus-based) **4.00 credits**
- PHY 212L - General Physics II Lab **1.00 credit**
- PHY 213 - General Physics III (*Calculus-based*) **4.00 credits**
- PHY 213L - General Physics III Lab **1.00 credit**

Fall Term 2022

On Campus Courses

ART 131.01	Intro to Drawing	M, W	1:00 – 3:50
WRI 121.02	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better placement into WRI 121)	M, T, W, R	1:00 – 1:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Intro to Computing Skills Lab		
BIO 103.01DE BIO 103 I.01DE	Biology III Biology III Lab		
ECO 201.01DE	Principles of Economics: Microeconomics (Recommendation: Successful completion of MTH 070 or above and WRI 121 placement)		
ENV 170.01DE ENV 170L.01DE	Environmental Science (Recommended: Placement into WRI 095) Environmental Science Lab		
HPE 225.01DE	Nutrition		
HST 101.01DE	Western Civilization I (Recommended WRI 121 Placement)		
MTH 111.01DE	College Algebra (Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111)		
PSY 233.01DE	Psychology of Violence and Aggression (Prerequisite: WRI 121 or placement into WRI 121)		
PSY 235.01DE	Human Growth & Development I (Recommended: previous coursework in psychology)		
SPA 101.01DE	First Year Spanish I		


Winter Term 2023

On Campus Courses

ART 265.01	Art for Teachers	M, W	1:00 – 2:20
BIO 212.01HX	Principles of Biology II (Pre-professional) (Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 095 or WRI 121 or placement into WRI 121)	M, W	10:00 – 11:50
BIO 212L.01	Principles of Biology II (Pre-professional)	W	1:00 – 3:50
MTH 112.01HX	Elementary Functions (Prerequisite: MTH 111 with a grade of “C” or better)	M, T, W, R	2:30 – 3:20
WRI122.02	English Composition II (Prerequisite: WRI 121 with a grade of “C” or better)	T, R	1:00 – 2:50

Online Courses

BIO 112.01DE	Integrated Chemistry and Cell Biology for Health Occupations (Recommended: MTH 070 or MTH 095 or MTH 111 or placement into MTH 070)
BIO 112L.01DE	Integrated Chemistry and Cell Biology for Health Occupations Lab
BIO 212I.01DE	Principles of Biology II (Pre-professional) Lecture is available in person and/or through Distance Education (HX) Lab is available in person and online
BUS 285.01DE	Human Relations in Organizations
ECO 202.01DE	Principles of Economics: Macroeconomics (Recommended: Successful completion of MTH 070 or above and WRI 121 placement)
ENG 104.01DE	Intro to Literature (Fiction) (Corequisite: WRI 121) Can be taken at the same time as WRI121
HPE207.01DE	Stress Management

- 
- MTH 105M.01DE Math in Society
(Prerequisites: MTH 065 **or** MTH 070 **or** MTH 095 **or** MTH 098
or placement into MTH 105 **and** WRI 095 **or** WRI 121 **or**
placement into WRI 121)
- MTH 112.01HX Elementary Functions
(**Prerequisite:** MTH 111 with a grade of “C” or better)
- MUS 206M.01DE History of Rock Music
(**Prerequisite:** WRI 121)
- PHL 103.01DE Critical Thinking
(**Prerequisite:** WRI 095 **or** WRI 121 **or** placement into WRI 121)
- PSY 201A.01DE General Psychology I
(**Prerequisite:** WRI 121)
- SPE111.01DE Fundamentals of Speech
(**Prerequisite:** WRI 121)
- WRI 122M.01DE English Composition II
(**Prerequisite:** WRI 121 with a grade of “C” or better)

Spring Term 2023

On Campus Courses

SPE 111.01	Fundamentals of Speech (Prerequisite: WRI 121)	M, W	2:00 – 3:20
------------	---	------	-------------

Online Courses

ART 213.01DE	Modern Art History – Art Since 1945 (Recommended: WRI 121)
--------------	---

ENG 106.01DE	Intro to Literature (Poetry) Recommended: 100–level reading and WRI 121
--------------	---

GEO 107.01DE	Human Cultural Geography II (Recommended: WRI 121 placement)
--------------	---

MTH 243.01DE	Statistics I (Prerequisite: MTH 095 with a grade of “C” or better or MTH 105 with a grade of “C” or better or MTH 111 with a grade of “C” or better or placement into MTH 111)
--------------	--

PSY 201M.01DE	General Psychology I (Prerequisite: WRI 121)
---------------	---

PSY 225.01DE	Abnormal Psychology I (Prerequisite: WRI 121)
--------------	--

PSY 233.01	Psychology of Violence & Aggression (Prerequisite: WRI 121 or placement into WRI 121)
------------	---

SPE 111.01DE	Fundamentals of Speech (Prerequisite: WRI 121)
--------------	---

Associate of Science Transfer – Biology (AST)

Associate of Science Transfer degrees (ASTs) represent a streamlined path for students transferring from an Oregon community college to an Oregon university who know which major/bachelor's degree program they want to pursue. In contrast to other statewide transfer tools that prioritize university general education requirements (i.e. AAOT and ASOT), ASTs specify clear course-taking paths necessary for on-track progress towards a specific major/bachelor's degree, with a guarantee of transfer from any Oregon community college to any Oregon public university.

The AST degrees identify the optimal and specific set of community college courses students need to take to transfer efficiently into the major at the university. The successful completion of the AST degree allows students to receive status at the public university, based on the number of academic credits referenced in the transfer agreement, including at least 30 credits of general education satisfied, that is comparable to the status of students with the same number of academic credits in the major course of study who began their postsecondary studies at the public university. The students will not be required to retake a course, as long as the minimum required grades have been earned.

All courses must be passed with a grade of "C-" or better. Students must have earned a cumulative grade point average of 2.0 and meet the residency requirements at the community college awarding the AST.

When students complete an AST degree, the general education courses listed here, for which minimum required grades have been earned, are guaranteed to transfer into general education, degree, or major requirements for a bachelor's degree at any Oregon public university.

Students who want to transfer prior to completing the AST requirements should talk with their community college advisor and an advisor at their target university prior to transfer about how their courses will count towards general education requirements and degree/major requirements.

Students are responsible for informing the admissions counselor or intake advisor at their receiving four-year institution that they are completing an AST. It is important for students to understand that completing the AST in two years and the bachelor's degree in four years requires them to complete a minimum average of 15 credits per quarter (or 45 credits per year).

The guarantees and limitations below describe the minimum requirements to which all participating institutions have agreed. If an institution is not meeting the guarantees described below, a complaint can be filed with the Oregon Transfer Advisory Committee (OTAC).

Program Requirements

Number of credit hours necessary for completion: **90**

Required Courses

Communications

Writing

Students must complete a minimum of eight credits in this general education requirement.

*OSU accepts either WRI 122 or WRI 227, but recommends WRI 227

*WOU and UO accepts WRI 122 or WRI 227, but recommends WRI 122.

For information about placement in a writing course, please refer to the: Writing Pathway.

- WRI 121 - English Composition I **4.00 credits**
- WRI 121M - English Composition I **5.00 credits**
- WRI 122 - English Composition II **4.00 credits**
- WRI 122M - English Composition II **5.00 credits**
- or*
- WRI 227 - Technical Communication **4.00 credits**

Computation

Students must complete a minimum of eight credits in this general education requirement.

For information about placement in a math course, please refer to the: Math Curriculum Pathway.

*Students who test out of MTH 111 should take MTH 112.

*Students who test out of MTH 112 may substitute a recommended elective (see recommended electives listed below).

- MTH 111 - College Algebra **5.00 credits**
- MTH 112 - Elementary Functions **4.00 credits**

Arts and Letters

Students must complete a minimum of six credits chosen from the AAOT-approved courses.

- ART 131 - Intro to Drawing **3.00 credits**
- ART 211 - Modern Art History - 19th Century Art in Europe **3.00 credits**
- ART 212 – Modern Art History - Early 20th Century Art **3.00 credits**
- ART 213 – Modern Art History - Art Since 1945 **3.00 credits**
- ENG 104 - Intro to Literature (Fiction) **3.00 credits**
- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**
- ENG 201 - Shakespeare's Early and Middle Works **3.00 credits**
- ENG 202 - Shakespeare's Late Works **3.00 credits**
- ENG 213 - Latin American Literature **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENG 261 - Literature of Science Fiction **3.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**

- MUS 206 - History of Rock Music **3.00 credits**
- MUS 206M - History of Rock Music **5.00 credits**
- PHL 204 - Philosophy of Religion **3.00 credits**
- PHL 204M - Philosophy of Religion **5.00 credits**
- PHL 209 - Business Ethics **3.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPA 202 - Second Year Spanish II **4.00 credits**
- SPA 203 - Second Year Spanish III **4.00 credits**

Social Sciences

Students must complete a minimum of six credits chosen from the AAOT-approved courses.

- ATH 101 - Intro to Physical Anthropology **3.00 credits**
- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**
- GEO 106 - Human Cultural Geography I **3.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- HST 201 - United States History I: Colonial Period to 1840 **3.00 credits**
- HST 201M - United States History I **5.00 credits**
- HST 202 - United States History II: 1840 to 1914 **3.00 credits**
- HST 203 - United States History III: 1914 to Present **3.00 credits**
- HST 203M - United States History II **5.00 credits**
- PSY 201A - General Psychology I **3.00 credits**
- PSY 201M - General Psychology I **5.00 credits**
- PSY 202A - General Psychology II **3.00 credits**
- PSY 202M - General Psychology II **5.00 credits**
- PSY 203A - General Psychology III **3.00 credits**
- PSY 225 - Abnormal Psychology I **3.00 credits**
- PSY 226 - Abnormal Psychology II **3.00 credits**
- SOC 204 - General Sociology: Sociology in Everyday Life **3.00 credits**

Science / Math / Computer Science

Natural Sciences

Students must complete this 3-course sequence for a minimum of 15 credits.

*BIO 211, 212, and 213 must be taken at the same institution.

- BIO 211 - Principles of Biology 1 (Preprofessional) **4.00 credits**
- BIO 211L - Principles of Biology 1 Lab **1.00 credits**

- BIO 212 - Principles of Biology 2 (Preprofessional) **4.00 credits**
- BIO 212L - Principles of Biology 2 Lab **1.00 credit**
- BIO 213 - Principles of Biology 3 (Preprofessional) **4.00 credits**
- BIO 213L - Principles of Biology 3 Lab **1.00 credit**

Chemistry

Students must complete a 3-course General Chemistry sequence with lab for a minimum of 15 credits.

- CHE 221 - General Chemistry I (Preprofessional) **4.00 credits**
- CHE 221L - General Chemistry I Lab **1.00 credit**
- CHE 222 - General Chemistry II (Preprofessional) **4.00 credits**
- CHE 222L - General Chemistry II Lab **1.00 credit**
- CHE 223 - General Chemistry III (Preprofessional) **4.00 credits**
- CHE 223L - General Chemistry III Lab **1.00 credit**

Physics / Math / Chemistry

Students must select two sequences for a minimum of 23 credits.

*Students are strongly recommended seeing an advisor for assistance with choosing sequences which best match their specific academic, pre-professional, and career goals.

¹ Students transferring to PSU may substitute MTH 243 & 244 for MTH 251 & 252.

² Students transferring to EOU are required to take MTH 241 (Survey of Calculus) instead of MTH 251 and 252. However, MTH 251 may serve as a substitute for MTH 241. KCC does not currently offer MTH 241.

³ Students transferring to OSU are strongly recommended to take the Organic Chemistry sequence.

⁴ Students considering pre-medical, pre-dental, and pre-pharmacy programs should consider Organic Chemistry sequence. Courses in sequence must be taken at the same institution.

- CHE 241 - Organic Chemistry I **4.00 credits**^{3, 4}
- CHE 241L - Organic Chemistry I Lab **1.00 credit**^{3, 4}
- CHE 242 - Organic Chemistry II **4.00 credits**^{3, 4}
- CHE 242L - Organic Chemistry II Lab **1.00 credit**^{3, 4}
- CHE 243 - Organic Chemistry III **4.00 credits**^{3, 4}
- CHE 243L - Organic Chemistry III Lab **1.00 credit**^{3, 4}

- MTH 251 - Calculus I **4.00 credits**^{1, 2}
- MTH 252 - Calculus II **4.00 credits**^{1, 2}

- PHY 201 - General Physics I (Algebra-based) **4.00 credits**
- PHY 201L - Gen Physics I Lab **1.00 credit**
- PHY 202 - General Physics II (Algebra-based) **4.00 credits**

- PHY 202L - General Physics II Lab **1.00 credit**
- PHY 203 - General Physics III (Algebra-based) **4.00 credits**
- PHY 203L - General Physics III Lab **1.00 credit**
- PHY 211 - General Physics I (Calculus-based) **4.00 credits**
- PHY 211L - General Physics I Lab **1.00 credit**
- PHY 212 - General Physics II (Calculus-based) **4.00 credits**
- PHY 212L - General Physics II Lab **1.00 credit**
- PHY 213 - General Physics III (Calculus-based) **4.00 credits**
- PHY 213L - General Physics III Lab **1.00 credit**

Cultural Literacy

At least one (1) core transfer requirement course must also be an AAOT-approved Cultural Literacy course. When taking one of the following courses students will meet the statewide requirement for cultural literacy.

- ENG 104 - Intro to Literature (Fiction) **3.00 credits**
- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credit**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**
- SOC 204 - General Sociology: Sociology in Everyday Life **3.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPA 202 - Second Year Spanish II **4.00 credits**
- SPA 203 - Second Year Spanish III **4.00 credits**

Electives

Students must complete electives as required to bring the total number of credits to **90**.

RECOMMENDED ADDITIONAL ELECTIVES IF NEEDED TO REACH 90 CREDITS						
<i>See an advisor for recommended courses</i>						
EOU	OIT	OSU	PSU	SOU	UO	WOU
MTH 243 Pick a 3 rd sequence from physics, math, or chemistry series listed above	4-6 credits social science 1-3 credits humanities	SPE 111 3 credits Fitness 1 Difference, power & Discrimination course	MTH 243 (if not taken to fulfill Physics, Math, Chemistry area) Pick a 3 rd sequence from	MTH 243 Pick a 3 rd sequence from physics, math, or chemistry series listed above	WRI 122 Pick a 3 rd sequence from physics, math, or	WRI 122 Pick a 3 rd sequence from physics, math, or



	2 credits lower division health biology	Pick a 3 rd sequence from physics, math, or chemistry series listed above	physics, math, or chemistry series listed above		chemistry series listed above	chemistry series listed above
--	---	--	---	--	-------------------------------	-------------------------------

Fall Term 2022

On Campus Courses

ART 131.01	Intro to Drawing	T, R	1:00 – 3:50
PSY 201A.01	General Psychology I (Prerequisite: WRI 121)	M, W, F	1:00 – 1:50
WRI 121.02	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better placement into WRI 121)	M, T, W, R	1:00 – 1:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Intro to Computing Skills Lab		
BIO 211.01DE BIO 211L.01DE	Principle of Biology I (Preprofessional) Principles of Biology I Lab (Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 095 or WRI 121 or placement into WRI 121)		
ENG 104.01DE	Intro to Literature (Explores fiction as an art form that provokes thought and challenges the social norms. Examines fictional works, such as short stories and novels, from diverse cultures and historical periods; consider these works as expressions of human experience) Corequisite: WRI 121		
HST 101.01DE	Western Civilization I (Recommended: WRI 121 Placement)		
MTH 111.01DE	College Algebra (Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111)		
MUS 206M.01DE	History of Rock Music (Prerequisite: WRI 121)		
WRI 121.02DE	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better placement into WRI 121)		

Winter Term 2023

On Campus Courses

BIO 212.01HX	Principles of Biology II (Pre-professional) (Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 095 or WRI 121 or placement into WRI 121)	M, W	10:00 – 11:50
BIO 212L.01	Principles of Biology II (Pre-professional)	W	1:00 – 3:50
WRI122.02	English Composition II (Prerequisite: WRI 121 with a grade of “C” or better)	T, R	1:00 – 2:50

Online Courses

BIO 212I.01DE	Principles of Biology II (Pre-professional) Lecture is available in person and/or through Distance Education (HX) Lab is available in person and online		
ECO 202.01DE	Principles of Economics: Macroeconomics (Recommended: Successful completion of MTH070 or above and WRI 121 placement)		
HST 102.01DE	Western Civilization II: 1000 to 1800 (Recommended: WRI 121 placement)		
MTH 112.01DE	Elementary Functions Prerequisite: MTH 111 with a grade of “C” or better	M, T, W, R	2:30 -3:20
MUS 206M.01DE	History of Rock Music (Prerequisite: WRI 121)		
PSY 201A.01DE	General Psychology I (Prerequisite: WRI 121)		
WRI 122M.01DE	English Composition II (Prerequisite: WRI 121 with a grade of “C” or better)		

Spring Term 2023

On Campus Courses

MTH 111.01	College Algebra (Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111)	M, T, W, R	1:00 – 2:15
WRI 227.01DE	Technical Communication (Prerequisite: WRI 121 with a grade of “B” or better or WRI 122 with a grade of “C” or better)	T, R	1:00 – 2:50

Online Courses

ART 213.01DE	Modern Art History – Art Since 1945) (Recommended: WRI 121)		
ECO 201.01DE	Principles of Economics: Macroeconomics (Recommended: Successful completion of MTH 070 or above and WRI 121 placement)		
ENG 106.01DE	Intro to Literature (Poetry) Recommended: 100–level reading and WRI 121		
ENG 213.01DE	Latin American Literature (Prerequisite: WRI 121)		
GEO 107.01DE	Human Cultural Geography II (Recommended: WRI 121 Placement)		
HST 201M.01DE	United States History I (Recommended: Placement scores at WRI 121)		
MTH 111.01	College Algebra (Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111)		
WRI 227.01DE	Technical Communication (Prerequisite: WRI 121 with a grade of “B” or better or WRI 122 with a grade of “C” or better)		

Associate of Science Transfer – Business (AST)

Associate of Science Transfer degrees (ASTs) represent a streamlined path for students transferring from an Oregon community college to an Oregon university who know which major/bachelor's degree program they want to pursue. In contrast to other statewide transfer tools that prioritize university general education requirements (i.e. AAOT and ASOT), ASTs specify clear course-taking paths necessary for on-track progress towards a specific major/bachelor's degree, with a guarantee of transfer from any Oregon community college to any Oregon public university.

The AST degrees identify the optimal and specific set of community college courses students need to take to transfer efficiently into the major at the university. The successful completion of the AST degree allows students to receive status at the public university, based on the number of academic credits referenced in the transfer agreement, including at least 30 credits of general education satisfied, that is comparable to the status of students with the same number of academic credits in the major course of study who began their postsecondary studies at the public university. The students will not be required to retake a course, as long as the minimum required grades have been earned.

Students must have earned a cumulative grade point average of 2.0 and meet the residency requirements at the community college awarding the AST.

When students complete an AST degree, the general education courses listed here, for which minimum required grades have been earned, are guaranteed to transfer into general education, degree, or major requirements for a bachelor's degree at any Oregon public university.

Students who want to transfer prior to completing the AST requirements should talk with their community college advisor and an advisor at their target university prior to transfer about how their courses will count towards general education requirements and degree/major requirements. Students should also work closely with their community college advisor to determine if the AST degree is the best option based on their career and transfer plans.

Students are responsible for informing the admissions counselor or intake advisor at their receiving four-year institution that they are completing an AST. It is important for students to understand that completing the AST in two years and the bachelor's degree in four years requires them to complete a minimum average of 15 credits per quarter (or 45 credits per year).

The guarantees and limitations below describe the minimum requirements to which all participating institutions have agreed. If an institution is not meeting the guarantees described below a complaint can be filed with the Oregon Transfer Advisory Committee (OTAC). The complete statewide agreement can be viewed at: <https://www.oregon.gov/highered/policy-collaboration/Pages/transfer-2998-implementation-resources.aspx>

Program Requirements

Number of credit hours necessary for completion: **90**

Required Courses

Communications

Oral Communication

Students must complete the following approved course.

- SPE 111 - Fundamentals of Speech **3.00 credits** or
- SPE 111M - Fundamentals of Speech **5.00 credits**

Writing

Students must complete a minimum of eight credits in this general education requirement. For information about placement in a writing course, please refer to the: [Writing Pathway](#).

- WRI 121 - English Composition I **4.00 credits** or
- WRI 121M - English Composition I **5.00 credits**
- **and**
- WRI 227 - Technical Communication **4.00 credits**

Computation

Students must complete a minimum of four credits in this general education requirement. See chart below to select Pathway A: Statistics (EOU, PSU, SOU, OIT) or Pathway B: Calculus (OSU, WOU, UO).

For information about placement in a math course, please refer to the: [Math Curriculum Pathway](#) .

Continue to next page for additional information

	Pathway A: Statistics (EOU, PSU, SOU, OIT)		Pathway B: Calculus (OSU, WOU, UO)C	
Courses	Courses	Credits	Courses	Credits
<i>Mathematics</i>	MTH 111 (4-5 credits) OIT only, this is not required at EOU, PSU, or SOU)	4-5	MTH 111 (4-5 credits)	0 (included in transfer total)
-	-	0	MTH 241 or equivalent. If a student takes MTH 251, (MTH 112 is a required pre-req)	4-5
<i>Statistics</i>	MTH 243 (4-5 credits)	0 (included in transfer total)	MTH 243 Students transferring to OSU can take BA 275 instead of MTH 243/MTH 244	4-5
-	MTH 244 This is not a required course at EOU & PSU)	4-5	MTH 244 WOU students do not need MTH 244, students transferring to OSU can take BA 275 instead of MTH 243/MTH 244.	4-5
<i>Total</i>	-	0-10	-	8-15

- MTH 111 - College Algebra **5.00 credits**
- MTH 243 - Statistics I **4.00 credits**

Arts and Letters

Students must complete a minimum of six credits chosen from the [AAOT course options](#).

Additional Options

- Arts and Letters course options

Social Sciences

Students must complete the following approved courses.

- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**

Science / Math / Computer Science

Students must complete a minimum of eight credits from at least two disciplines including at least three laboratory courses in biological and/or physical science.

Additional Options

- **Additional options**

Major Transfer Map Courses

Students must complete the following approved courses.

- BUS 101 - Intro to Business **4.00 credits**
- BUS 211 - Principles of Accounting I **4.00 credits**
- BUS 213 - Managerial Accounting **4.00 credits**
- BUS 226 - Business Law I **3.00 credits**
- CAS 170 - Spreadsheets **3.00 credits**

Electives

Students must complete electives as required to bring the total number of credits to 90 and should work closely with their advisor to select the most appropriate electives based on the chart below.

Additional courses to reach 90 credits

At this point [above = 58-80 credits], it is recommended students pursue these options:

Work closely with a Business Advisor to select your courses (12-28 credits) from the course categories below that will help you fulfill any remaining degree requirements. These courses may be General Education and/or lower division Business Electives at the university you wish to attend. It is VITAL that you work with an Advisor at your current school to plan your needed courses for the university you wish to attend, as the transfer of course credits varies from one university to another.

Please be aware of the following MTM requirements when selecting courses:

- Only 12 credits of CTE can be applied toward the MTM
- Only 3 credits of PE can be applied toward the MTM

Arts and Letters (3-4 credits per class):


Business Ethics

Art History

Intercultural Communication

Philosophy

Music/Theater



Literacy World
Literature
Writing

Social Science (3-4 credits per class):

Anthropology
Geography
Psychology (social/cognitive)
Sociology (cultural/social change/diversity)
US Government Politics & History
Global Civilization
Women's Studies

Science (3-4 credits per class):

Global Ecology & Conservation

Business Courses (3-4 credits per class) (if offered):

Depending on the area you wish to focus on in Business, one or more business elective(s) may be appropriate. Speak to your advisor for guidance

Arts and Letters

- ART 131 - Intro to Drawing *3.00 credits*
- ART 211 - Modern Art History - 19th Century Art in Europe **3.00 credits**
- ART 212 - Modern Art History - Early 20th Century Art **3.00 credits**
- ART 213 - Modern Art History - Art Since 1945 **3.00 credits**
- ENG 104 - Intro to Literature (Fiction) **3.00 credits**
- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**
- ENG 201 - Shakespeare's Early and Middle Works **3.00 credits**
- ENG 202 - Shakespeare's Late Works **3.00 credits**
- ENG 213 - Latin American Literature **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENG 261 - Literature of Science Fiction **3.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**
- MUS 206 - History of Rock Music **3.00 credits**
- MUS 206M - History of Rock Music **5.00 credits**
- PHL 204 - Philosophy of Religion **3.00 credits**
- PHL 204M - Philosophy of Religion **5.00 credits**
- PHL 209 - Business Ethics **3.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPA 202 - Second Year Spanish II **4.00 credits**
- SPA 203 - Second Year Spanish III **4.00 credits**

Science / Math / Computer Science

- BIO 101 - Biology I **3.00 credits**
- BIO 101L - Biology I Lab **1.00 credit**
- BIO 102 - Biology II **3.00 credits**
- BIO 102L - Biology II Lab **1.00 credit**
- BIO 103 - Biology III **3.00 credits**
- BIO 103L - Biology III Lab **1.00 credits**
- BIO 211 - Principal of Biology 1 (Preprofessional) **4.00 credits**
- BIO 211L - Principal of Biology 1 Lab **1.00 credit**
- BIO 212 - Principal of Biology 2 (Preprofessional) **4.00 credits**
- BIO 212L - Principal of Biology 2 Lab **1.00 credit**
- BIO 213 - Principal of Biology 3 (Preprofessional) **4.00 credits**
- BIO 213L - Principal of Biology 3 Lab **1.00 credit**
- BIO 231 - Anatomy & Physiology I **3.00 credits**
- BIO 231L - Anatomy & Physiology I Lab **1.00 credit**
- BIO 232 - Anatomy & Physiology II **3.00 credits**
- BIO 232L - Anatomy & Phys II Lab **1.00 credit**
- BIO 233 - Anatomy & Physiology III **3.00 credits**
- BIO 233L - Anatomy & Physiology III Lab **1.00 credit**
- BIO 234 - Microbiology I **4.00 credit**
- BIO 234L - Microbiology I Lab **1.00 credit**
- CHE 104 - General Chemistry I **4.00 credit**
- CHE 104L - General Chemistry I Lab **1.00 credit**
- CHE 105 - General Chemistry II **4.00 credit**
- CHE 105L - General Chem II Lab **1.00 credit**
- CHE 106 - General Chemistry III **4.00 credit**
- CHE 106L - General Chemistry III Lab **1.00 credit**
- CHE 221 - General Chemistry I (Preprofessional) **4.00 credits**
- CHE 221L - General Chemistry I Lab **1.00 credit**
- CHE 222 - General Chemistry II (Preprofessional) **4.00 credits**
- CHE 222L - General Chemistry II Lab **1.00 credit**
- CHE 223 - General Chemistry III (Preprofessional) **4.00 credits**
- CHE 223L - General Chemistry III Lab **1.00 credit**
- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credit**
- GEO 105 - Physical Geography **3.00 credits**
- GEO 105L - Physical Geography Lab **1.00 credit**
- GSC 107 - Physical Science (Astronomy) **3.00 credits**
- GSC 107L - Physical Science (Astronomy) Lab **1.00 credit**
- MTH 105 - Math in Society **4.00 credits**
- MTH 105M - Math in Society **5.00 credits**
- MTH 111 - College Algebra **5.00 credits**
- MTH 243 - Statistics I **4.00 credits**

- PHY 101 - Fundamentals of Physics I **3.00 credits**
- PHY 101L - Fundamentals of Physics I Lab **1.00 credit**
- PHY 102 - Fundamentals of Physics II **3.00 credits**
- PHY 102L - Fundamentals of Physics II Lab **1.00 credit**
- PHY 103 - Fundamentals of Physics III **3.00 credits**
- PHY 103L - Fundamentals of Physics III Lab **1.00 credit**
- PHY 201 - General Physics I (Algebra-based) **4.00 credits**
- PHY 201L - General Physics I Lab **1.00 credit**
- PHY 202 - General Physics II (Algebra-based) **4.00 credits**
- PHY 202L - General Physics II Lab **1.00 credit**
- PHY 203 - General Physics III (Algebra-based) **4.00 credits**
- PHY 203L - General Physics III Lab **1.00 credit**
- PHY 211 - General Physics I (Calculus-based) **4.00 credits**
- PHY 211L - General Physics I Lab **1.00 credit**
- PHY 212 - General Physics II (Calculus-based) **4.00 credits**
- PHY 212L - General Physics II Lab **1.00 credit**
- PHY 213 - General Physics III (Calculus-based) **4.00 credits**
- PHY 213L - General Physics III Lab **1.00 credit**

Cultural Literacy

At least one core transfer requirement course must also be an AAOT-approved Cultural Literacy course. When taking one of the following courses, students will meet the statewide requirement for cultural literacy.

- ENG 104 - Intro to Literature (Fiction) **3.00 credits**
- ENG 105 - Intro to Literature (Drama) **3.00 credits**
- ENG 106 - Intro to Literature (Poetry) **3.00 credits**
- ENG 240 - Intro to Native American Literature **3.00 credits**
- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credits**
- GEO 107 - Human Cultural Geography II **3.00 credits**
- HST 101 - Western Civilization I: Ancient World to 1000 **3.00 credits**
- HST 101M - Western Civilization I **5.00 credits**
- HST 102 - Western Civilization II: 1000 to 1800 **3.00 credits**
- HST 103 - Western Civilization III: 1800 to Present **3.00 credits**
- HST 103M - Western Civilization II **5.00 credits**
- MUS 201 - Intro to Music & Its Literature I **3.00 credits**
- SOC 204 - General Sociology: Sociology in Everyday Life **3.00 credits**
- SPA 201 - Second Year Spanish I **4.00 credits**
- SPA 202 - Second Year Spanish II **4.00 credits**
- SPA 203 - Second Year Spanish III **4.00 credits**

Fall Term 2022

On Campus Courses

ART 131.01	Intro to Drawing	M, W	1:00 – 3:50
WRI 121.02	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better placement into WRI 121)	M, T, W, R	1:00 – 1:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Intro to Computing Skills Lab		
BUS 101.01DE	Intro to Business		
BIO 103.01DE BIO 103 I.01DE	Biology III Biology III Lab		
ECO 201.01DE	Principles of Economics: Microeconomics		
ENG 104.01DE	Intro to Literature Corequisite: WRI 121		
ENV 170.01DE ENV 170L.01DE	Environmental Science (Recommended: Placement into WRI 095) Environmental Science Lab		
HST 101.01DE	Western Civilization I (Recommended: WRI 121 Placement)		
MTH 111.01DE	College Algebra (Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111)		
WRI 121.02DE	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better placement into WRI 121)		


Winter Term 2023

On Campus Courses

BIO 212.01HX	Principles of Biology II (Pre-professional) M, W (Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 095 or WRI 121 or placement into WRI 121)		10:00 – 11:50
BIO 212L.01	Principles of Biology II (Pre-professional) W		1:00 – 3:50
BUS 211.01	Principles of Accounting I (Prerequisite: BUS 111 with a grade of “C” or better)	M, W	1:00 – 2:50
MTH 112.01HX	Elementary Functions (Prerequisite: MTH 111 with a grade of “C” or better)	M, T, W, R	2:30 – 3:20
WRI 227.01	Technical Writing Prerequisite: WRI 121 with a grade of “B” or better or WRI 122 with a grade of “C” or better	T, R	1:00 – 2:50

Online Courses

ART 213.01DE	Modern Art History – Art Since 1945 (Recommended: WRI 121 placement)		
BIO 212L.01DE	Principles of Biology II (Pre-professional) Lecture is available in person and/or through Distance Education (HX) Lab is available in person and online		
BUS 226.01DE	Business Law (Prerequisite: WRI 121)		
ECO 202.01DE	Principles of Economics: Macroeconomics (Recommended: Successful completion of MTH 070 or above and WRI 121 placement)		
MUS 206M.01DE	History of Rock Music (Prerequisite: WRI 121)		
PHL 209.01DE	Business Ethics (Prerequisite: WRI 121)		

- 
- SPE 111.01DE Fundamentals of Speech
(Prerequisite: WRI 121)
- WRI 122.01DE English Composition II
(Prerequisite: WRI 121 with a grade of “C” **or** better)
- WRI 227.01DE Technical Communication
(Prerequisite: WRI 121 with a grade of “B” **or** better **or** WRI 122
with a grade of “C” **or** better)

Spring Term 2023

On Campus Courses

MTH 111.01	College Algebra (Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111)	M, T, W, R	1:00 – 2:15
SPE 111.01	Fundamentals of Speech (Prerequisite: WRI 121)	M, W	2:00 – 3:20

Online Courses

ECO 201.01DE	Principles of Economics: Microeconomics		
ENG 106.01DE	Intro to Literature (Poetry) (Recommended: 100–level reading and WRI 121)		
GEO 107.01DE	Human Cultural Geography II (Recommended WRI 121 Placement)		
HST 103.01DE	Western Civilization II: 1800 to Present (Recommended: WRI 121 placement)		
MTH 111.01DE	College Algebra (Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111)		
MTH 243.01DE	Statistics I (Prerequisite: MTH 095 with a grade of “C” or better or MTH 105 with a grade of “C” or better or MTH 111 with a grade of “C” or better or placement into MTH 111)		
SPE 111.01DE	Fundamentals of Speech (Prerequisite: WRI 121)		

CERTIFICATES

Computer Support Technician Certificate One-Year Certificate of Completion

This certificate is intended for students who seek technical training in information system support that involves a network environment and hardware repair.

Students will have a strong foundation in hardware, networks, and software, as well as a solid background in mathematics, writing, and communication. The curriculum provides students an intensive, hands-on experience working with networks, hardware, and software.

Those who complete this program will have the advantage of being amply prepared for entry-level positions in information systems support involving a network environment and computer repair. The program includes an internship with a local company's information system (IS) department as well as the opportunity to earn industry-recognized, third-party certifications in hardware, software, and networking.

Employment opportunities for those wishing to enter the work force immediately upon program completion include information systems support technician, computer repair technician, and network and systems administrator.

Program Learning Outcomes

Upon successful completion of the certificate, students will be able to:

- Apply the common network protocols, standards, and the fundamentals of IP addressing.
- Demonstrate how to connect network hardware and configure network software in a server system.
- Demonstrate how to configure a wireless network.
- Demonstrate workplace safety and hardware handling procedures.
- Identify, test, and install PC hardware components.
- Demonstrate the procedures for installing, configuring, and backing up software.
- Demonstrate the ability to communicate with nontechnical end users and provide a high level of customer service.

Program Requirements

Complete a one-term cooperative internship with a local employer that utilizes an information system during the normal course of conducting business. Arrangements for this learning experience will be made on an individual basis, and the student is under no obligation to accept permanent employment.

Number of credit hours necessary for completion: **47**

Required Courses

Student Success

- CGS 100 - College Survival & Success **3.00 credits**

Communications

Oral Communications

- SPE 111 - Fundamentals of Speech **3.00 credits** or
- SPE 111M - Fundamentals of Speech **5.00 credits**

Writing

For information about placement in a writing course, please refer to the: Writing Pathway.

- WRI 121 - English Composition I **4.00 credits** or
- WRI 121M - English Composition I **5.00 credits**
and
- WRI 227 - Technical Communication **4.00 credits**

Computation

For information about placement in a math course, please refer to the: Math Curriculum Pathway.

- MTH 111 - College Algebra **5.00 credits** and
- MTH 112 - Elementary Functions **4.00 credits**

Technical Core

- CIS 145 - Hardware Installation Support **3.00 credits**
- CIS 145L - Hardware Installation Support Lab **1.00 credit**
- CIS 146 - Software Installation Support **3.00 credits**
- CIS 146L - Software Installation Support Lab **1.00 credit**
- CIS 151 - Network I **3.00 credits**
- CIS 151L - Network I Lab **1.00 credit**
- CIS 152 - Network II **3.00 credits**
- CIS 152L - Network II Lab **1.00 credit**
- CIS 275 - Database I **3.00 credits**
- CIS 275L - Database I Lab **1.00 credit**
- CIS 279 - Network Operating Systems **3.00 credits**
- CIS 279L - Network Operating Systems Lab **1.00 credit**

Fall Term 2022

On Campus Courses

WRI 121.02 English Composition I M, T, W, R 1:00 – 1:50
(**Prerequisite** for BUS 214)

Online Courses

CGS 100.03DE College Survival & Success

CAS 133.03DE Intro to Computing Skills
CAS 133L.03DE Intro to Computing Skills Lab

ENV 170.01DE Environmental Science
ENV 170L.01DE Environmental Science Lab
(**Recommended**: Placement into WRI 095)

MTH 111.01DE College Algebra
(**Prerequisite**: MTH095 with a grade of “C” or better or placement into MTH111)

WRI 121.02DE English Composition I
(**Prerequisite**: WRI 095 with a grade of “C” or better placement into WRI 121)

Winter Term 2023

On Campus Courses

CIS 146.01	Hardware Installation Support	M, W, F	11:00 – 11:50
CIS 146L.01	Hardware Installation Support Lab	M, W, F	12:00 – 12:50
CIS 152.01	Network II	M, W, F	10:00 - 10:50
CIS 152L.01	Network II Lab	T, R	10:00 - 11:20
SPE 111.01	Fundamentals of Speech (Prerequisite: WRI 121)	M, W	2:00 – 3:20
WRI 227.01	Technical Communication (Prerequisite: WRI 121 with a grade of “B” or better or WRI 122 with a grade of “C” or better)	T, R	1:00 – 2:50

Online Courses

MTH 111.01DE	College Algebra (Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111)
--------------	--

Spring Term 2023

On Campus Courses

CIS 275.01	Database I	M, W, F	11:00 – 11:50
CIS 275L.01	Database I Lab	M, W, F	12:00 – 12:50

(**Recommended:** Successful completion of CAS 140. **Corequisite:** CIS 275L)

Online Courses

CIS 275.01DE	Database I		
CIS 275L .01DE	Database I Lab		

(**Recommended:** Successful completion of CAS1 40. **Corequisite:** CIS 275L)

MTH 112.01HX	Elementary Functions		
--------------	----------------------	--	--

(**Prerequisite:** MTH 111 with a grade of “C” or better)

Criminal Justice Certificate

One-Year Certificate of Completion

This certificate is designed to develop students' knowledge and skills in the areas of law enforcement, courts, and corrections. Students gain an appreciation of the various parts of the criminal justice system and how they function as a whole. The coursework includes cooperative work experience, which affords the student an opportunity for hands-on experience with local, federal, and state law enforcement agencies. This program may serve as a fast track leading to entry-level employment in the field of criminal justice and administration or as a ladder to a two-year AAS degree program in this rapidly growing field.

Program Learning Outcomes

Upon successful completion of the certificate, students will be able to:

- Explain the criminal justice system in terms of how various elements interact to accomplish the mission of the criminal justice system.
- Interpret case law and statutes pertaining to specific criminal justice roles.
- Describe the constitutional rights of citizens, offenders, and victims as they apply to state, federal, and procedural laws.
- Identify legal and moral responsibilities of criminal justice professionals as they relate to cultural diversity and establishing positive community relationships.
- Describe the dynamics of interviews and interrogations to as they relate to conducting effective investigations.
- Recognize behaviors that indicate substance abuse and/or mental health issues during encounters with individuals.

Program Requirements

Number of credit hours necessary for completion: **45**

Required Courses

Student Success

- CGS 100 - College Survival & Success **3.00 credits**

Communications

Writing

For information about placement in a writing course, please refer to the: [Writing Pathway](#).

- WRI 121 - English Composition I **4.00 credits** or
- WRI 121M - English Composition I **5.00 credits**

Computation

Students must select one course in this general education requirement.

For information about placement in a math course, please refer to the: [Math Curriculum Pathway](#).

- MTH 105 - Math in Society **4.00 credits** or
- MTH 105M - Math in Society **5.00 credits** or
- MTH 111 - College Algebra **5.00 credits**

Social Sciences

Students must select one course in this general education requirement.

Recommended Courses

- ECO 201 - Principles of Economics: Microeconomics **3.00 credits**
- ECO 202 - Principles of Economics: Macroeconomics **3.00 credits**
- PSY 101 - Psychology & Human Relations **3.00 credits**
- PSY 201A - General Psychology I **3.00 credits** or
- PSY 201M - General Psychology I **5.00 credits**
- PSY 202A - General Psychology II **3.00 credits** or
- PSY 202M - General Psychology II **5.00 credits**
- PSY 203A - General Psychology III **3.00 credits**
- PSY 225 - Abnormal Psychology I **3.00 credits**
- PSY 226 - Abnormal Psychology II **3.00 credits**
- SOC 204 - General Sociology: Sociology in Everyday Life **3.00 credits**

Science / Math / Computer Science

Students must select one course in this general education requirement.

Recommended Courses

- BIO 101 - Biology I **3.00 credits**
- BIO 101L - Biology I Lab **1.00 credits**
- BIO 102 - Biology II **3.00 credits**
- BIO 102L - Biology II Lab **1.00 credit**
- BIO 103 - Biology III **3.00 credits**
- BIO 103L - Biology III Lab **1.00 credit**
- BIO 227 - Introduction to Forensic Science **3.00 credits**
- BIO 227L - Introduction to Forensic Science Lab **1.00 credit**
- BIO 240 - Forensic DNA Biology **3.00 credits**
- BIO 240L - Forensic DNA Biology Lab **1.00 credit**
- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credit**

Technical Core

- CJA 101 - Intro to Criminal Justice & Human Services Careers **3.00 credits**
- CJA 111 - Intro to Criminal Justice System - Police **3.00 credits**

- CJA 112 - Intro to Criminal Justice Systems - Courts **3.00 credits**
- CJA 113 - Intro to Criminal Justice Systems - Corrections **3.00 credits**
- CJA 212 - Criminal Law **3.00 credits**
- CJA 280 - Coop Work Exp: Criminal Justice **3.00 credits**
- PSY 233 - Psychology of Violence and Aggression **4.00 credits**

Elective

Students must complete one course in the electives as required. The following courses are recommended, but any 100- or 200-level courses may be chosen as an elective.

- ADS 102 - Drug Use & Addiction **3.00 credits**
- ADS 150 - Basic Counseling & Addiction **3.00 credits**
- ADS 152 - Group Counseling & Addiction **3.00 credits**
- ADS 156 - Ethical & Professional Issues **3.00 credits**
- ADS 157 - Risk Assessment & Intervention **3.00 credits**
- CJA 118 - Introduction to Peer Support Specialist **4.00 credits**
- CJA 120 - American Criminal Justice System **3.00 credits**
- CJA 210 - Arrest, Search & Seizure **3.00 credits**
- CJA 211 - Civil Liability & Ethics in Criminal Justice **3.00 credits**
- CJA 213 - Evidence **3.00 credits**
- CJA 214 - Criminal Investigation **3.00 credits**
- CJA 217 - Interviewing & Interrogation **3.00 credits**
- CJA 228 - Public Safety Writing **3.00 credits**
- CJA 233 - Criminology **3.00 credits**
- CJA 243 - Narcotics & Dangerous Drugs **3.00 credits**
- CJA 244 - Introduction to Behavioral Health Crisis Services **3.00 credits**

Health and Wellness

Student must select one course in this requirement.

- HEA 125 - First Aid & Industrial Safety **3.00 credits**
- HEA 252 - First Aid Basics & Beyond **3.00 credits**
- HPE 207 - Stress Management **3.00 credits**
- HPE 225 - Nutrition **3.00 credits**
- HPE 295 - Health & Fitness for Life **3.00 credits**

Fall Term 2022

On Campus Courses

CJA 101.01	Intro to Criminal Justice & Human Services Careers	T, R	2:30 – 3:50
PSY 201A.01	General Psychology I (Prerequisite: WRI 121)	M, W, F	1:00 – 1:50
WRI 121.02DE	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better or placement into WRI121)	M, T, W, R	1:00 – 1:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Intro to Computing Skills Lab (Recommended: WRI 095 and keyboarding by touch)		
BIO 103.01DE BIO 103L.01DE	Biology III Biology III Lab		
ECO 201.01DE	Principles of Economics Microeconomics (Recommended: Successful completion of MTH 070 or above and WRI 121 placement)		
HPE 295.01DE	Health & Fitness for Life		
PSY 201A.01DE	General Psychology I (Prerequisite: WRI 121)		
ENV 170.01DE EN V 170.01DE	Environmental Science Environmental Science Lab (Recommended: Placement into WRI 095)		
PSY 233.01DE	Psychology of Violence & Aggression (Prerequisite: WRI 121 or placement into WRI 121)		

Winter Term 2023

Online Courses

CJA 111.01DE	Intro to Criminal Justice Police
CJA 112.01DE	Intro to Criminal Justice Courts
HPE 207.01DE	Stress Management
HPE 225.01DE	Nutrition
MTH 105.01DE	Math in Society (Prerequisites: MTH 065 or MTH070 or MTH 095 or MTH 098 or placement into MTH 105 and WRI 095 or WRI 121 or placement into WRI 121)
MTH 111.01DE	College Algebra (Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111)

Spring Term 2023

Online Courses

CJA 113.01DE	Intro to Criminal Justice - Corrections
ECO 201DE	Principles of Economics: Microeconomics (Recommended: Successful completion of MTH 070 or above and WRI 121 placement)
PSY 225.01DE	Abnormal Psychology I (Prerequisite: WRI 121)
PSY 233.01DE	Psychology of Violence & Aggression (Prerequisite: WRI 121 or placement into WRI 121)

Criminal Justice Certificate - ERO

One-Year Certificate of Completion

This one-year certificate program is designed to develop students' knowledge and skills in the areas of law enforcement, courts, and corrections. Students gain an appreciation of the various parts of the criminal justice system and how they function as a whole. The coursework includes cooperative work experience, which affords the student an opportunity for hands-on experience with local, federal, and state law enforcement agencies.

Program Learning Outcomes

Upon successful completion of the certificate, students will be able to:

- Explain the criminal justice system in terms of how various elements interact to accomplish the mission of the criminal justice system.
- Interpret case law and statutes pertaining to specific criminal justice roles.
- Describe the constitutional rights of citizens, offenders, and victims as they apply to state, federal, and procedural laws.
- Identify legal and moral responsibilities of criminal justice professionals as they relate to cultural diversity and establishing positive community relationships.
- Describe the dynamics of interviews and interrogations to as they relate to conducting effective investigations.
- Recognize behaviors that indicate substance abuse and/or mental health issues during encounters with individuals.

Program Requirements

Number of credit hours necessary for completion: **46**

Required Courses

Student Success

- CGS 100 - College Survival & Success **3.00 credits**

Communications

Information Systems

- CAS 133 - Intro to Computing Skills **3.00 credits**
- CAS 133L - Intro to Computing Skills Lab **1.00 credit**

Writing

For information about placement in a writing course, please refer to the: Writing Pathway.

- WRI 121 - English Composition I **4.00 credits** or
- WRI 121M - English Composition I **5.00 credits**



Health and Wellness

- HPE 207 - Stress Management **3.00 credits**

Science / Math / Computer Science

- BIO 101 - Biology I **3.00 credits**
- BIO 101L - Biology I Lab **1.00 credits**

Technical Core

- CJA 101 - Intro to Criminal Justice & Human Services Careers **3.00 credits**
- CJA 111 - Intro to Criminal Justice System - Police **3.00 credits**
- CJA 112 - Intro to Criminal Justice Systems - Courts **3.00 credits**
- CJA 113 - Intro to Criminal Justice Systems - Corrections **3.00 credits**
- CJA 212 - Criminal Law **3.00 credits**
- CJA 280 - Coop Work Exp: Criminal Justice **3.00 credits**
- PSY 233 - Psychology of Violence and Aggression **4.00 credits**

Electives

Students must complete electives as required to bring the total number of credits to **46**.

Fall Term 2022

On Campus Courses

CJA 101.01	Intro to Criminal Justice & Human Services Careers	T, R	2:30 – 3:50
WRI 121.02DE	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better or placement into WRI121)	M, T, W, R	1:00 – 1:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Intro to Computing Skills Lab (Recommended: WRI 095 and keyboarding by touch) (Prerequisite for BUS 214)		
PSY 233.01DE	Psychology of Violence & Aggression (Prerequisite: WRI 121 or placement into WRI 121)		
WRI 121.02DE	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better or placement into WRI 121)		

Winter Term 2023

Online Courses

BIO 101.01DE	Biology I
BIO 101L.01DE	Biology I Lab (Recommended: Completion of CAS 133) (Prerequisites: MTH 070 or MTH 095 or MTH 111 or placement into MTH 095 or MTH 111 and WRI 095 or WRI 121 or placement into WRI 121)
CJA 111.01DE	Intro to Criminal Justice Police
CJA 112.01DE	Intro to Criminal Justice Courts
HPE 207.01DE	Stress Management M, W, F 10:00 – 10:50
WRI 121.01DE	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better or placement into WRI 121)

Spring Term 2023

Online Courses

CJA 113.01DE	Intro to Criminal Justice - Corrections
--------------	---

Welding Certificate

One-Year Certificate of Completion

Klamath Community College's Welding Technology Program offers a one-year certificate of completion as well as single classes. Emphasis areas include shielded metal arc welding (SMAW), gas tungsten arc welding (GTAW), gas metal arc welding (GMAW), flux-cored arc welding (FCAW), oxy-acetylene welding and cutting (OAW), and basic fabrication.

In order to complete the one-year program, students must satisfactorily complete welding and welding laboratory classes, general education classes, and cooperative work experience (on-the-job training).

The Welding Technology Certificate includes blueprint reading, welding processes and applications, welding metallurgy, shielded metal arc welding, gas metal arc welding, basic fabrication, and SMAW certification practice.

Program Learning Outcomes

Upon successful completion of the certificate, students will be able to:

- Use accepted industrial welding safety standards in the shop and in the field.
- Use a variety of welding processes (SMAW, GMAW, FCAW, oxy fuel, plasma cutting, GTAW) in the shop and in the field.
- Interpret welding blueprints in order to fabricate shop projects.
- Determine which welding process, settings, and materials to use depending on the application.
- Develop a welding procedure for specific applications.
- Apply fundamentals of metallurgy to identify metals and to perform heat treatment.

Program Requirements

Number of credit hours necessary for completion: **51**

Required Courses

Student Success

- CGS 100 - College Survival & Success **3.00 credits**



Communications

Writing

For information about placement in a writing course, please refer to the: Writing Pathway.

- WRI 117 - Intro to Technical Communication **4.00 credits**
or
- WRI 121 - English Composition I **4.00 credits** or
- WRI 121M - English Composition I **5.00 credits**

Computation

Students must select one course in this requirement **4.00 credits**

For information about placement in a math course, please refer to the: Math Curriculum Pathway.

- MTH 070 - Elementary Algebra **4.00 credits or**
- MTH 095 - Intermediate Algebra **4.00 credits or**
- MTH 098 - Intro to Quantitative Literacy **4.00 credits or**
- MTH 105 - Math in Society **4.00 credits or**
- MTH 105M - Math in Society **5.00 credits or**
- MTH 111 - College Algebra **5.00 credits**

Social Sciences


- PSY 101 - Psychology & Human Relations **3.00 credits**

Science / Math / Computer Science

- ENV 170 - Environmental Science **3.00 credits**
- ENV 170L - Environmental Science Lab **1.00 credits**

Technical Core

- MET 102 - Basic Engineering Materials **3.00 credits**
- WLD 101 - Welding Processes & Applications **3.00 credits**
- WLD 102 - Blueprint Reading **3.00 credits**
- WLD 114 - Shielded Metal Arc Weld: Mild Steel I **3.00 credits**
- WLD 115 - Shielded Metal Arc Weld: Mild Steel II **3.00 credits**
- WLD 131 - Gas Metal Arc Welding/Flux Cored Arc Welding **3.00 credits**
- WLD 221 - Gas Tungsten Arc Weld: Stainless Steel/Alum **3.00 credits**

- 
- WLD 253 - Welding Cert Practice 3/8- or 1-Inch Mild Steel **3.00 credits**
 - WLD 254 - GMAW/FCAW Certification Practice **2.00 credits**
 - WLD 255 - GTAW Certification Practice **2.00 credits**
 - WLD 261 - Basic Fabrication **3.00 credits**
 - WLD 280 - Coop Work Exp: Welding **2.00 credits**

Fall Term 2022

On Campus Courses

MTH 105.01	Math in Society (Prerequisites: MTH 065 or MTH 070 or MTH 095 or MTH 098 or placement into MTH 105 and WRI 095 or WRI 121 or placement into WRI 121)	M, T W, R	2:00 – 2:50
WRI 121.02	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better or placement into WRI121)	M, T, W, R	1:00 – 1:50

Welding Courses must to be taken at the same time to obtain credit for both
Note: If WLD 114 is taken separately the pre-requisite of WLD1 01 applies

WLD 101.01	Welding Processes and Applications	T, R	8:00 – 10:50
WLD 114.01	Shielded Metal Arc: Weld Mild Steel (Prerequisite: WLD 101)	M, W	8:00 – 10:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Intro to Computing Skills Lab (Recommended: WRI095 and keyboarding by touch) (Prerequisite for BUS 214)		
ENV 170.01DE ENV 170L.01DE	Environmental Science Environmental Science Lab (Recommended: Placement into WRI 095)		
MTH 105.01	Math in Society (Prerequisites: MTH 065 or MTH 070 or MTH 095 or MTH 098 or placement into MTH 105 and WRI 095 or WRI 121 or placement into WRI 121)		
MTH 111.01DE	College Algebra (Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111)		

Winter Term 2023

On Campus Courses

Welding Courses (WLD101 and WLD114) must to be taken at the same time to obtain credit for both

Note: If WLD114 is taken separately the prerequisite of WLD101 applies

MET102.01H	Basic Engineering Materials (Recommended: WLD 101)	F	10:30 – 12:20
WLD 101.01	Welding Processes and Applications	T, R	8:00 – 10:50
WLD 114.01	Shielded Metal Arc: Weld Mild Steel (Prerequisite: WLD 101)	M, W	8:00 – 10:50
WLD 115.01	Shielded Metal Arc Weld: Mild Steel II (Prerequisite: WLD 114)	M, W	9:00 – 11:50
WLD 131.01	Gas Metal Arc Welding/Flux Cored Arc Welding (Prerequisite: WLD 101)	M, W	12:30 – 3:20
WLD 221.01	Gas Tungsten Arc Weld: Stainless Steel/Aluminum (Prerequisite: WLD 101)	T, R	12:30 – 3:20

Online Courses

MTH 105.01 DE	Math in Society (Prerequisites: MTH 065 or MTH 070 or MTH 095 or MTH 098 or placement into MTH 105 and WRI 095 or WRI 121 or placement into WRI 121)
MTH 111.01DE	College Algebra (Prerequisite: MTH 095 with a grade of “C” or better or placement into MTH 111)
PSY 101.01DE	Psychology & Human Relations

Spring Term 2023

On Campus Courses

Welding Courses (WLD101 and WLD114) must to be taken at the same time to obtain credit for both

Note: If WLD114 is taken separately the pre-requisite of WLD101 applies

WLD 101.01	Welding Processes and Applications	T, R	8:00 – 10:50
WLD 114.01	Shielded Metal Arc: Weld Mild Steel (Prerequisite: WLD 101)	M, W	8:00 – 10:50
WLD 115.01	Shielded Metal Arc Weld: Mild Steel II (Prerequisite: WLD 114)	M, W	9:00 – 11:50
WLD 253.01	Welding Cert Practice 3/8- or 1" Mild Steel (Prerequisite: WLD 114)	T, R	11:00 – 1:50
WLD 254.01	GMAW/FCAW Certification Practice (Prerequisites: WLD 114 and WLD 131)	M, W	9:00 – 10:50

CAREER PATHWAY CERTIFICATES

Accounting – Bookkeeping Career Pathway Certificate

Less-Than-One-Year Certificate of Completion

The Accounting - Bookkeeping Career Pathway Certificate will prepare students to sit for a national bookkeeping certification.

Program Learning Outcomes

Upon successful completion of the certificate, students will be able to:

- Use bookkeeping software, spreadsheets, and databases.
- Enter (post) financial transactions into the appropriate computer software.
- Receive and record cash, checks, and vouchers.
- Post costs (debits) and income (credits) into software, assigning each to an appropriate account.
- Produce reports, such as balance sheets, income statements, and totals by accounts.
- Check for accuracy in figures, postings, and reports.
- Reconcile or note and report any differences found in records.
- Determine, calculate, and post accruals and deferrals.

Program Requirements

Number of credit hours necessary for completion: **18**

Technical Core

- BUS 111 - Intro to Accounting **4.00 credits**
- BUS 177 - Payroll Accounting **3.00 credits**
- BUS 211 - Principles of Accounting I **4.00 credits**
- BUS 228 - Computer Accounting Applications **3.00 credits**
- CAS 133 - Intro to Computing Skills **3.00 credits**
- CAS 133L - Intro to Computing Skills Lab **1.00 credit**

Fall Term 2022

On Campus Courses

BUS 111.01	Intro to Accounting	M, W	12:00 – 1:50
WRI 121.02	English Composition I	M, T, W, R	1:00 – 1:50
	(Prerequisite: WRI 095 with a grade of “C” or better or placement into WRI 121)		
	(Prerequisite for BUS 214)		

Online Courses

CGS 100.01DE	College Survival & Success		
CAS 133.03DE	Intro to Computing Skills Lecture		
CAS 133L.03DE	Intro to Computing Skills Lab		
	(Recommended: WRI095 and keyboarding by touch)		
	(Prerequisite for BUS 214)		
BUS 206.01DE	Management Fundamentals		
WRI 121.02DE	English Composition I		
	(Prerequisite: WRI 095 with a grade of “C” or better or placement into WRI 121)		
	(Prerequisite for BUS 214)		

Winter Term 2023

On Campus Courses

BUS 211.01 Principles of Accounting I M, W 1:00 – 2:50
(Prerequisite: BUS 111 with a grade of “C” or better)

Spring Term 2023

On Campus Courses

BUS 177.01 Payroll Accounting MW 3:00 – 4:20
(Prerequisites: BUS 111 or BUS 211 with a grade of “C” or better and CAS 170 with a grade of “C” or better)

BUS 228.01 Computer Accounting Applications TR 4:00 – 5:20
(Prerequisite: BUS 211 with a grade of “C” or better)



Business Administration First-Line Supervisor Fundamentals Career Pathway Certificate Less-Than-One-Year Certificate of Completion

The First-Line Supervisor Fundamentals Career Pathway Certificate provides students with foundational skills required for supervisory positions. These skills relate to human relations in the workplace, computer technology applications, business and professional communications, and general management principles.

With this industry-driven certificate, those who wish to enter occupations in retail, food service, banking, and related areas can enhance their employability by completing this coursework; individuals already working in these occupational areas can complete this certificate to enhance their promotional opportunities or increase their professional development.

This certificate is also the first step toward completing higher-level certificates and degrees and it reflects coursework in the AAS in Business Administration. This certificate is available both in the classroom and fully online.

Students are encouraged to consider college preparatory coursework in writing and computer keyboarding if needed. Contact Program Lead Linda Davenport Williamson to discuss your career goals and to learn more about this industry-recognized statewide certificate.

Program Learning Outcomes

Upon successful completion of the certificate, students will be able to:

- Apply concepts, methods, and tools of management in an ethical manner to typical business operations.
- Use technology and software applications effectively for common business operations.
- Demonstrate the ability to work effectively with others in a team environment.

Program Requirements

Number of credit hours necessary for completion: **13**

Technical Core

- BUS 206 - Management Fundamentals **3.00 credits** or
- BUS 206M - Management Fundamentals **5.00 credits**
- BUS 214 - Business Communication **3.00 credits**
- BUS 285 - Human Relations in Organizations **3.00 credits**
- CAS 133 - Intro to Computing Skills **3.00 credits**
- CAS 133L - Intro to Computing Skills Lab **1.00 credit**

Fall Term 2022

On Campus Courses

WRI 121.02	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better or placement into WRI 121) (Prerequisite for BUS 214)	M, T, W, R	1:00 – 1:50
------------	--	------------	-------------

Online Courses

CGS 100.01DE	College Survival & Success		
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Lecture Intro to Computing Skills Lab (Recommended: WRI 095 and keyboarding by touch) (Prerequisite for BUS 214) (Recommended for CAS 170)		
BUS 206.01DE	Management Fundamentals		
WRI 121.02DE	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better or placement into WRI 121) (Prerequisite for BUS 214)		

Winter Term 2023

On Campus Courses

BUS 285.01	Human Relations in Organizations	T, R	1:00 – 2:20
------------	----------------------------------	------	-------------

Online Courses

BUS 214.01DE	Business Communication (Prerequisites: CAS 133 and WRI 121)
--------------	--

BUS 285.01DE	Human Relations in Organizations
--------------	----------------------------------

Spring Term 2023

Online Courses

BUS 214.01DE	Business Communication (Prerequisite: CAS 133 and WRI 121)
--------------	---

Business Technology Administrative Office Professional Office Support Career Pathway Certificate Less-Than-One-Year Certificate of Completion

The Office Support Specialist Career Pathway Certificate allows students to gain the knowledge, attitudes, and office skills needed for employment in entry-level administrative assistant/office support specialist roles. Students completing this certificate gain a competitive advantage when applying for positions in a wide variety of settings including small businesses, schools, and government agencies.

For students who plan to continue their education, credits earned transfer to the Administrative Office Professional Certificate and the Administrative Office Professional Associate of Applied Science degree. This alignment allows students to build on program completion while pursuing additional educational goals.

Program Learning Outcomes

Upon successful completion of the certificate, students will be able to:

- Use business software applications to create a variety of business documents.
- Apply critical thinking and technology skills to solve a business problem.
- Use software to set up and manage meetings, events, and complete travel arrangements.
- Design effective presentations.
- Receive, interpret and follow both written and verbal instructions in a simulated office environment.
- Use communication, teamwork, and interpersonal skills for internal and external customer support.

Program Recommendations

It is recommended that students complete MTH 020 or place into MTH 070.

Program Requirements

Number of credit hours necessary for completion: **17**

Required Courses

Technical Core

- CAS 122 - Keyboarding for Speed & Accuracy **3.00 credits**
- CAS 170 - Spreadsheets **3.00 credits**
- CAS 216 - Word Processing **3.00 credits**
- CAS 245 - Office Systems & Procedures **3.00 credits**
- CAS 245L - Office Systems & Procedures Lab **1.00 credit**



Communications

Information Systems

- CAS 133 - Intro to Computing Skills **3.00 credits**
- CAS 133L - Intro to Computing Skills Lab **1.00 credit**

Fall Term 2022

Online Courses

CGS 100.01DE	College Survival & Success
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Lecture Intro to Computing Skills Lab (Recommended: WRI 095 and keyboarding by touch) (Prerequisite for BUS 214) (Recommended for CAS 170)
CAS 170.01DE	Spreadsheets (Recommended: CAS 133 and MTH 020 or MTH 070 or MTH 095 or MTH 111 or placement into MTH 070) (This course is recommended for CAS 245 and a prerequisite for CAS 247)

Winter Term 2023

Online Courses

CAS 133.01DE CAS 133L.01DE	Intro to Computing Skills Intro to Computing Skills Lab (Recommended: WRI095 and keyboarding by touch) (Prerequisite for BUS 214) (Recommended for CAS 170)
CAS 170.01DE	Spreadsheets (Recommended: CAS 133 and MTH 020 or MTH 070 or MTH 095 or MTH 111 or placement into MTH 070)
CAS 216.01DE	(Recommended: Successful completion of CAS 133 and 25 wpm Keyboarding proficiency)
CAS 245.01HX CAS 245L.01HX	Office Systems & Procedures Office Systems & Procedures Lab (Successful completion of CAS 170 and CAS 216)



Spring Term 2023

Online Courses

CAS 122.01DE Keyboarding for Speed & Accuracy
Recommended: Ability to touch type (defined as using the correct key reaches and not looking at keys while typing) at a minimum rate of 20 wpm

Computer Support Technician Career Pathway Certificates

Less-Than-One-Year Certificate of Completion

The Computer Support Technician Career Pathway Certificate provides students the basic knowledge and skills needed to work with an information system. Students who complete this program will have a strong foundation in computer hardware, software, and networks. The curriculum allows students to acquire hands-on experience working with information system components in a lab setting as well as study information system concepts in a classroom setting.

This certificate is beneficial for students who are new to information system technology and are looking for an entry point for acquiring computer support technology training. Those who are currently in a non-technology career may find this credential optimal for cross training into information system technology and, thereby, gain a competitive advantage when applying for positions in a wide variety careers, including those with small businesses.

Program Learning Outcomes

- Upon successful completion of the certificate, students will be able to:
- Apply the common network protocols, standards, and the fundamentals of IP addressing.
- Demonstrate how to connect network hardware and configure network software in a server system.
- Demonstrate how to configure a wireless network.
- Demonstrate workplace safety and hardware handling procedures.
- Identify, test, and install PC hardware components.
- Demonstrate the procedures for installing, configuring, and backing up software.
- Demonstrate the ability to communicate with nontechnical end users and provide a high level of customer service.

Program Requirements

Number of credit hours necessary for completion: **16**

Technical Core

- CIS 145 - Hardware Installation Support **3.00 credits**
- CIS 145L - Hardware Installation Support Lab **1.00 credit**
- CIS 146 - Software Installation Support **3.00 credits**
- CIS 146L - Software Installation Support Lab **1.00 credit**
- CIS 151 - Network I **3.00 credits**
- CIS 151L - Network I Lab **1.00 credit**
- CIS 152 - Network II **3.00 credits**
- CIS 152L - Network II Lab **1.00 credit**

Fall Term 2022

On Campus Courses

CIS 145.01	Hardware Installation Support	M, W, F	11:00 – 11:50
CIS 145L.01	Hardware Installation Support Lab	M, W, F	12:00 – 12:50
CIS 151.01	Network I	M, W, F	10:00 - 10:50
CIS 151L.01	Network I Lab	T, R	10:00 - 11:20
WRI 121.02	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better placement into WRI 121)	M, T, W, R	1:00 – 1:50

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE	Intro to Computing Skills		
CAS 133L.03DE	Intro to Computing Skills Lab (Recommended: WRI095 and keyboarding by touch) (Prerequisite for BUS 214)		
MTH 111.01DE	College Algebra (Prerequisite: MTH095 with a grade of “C” or better or placement into MTH111)		
WRI 121.02DE	English Composition I (Prerequisite: WRI 095 with a grade of “C” or better or placement into WRI 121)		

Winter Term 2023

On Campus Courses

CIS 146.01	Software Installation Support	M, W, F	11:00 – 11:50
CIS 146L.01	Software Installation Support Lab	M, W, F	12:00 – 12:50
CIS 152.01	Network II	M, W, F	10:00 – 10:50
CIS 152L.01	Network II Lab	T, R	10:00 – 11:20

Spring Term 2023

All Courses were available for Fall and Winter Terms



Criminal Justice Career Pathway Certificate

Less-Than-One-Year Certificate of Completion

The Criminal Justice Career Pathway Certificate offers the student an opportunity to develop a foundational understanding of law enforcement, the court system, criminology, and how the criminal justice system functions as a whole.

Program Learning Outcomes

Upon successful completion of the certificate, students will be able to:

- Explain the criminal justice system in terms of how various elements interact to accomplish the mission of the criminal justice system.
- Interpret case law and statutes pertaining to specific criminal justice roles.

Program Requirements

Number of credit hours necessary for completion: **12**

Technical Core

- CJA 101 - Intro to Criminal Justice & Human Services Careers **3.00 credits**
- CJA 111 - Intro to Criminal Justice System - Police **3.00 credits**
- CJA 112 - Intro to Criminal Justice Systems - Courts **3.00 credits**
- CJA 113 - Intro to Criminal Justice Systems - Corrections **3.00 credits**

Fall Term 2022

On Campus Courses

CJA 101.01	Intro to Criminal Justice & Human Services	T, R	2:30 – 3:50
------------	---	------	-------------

Online Courses

CGS 100.01DE	College Survival & Success
--------------	----------------------------

CAS 133.03DE	Intro to Computing Skills Lecture
CAS 133L.03DE	Intro to Computing Skills Lab (Recommended: WRI 095 and keyboarding by touch)

Winter Term 2023

Online Courses

CJA 111.01DE	Intro to Criminal Justice System Police
--------------	---

CJA 112.01DE	Intro to Criminal Justice System Courts
--------------	---

Spring Term 2023

Online Courses

CJA 113.01DE	Intro to Criminal Justice Corrections
--------------	---------------------------------------

Digital Media Design Multimedia Design Career Pathway Certificate Less-Than-One-Year Certificate of Completion

This program can serve as a stand-alone certificate or a stackable credential leading to a one-year media design certificate or a two-year Digital Media and Design AAS.

Those who enroll in this program typically include non-traditional and adult students who are learning new media skills to enhance their employability and individuals wanting to update their knowledge and learn current best practices for new technology jobs and prepare for advancement with current employers.

Program Learning Outcomes

Upon successful completion of the certificate, students will be able to:

- Produce digital and interactive projects in a variety of media.
- Manipulate variables with computer software applications.
- Apply visual design strategies to interactive multimedia projects.
- Use social media to connect with customers and improve business performance.

Program Requirements

Number of credit hours necessary for completion: **16**

Technical Core

- CIS 111 - Digital Game Development I **3.00 credits**
- CIS 111L - Digital Game Development I Lab **1.00 credit**
- or*
- MMT 241 - Graphic Design for the Web **3.00 credits**
- MMT 241L - Graphic Design for the Web Lab **1.00 credit**

- MMT 240 - Digital Photography & Photoshop **3.00 credits**
- MMT 240L - Digital Photography & Photoshop Lab **1.00 credit**
- MMT 260 - Video Production I **3.00 credits**
- MMT 260L - Video Production I Lab **1.00 credit**
- MMT 261 - Advanced Video Editing **3.00 credits**
- MMT 261L - Advanced Video Editing Lab **1.00 credit**

Fall Term 2022

On Campus Courses

Online Courses

CGS 100.01DE	College Survival & Success
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Lecture Intro to Computing Skills Lab (Recommended: WRI 095 and keyboarding by touch)
CIS 111.01DE CIS 111L.01DE	Digital Game Development I Digital Game Development I Lab
MMT 240.01DE MMT 240L.01DE	Digital Photography & Photoshop Digital Photography & Photoshop Lab (Recommended for MMT 241)
MMT 260.01DE MMT 260L.01DE	Video Production I Video Production I Lab (Recommended: MMT 240) (Prerequisite for MMT 261)

Winter Term 2023

Online Courses

MMT 241.01DE MMT 241L.01DE	Graphic Design for the Web Graphic Design for the Web Lab (Recommended: Completion of MMT 239 and MMT 240)
MMT 261.01DE MMT 261L.01DE	Advanced Video Editing Advanced Video Editing Lab (Prerequisites: MMT 260)

Spring Term 2023

All courses were available Fall and Winter Terms

Early Childhood Education Career Pathway Certificate Less-Than-One-Year Certificate of Completion

The Early Childhood Education Career Pathway Certificate prepares students for entry-level employment as childcare professionals in a variety of educational settings including: child care centers, preschools, Head Start programs and in family childcare business operated from individual homes.

For the certificate, students are provided with a well-rounded and diverse education that consists of collegiate-level general education coursework and a core of technical courses in the fields of child development and education. All students gain practical experience by completing cooperative work experience in local schools, child care centers, and agencies that serve children and families.

Program Learning Outcomes

Upon successful completion of the certificate, students will be able to:

- Create developmentally and culturally appropriate learning environments and curricula to foster optimum growth and development of learners.
- Identify and teach to differences in race, gender, ability, age, language, family composition, culture, ethnicity, socioeconomic status, and religion.
- Explain the complex characteristics of families and communities as well as the social, emotional, cognitive, and physical aspects of growth and development.
- Demonstrate an understanding of observation techniques, assessment tools, documentation procedures as well as resources and applicable regulations/laws for all learners, specifically for those with disabilities and other special needs.
- Apply developmentally and culturally appropriate teaching and guidance theories, principles, and practices.
- Demonstrate participation in leadership, advocacy, personal growth, and professional development activities.

Program Requirements

All education students must successfully pass a criminal background check.

Number of credit hours necessary for completion: **18**

Technical Core

- ECE 101 - Child, Family, Community **3.00 credits**
- ECE 102 - Guidance of Young Children **3.00 credits**
- ECE 122 - Env and Curr in Early Care and Ed **4.00 credits**
- ECE 200 - The Professional in Early Childhood Education **3.00 credits**
- ECE 280 - Coop Work Exp: Early Childhood Education **2.00 credits**
- PSY 235 - Human Growth & Development I **3.00 credits**

Fall Term 2022

Online Courses

CGS 100.01DE	College Survival & Success
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Lecture Intro to Computing Skills Lab (Recommended: WRI 095 and keyboarding by touch) (Prerequisite for BUS 214) (Recommended for CAS 170)
ECE 101.01DE	Child, Family, Community
ECE 122.01DE	Env. and Curriculum in Early Care and Ed.
PSY 235.01DE	Human Growth & Development I (Recommended: Previous coursework in psychology)

Winter Term 2023

On Campus Courses

ECE 200.01HX	The Professional in Early Childhood Education T, R	2:00 – 3:20
--------------	--	-------------

Online Courses

ECE 102DE	Guidance of Young Children (PSY 235 strongly recommended)
ECE 200.01HX	The Professional in Early Childhood Education
ECE 280.01DE	Coop Work Experience: Early Childhood Education
PSY 235.01DE	Human Growth & Development I (Recommended: Previous coursework in psychology)

Spring Term 2023

Online Courses

ECE 280.01DE	Coop. Work. Exp.: Education
PSY 235.01DE	Human Growth & Development I (Recommended: Previous coursework in psychology)

Education Paraeducator Career Pathway Certificate

Less-Than-One-Year Certificate of Completion

This career pathway certificate is offered to those seeking employment in educational occupations and prepares students to enter the fields of early childhood education as a paraeducator.

Students are provided with a streamlined education that consists of a core of technical courses in the fields of child development and education.

Program Learning Outcomes

Upon successful completion of the certificate, students will be able to:

- Create developmentally and culturally appropriate learning environments and curricula to foster optimum growth and development of learners.
- Identify and teach to differences in race, gender, ability, age, language, family composition, culture, ethnicity, socioeconomic status, and religion.
- Explain the complex characteristics of families and communities as well as the social, emotional, cognitive, and physical aspects of growth and development.
- Demonstrate an understanding of observation techniques, assessment tools, documentation procedures as well as resources and applicable regulations/laws for all learners, specifically for those with disabilities and other special needs.
- Apply developmentally and culturally appropriate teaching and guidance theories, principles, and practices.
- Demonstrate participation in leadership, advocacy, personal growth, and professional development activities.

Program Requirements

All education students must successfully pass a criminal background check.

Number of credit hours necessary for completion: **17**

Technical Core

- ECE 101 - Child, Family, Community **3.00 credits**
- ECE 103 - Assessment & Evaluation **3.00 credits**
- EDU 200 - Intro to Education **3.00 credits**
- EDU 280 - Coop Work Exp: Education **2.00 credits**
- HPE 295 - Health & Fitness for Life **3.00 credits**
- PSY 235 - Human Growth & Development I **3.00 credits**

Fall Term 2022

Online Courses

CGS 100.3DE	College Survival & Success
CAS 133.03DE CAS 133L.03DE	Intro to Computing Skills Lecture Intro to Computing Skills Lab (Recommended: WRI095 and keyboarding by touch)
ECE 101.01DE	Child, Family, Community
EDU 200.01HX	Intro to Education
HPE 295.01DE	Health & Fitness for Life
PSY 235.01DE	Human Growth & Development I (Prerequisite for ECE 103)

Winter Term 2023

On Campus Courses

HPE 295.01	Health & Fitness for Life	T, R	1:00 – 2:20
------------	---------------------------	------	-------------

Online Courses

EDU 280.01DE	Coop Work Exp: Education
HPE 295.01DE	Health & Fitness for Life
PSY 235.01DE	Human Growth & Development I (Recommended: Previous coursework in psychology)



Spring Term 2023

Online Courses

ECE 101.01DE	Child, Family, Community (Prerequisite: PSY 235)
ECE 103.01DE	Assessment & Evaluation (Prerequisite: PSY235)
EDU 280.01DE	Coop. Work. Exp: Education
PSY 235.01DE	Human Growth & Development I (Recommended: Previous coursework in psychology)

Electronic Health Record Career Pathway Certificate Less-Than-One-Year Certificate of Completion

This pathway certificate is designed to provide the technical skills and basic knowledge for students interested in a professional setting for electronic health record career. This pathway is a hands-on, theory-based delivery for professionals in the health care industry. Students interested will understand software application and equipment operations, engage in insurance and billing process, complete patient charting, understand and comply with healthcare regulations and quality improvement measures and reporting. This certificate is for individuals seeking skills needed to work in physicians' offices, hospitals, veterinary offices, behavioral offices, etc.

Program Learning Outcomes

Upon successful completion of this certificate, students will be able to:

- Manage day-to-day functions of EHR data.
- Manage backup of EHR data.
- Acquire external patient data.
- Maintain a provider database for the purpose of continuity of care.
- Audit charts to ensure compliance of proper charting.
- Maintain security of protected health information in compliance with HIPAA.

Program Requirements

Number of credit hours necessary for completion: **13**

Technical Core

- HIM 104 - Intro to Health Data and Content I **3.00 credits**
- HIM 105 - Legal & Ethical Aspects of Healthcare **3.00 credits**
- HIM 106 - Health Data Content & Structure II **4.00 credits**
- MDA101 –Medical Terminology I **3:00 credits**

Fall Term 2022

Online Courses

CGS 103.03DE	College Survival & Success
CAS 133.03DE	Intro to Computing Skills Lecture
CAS 133L.03DE	Intro to Computing Skills Lab
HIM 104.01DE	Intro to Health Data and Content I (Prerequisite for HIM 106)
HIM 105.01HX	Legal & Ethical Aspects of Healthcare
MDA 101.01DE	Medical Terminology I

Winter Term 2023

On Campus Courses

HIM 106.01	Health Data Content & Structure II	M, T, W, R	2:00 – 2:50
------------	------------------------------------	------------	-------------

(If you are not local and would like to take this course online arrangements can be made)

Online Courses

MDA 101.01DE	Medical Terminology I
--------------	-----------------------

Spring Term 2023

Online Courses

HIM 104.01DE	Intro to Health Data and Content (Prerequisite for HIM 106)
HIM 105.01DE	Legal and Ethical Aspects of Health Care
MDA 101.01DE	Medical Terminology I

Medical Administrative Assistant Career Pathway Certificate Less-Than-One-Year Certificate of Completion

The Medical Office Administrative Assistant Certificate prepares students for a supporting role as a medical receptionist, information clerk, or medical secretary. Students will perform administrative duties in a medical, clinical, or healthcare related office environment.

Students develop skills in medical office procedures and tasks, along with medical terminology, keyboarding, editing and formatting, office software applications, office computations, records management, medical insurance and billing, medical legal and ethical issues, electronic health records, oral and written communication, critical thinking, team building, and problem solving. The certificate is available online or hybrid format. This certificate aligns with the Health Information Management Associate of Science degree.

Program Learning Outcomes

Upon successful completion of the certificate, students will be able to:

- Interact in a caring and respectful manner with patients, families, and the health care team.
- Establish and manage office procedures and implement medical documentation systems using appropriate medical terminology.
- Verify and apply billing and revenue tasks
- Uphold legal and ethical standards and confidentiality for patient privacy.
- Assist physicians with reports, articles and conference proceedings

Program Requirements

Number of credit hours necessary for completion: **29**


Communications

Information Systems

- CAS 133 - Intro to Computing Skills **3.00 credits**
- CAS 133L - Intro to Computing Skills Lab **1.00 credit**
- CAS 245 - Office Systems & Procedures **3.00 credits**
- CAS 245L - Office Systems & Procedures Lab **1.00 credit**
- CAS 247 - Advanced Business Applications **3.00 credits**
- CAS 247L - Advanced Business Applications Lab **1.00 credit**

Technical Core

- HIM 104 - Intro to Health Data and Content I **3.00 credits**
- HIM 105 - Legal & Ethical Aspects of Healthcare **3.00 credits**
- HIM 232 - Medical Revenue - Insurance and Billing Application **4.00 credits**

- 
- HIM 292 - EHR Exam Prep **1.00 credit**
 - MDA 101 - Medical Terminology I **3.00 credits**
 - MDA 102 - Medical Terminology II **3.00 credits**

Fall Term 2022

Online Courses

CGS 100.03DE	College Survival & Success
CAS 133.03DE	Intro to Computing Skills Lecture
CAS 133L.03DE	Intro to Computing Skills Lab (Recommended: WRI095 and keyboarding by touch) (Recommended for CAS 170)
CAS 170.01DE	Spreadsheets (Recommended: CAS 133 and MTH 020 or MTH 070 or MTH 095 or MTH 111 or placement into MTH 070) (This course is recommended for CAS 245 and a prerequisite for CAS 247)
HIM 104.01DE	Intro to Health Data and Content I (Prerequisite for HIM106)
HIM 105.01HX	Legal & Ethical Aspects of Healthcare
HIM 231.01DE	CPT Coding (Recommended: prior to enrolling into HIM 232)
MDA 101.01DE	Medical Terminology I

Winter Term 2023

On Campus Courses

CAS 245.01HX	Office Systems & Procedures	T	1:00 – 3:50
CAS 245L.01HX	Office Systems & Procedures Lab	R	1:00 – 3:50

(**Recommended:** Successful completion of CAS 170 and CAS 216)

Online Courses

CAS 170.01DE	Spreadsheets		
--------------	--------------	--	--

(**Recommended:** CAS 133 and MTH 020 or MTH 070 or MTH 095 or MTH 111 or placement into MTH 070)
(**Recommended:** prior to enrolling into CAS 216)

CAS 245.01HX	Office Systems & Procedures		
CAS 245L.01HX	Office Systems & Procedures Lab		

(**Recommended:** Successful completion of CAS 170 and CAS 216)

HIM 232.01DE	Medical Insurance Billing Applications		
--------------	--	--	--

(**Recommended:** HIM 131 and HIM 231)

MDA 101.01DE	Medical Terminology I		
--------------	-----------------------	--	--

MDA 102.01DE	Medical Terminology II		
--------------	------------------------	--	--

(**Prerequisite:** MDA 101 with a grade of “C” or better)

Spring Term 2023

On Campus/ Online Courses

CAS 247.01HX	Advanced Business Applications	T	1:00 – 3:50
CAS 247L.01HX	Advanced Business Applications Lab	R	1:00 – 3:50

(Recommended: Successful completion of CAS 170 **and** CAS 216)
Prerequisite: CAS 245 **Corequisite:** CAS 247L

Online Courses

HIM 131.01DE	Medical Coding (Recommended: MDA 101 and co-enrollment or completion of MDA 128 or BIO 231)
HIM 292.01DE	EHR Exam Prep
MDA 102.01DE	Medical Terminology II (Prerequisite: MDA 101 with a grade of “C or better)

Medical and Clinical Laboratory Technician Career Pathway Certificate Less-Than-One-Year Certificate of Completion

The Medical and Clinical Laboratory Technician Career Pathway Certificate will prepare students for entry-level research in a field or laboratory setting. The pathway certificate may be earned with a total of 33 credits over two to three terms. The student may then choose to continue to the one-year certification or AAS degree.

This certificate is targeted towards individuals that are passionate about science and technology, but do not have the luxury of a lengthy time investment. This target audience may include traditional students, GED graduates, and individuals seeking career retraining.

Program Learning Outcomes

Upon completion of the Medical and Clinical Laboratory Career pathway certificate, students will be able to:

- Explain and properly apply the scientific method.
- Prepare written and oral scientific communications that use tables, graphs, and sample calculations to report results.
- Critically evaluate contributions to science reported in all forms of media and be able to identify valid approaches to scientific inquiry, problem solving, and reporting.
- Demonstrate (show) proficiency in basic laboratory skills common to clinical and non-clinical research laboratories.
-

Program Requirements

Number of credit hours necessary for completion: **33**

Required Courses

Communications

Writing

For information about placement in a writing course, please refer to the: Writing Pathway.


- WRI 121 - English Composition I **4.00 credits** or
- WRI 121M - English Composition I **5.00 credits**

Social Sciences

- PSY 225 - Abnormal Psychology I **3.00 credits**

Technical Core

- BIO 207 - Medical Genetics **3.00 credits**
- BIO 207L - Medical Genetics Lab **1.00 credit**
- BIO 212 - Principles of Biology 2 (Preprofessional) **4.00 credits**
- BIO 212L - Principles of Biology 2 Lab **1.00 credit**

- 
- BIO 231 - Anatomy & Physiology I **3.00 credits**
 - BIO 231L - Anatomy & Physiology I Lab **1.00 credit**
 - BIO 234 - Microbiology I **4.00 credits**
 - BIO 234L - Microbiology I Lab **1.00 credit**
 - BIO 240 - Forensic DNA Biology **3.00 credits**
 - BIO 240L - Forensic DNA Biology Lab **1.00 credit**
 - BIO 270 - Ecosystems **3.00 credits**
 - BIO 270L - Ecosystems Lab **1.00 credit**

Fall Term 2022

On Campus Courses

WRI 121.02 English Composition I M, T, W, R 1:00 – 1:50
(**Prerequisite:** WRI 095 with a grade of “C” or better placement into WRI 121)

Online Courses

CGS 100.02DE College Survival & Success

CAS 133.03DE Intro to Computing Skills Lecture
CAS 133L.03DE Intro to Computing Skills **Lab**
(**Recommended:** WRI 095 and keyboarding by touch)

PSY 225.01DE Abnormal Psychology I
(**Prerequisite:** WRI 121)

BIO 112.01DE Integrated Chemistry and Cell Biology for Health Occupations
(**Recommended:** MTH 070 or MTH 095 or MTH 111 or placement into MTH 070)

BIO 112L.01DE Integrated Chemistry and Cell Biology for Health Occupations
Lab

BIO 231.01DE Anatomy & Physiology I
BIO 231L.01DE Anatomy & Physiology I **Lab**
(**Prerequisites:** BIO 112 and BIO 112L).

ENV 170.01DE Environmental Science
ENV 170L.01DE Environmental Science **Lab**
(**Prerequisite** for BIO 270)

WRI 121.02DE English Composition I
(**Prerequisite:** WRI 095 with a grade of “C” or better placement into WRI 121)

Winter Term 2023

On Campus Courses

BIO 207.01HX	Medical Genetics	T	3:00 – 5:50
BIO 207L.01	Medical Genetics (Prerequisite: BIO 212 Corequisite: BIO 207L) Lab is available in person only	R	3:00 – 5:00

BIO 212.01HX	Principles of Biology I (Pre-professional)	M, W	10:00 – 11:50
BIO 212L.01	Principles of Biology I (Pre-professional) (Prerequisites: MTH 095 or MTH 111 or placement into MTH 111 and WRI 095 or WRI 121 or placement into WRI 121)	W	1:00 – 3:50

Online Courses

BIO 212I.01DE	Principles of Biology I (Pre-professional) Lab Lecture is available in person and/or through Distance Education (HX) Lab is available in person and online
---------------	--

BIO 234.01DE	Microbiology I
BIO 234L.01DE	Microbiology I Lab (Prerequisite: MTH 095 and WRI 095)

Spring Term 2023

On Campus Courses

BIO 270.01	Ecosystems	T	3:00 – 5:50
BIO 270L.01	Ecosystems Lab (Prerequisites: BIO 212 or ENV 170 and MTH 095 or MTH 111 or Placement into MTH 111 and WRI 095 or WRI 121 placement into WRI 121)	R	3:00 – 5:50

Welding – Shield Metal Arc/Stick Welding Career Pathway Certificate Less-Than-One-Year Certificate of Completion

This career pathway certificate is designed to recognize students' accomplishments in welding and prepare them for entry-level work experiences in the welding industry. Students will have an understanding of the skills necessary to be valuable employees in the industrial welding trades. Credit from this certificate will transfer to the one-year welding certificate.

Program Learning Outcomes

Upon successful completion of the certificate, students will be able to:

- Use accepted industrial welding safety standards in the shop and in the field.
- Use a variety of welding processes (SMAW, GMAW, FCAW, oxy fuel, plasma cutting, GTAW) in the shop and in the field.
- Interpret welding blueprints in order to fabricate shop projects.
- Determine which welding process, settings, and materials to use depending on the application.
- Develop a welding procedure for specific applications.
- Apply fundamentals of metallurgy to identify metals and to perform heat treatment.

Program Requirements

Number of credit hours necessary for completion: **12**

Technical Core

- WLD 101 - Welding Processes & Applications **3.00 credits**
- WLD 114 - Shielded Metal Arc Weld: Mild Steel I **3.00 credits**
- WLD 115 - Shielded Metal Arc Weld: Mild Steel II **3.00 credits**
- WLD 253 - Welding Cert Practice 3/8- or 1-Inch Mild Steel **3.00 credits**

Fall Term 2022

On Campus Courses

WLD 101.01	Welding Processes & Applications	T, R	8:00 – 10:50
WLD 114.01	Shielded Metal Arc Weld: Mild Steel I (Prerequisite WLD 101)	M, W	8:00 – 10:50
WLD 115.01	Shielded Metal Arc Weld: Mild Steel II (Prerequisite WLD 114)	M, W,	9:00 – 11:50

Welding Courses WLD101 and WLD114 must to be taken at the same time to obtain credit for both

Note: If WLD114 is taken separately the pre-requisite of WLD101 applies

WLD 253.01	Welding Cert. Practice 3/8- or 1-inch (Prerequisite WLD 114)	T, R	11:00 – 1:50
------------	---	------	--------------

Online Courses

CGS 100.03DE	College Survival & Success		
CAS 133.03DE	Intro to Computing Skills Lecture		
CAS 133L.03DE	Intro to Computing Skills Lab (Recommended: WRI095 and keyboarding by touch)		

Winter Term 2023

On Campus Courses

WLD 101.01	Welding Process & Applications	T, R	8:00 – 10:50
WLD 114.01	Shielded Metal Arc Weld: Mild Steel I (Prerequisite: WLD 101)	M, W	8:00 – 10:50

Welding Courses WLD 101 and WLD 114 must to be taken at the same time to obtain credit for both

Note: If WLD 114 is taken separately the pre-requisite of WLD 101 applies

WLD 115.01	Shielded Metal Arc Weld: Mild Steel II (Prerequisite: WLD 114)	M, W	9:00 – 11:50
WLD 253.01	Welding Cert Practice 3/8- or 1-inch Mild Steel (Prerequisite: WLD 114)	T, R	11:00 – 1:50

Spring Term 2023

On Campus Courses

WLD 101.01 Welding Process & Applications T, R 8:00 – 10:50

WLD 114.01 Shielded Metal Arc Weld: Mild Steel I M, W 8:00 – 10:50
(Prerequisite: WLD 101)

Welding Courses WLD 101 and WLD 114 must to be taken at the same time to obtain credit for both
Note: If WLD 114 is taken separately the pre-requisite of WLD 101 applies

WLD 115.01 Shielded Metal Arc Weld: Mild Steel II M, W 9:00 – 11:50
(Prerequisite: WLD 114)

WLD 253.01 Welding Cert Practice T, R 11:00 – 1:50
 3/8- or 1-inch Mild Steel
(Prerequisite: WLD 114)