

Technical Studies Certificate

One-Year Certificate of Completion

This certificate allows students to custom develop a program with a solid academic foundation for immediate employment or transfer to the Technical Studies AAS degree.

The program of study must be on file before commencing with a technical emphasis concentration.

Program Learning Outcomes

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

- Evaluate information, sources, arguments, opinions, and issues to solve problems.
- Create and convey thoughts, opinions, or information by listening, speaking, reading, or writing.
- Become informed, open-minded, and responsible people who: are attentive to diversity; understand how their actions affect both local and global communities; address the community's and world's issues collaboratively and equitably.
- Apply knowledge, skills, and attitudes to succeed in a profession or academic program; demonstrate confidence and ability to meet personal, social, academic, and professional goals.

Program Requirements

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

Required Courses

Student Success

- [CGS 100 - College Survival & Success](#) **3.00 credits**

Communications

Writing

- [WRI 121 - English Composition I](#) **4.00 credits** or
- [WRI 121M - English Composition I](#) **5.00 credits**

Computation

A minimum of four credits are required from the following:

- [MTH 105 - Math in Society](#) **4.00 credits**
- [MTH 105M - Math in Society](#) **5.00 credits**

- [MTH 111 - College Algebra](#) **5.00 credits**

Social Sciences

A minimum of three credits are required from the following:

- [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**
- [SOC 204 - Gen Sociology: Soc in Everyday Life](#) **3.00 credits**

Science / Math / Computer Science

A minimum of four credits are required from the following:

- [BIO 101 - Biology I](#) **3.00 credits**
- [BIO 101L - Bio I Lab](#) **1.00 credits**
- [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 credits**
- [ENV 170 - Environmental Science](#) **3.00 credits**
- [ENV 170L - Environmental Science Lab](#) **1.00 credits**

Technical Core

- Coop Work Exp - related to occupational area **2 credits**
- [TEX 280 - Coop Wk Exp: Seminar](#) **1.00 credits**

Emphasis

Additional courses would bring total credits to a minimum of 45. The technical emphasis concentration is to be agreed upon by the student, faculty, and the College.



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Fall Term 2022

On Campus Courses

CGS100.03	College Survival & Success	M, W, F	1:00 – 1:50
CAS133.02	Intro to Computing Skills	M, W	2:00 – 3:20
CAS133L.02	Intro to Computing Skills Lab	T, R	2:00 – 3:20
MTH105.01	Math in Society (Prerequisites: MTH065 or MTH070 or MTH095 or MTH098 or placement into MTH105 <u>and</u> WRI095 or WRI121 or placement into WRI 121)	M, T, W, R	2:00 – 2:50
OR			
MTH111.01	College Algebra (Prerequisite: MTH095 with a grade of “C” or better or placement into MTH111)	M, T, W, R	1:00 – 2:15

Online Courses

CGS100.01DE	College Survival & Success		
CAS133.02DE	Intro to Computing Skills		
CAS133L.02DE	Intro to Computing Skills Lab		
BIO103.01DE	Biology III		
BIO103L.01DE	Biology III Lab		
ENV170.01DE	Environmental Science		
ENV170L.01DE	Environmental Science Lab (<u>Recommended</u> placement into WRI095)		
MTH105M.01DE	Math in Society (Prerequisites: MTH065 or MTH070 or MTH095 or MTH098 or placement into MTH105 <u>and</u> WRI095 or WRI121 or placement into WRI121)		
MTH111.01DE	College Algebra (Prerequisite: MTH095 with a grade of “C” or better or placement into MTH 111)		



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Winter Term 2022

Online Courses

BIO101.01DE	Biology I
BIO101L.01DE	Biology I Lab (Prerequisites: MTH070 or MTH095 or MTH111 or placement into MTH095 or MTH111 and WRI095 or WRI121 or placement into WRI121)
PSY201A.01DE	General Psychology I (Prerequisite: WRI121)
TEX280.01DE	Cooperative Work Experience: Seminar (Prerequisites: CAS133 and WRI121)
WRI121.01DE	English Composition I
WRI121M.01DE	English Composition I



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Spring Term 2022

Online Courses

BIO102.01DE	Biology II (Prerequisites: MTH070 or MTH095 or MTH111 or placement Into MTH095 or MTH111 and WRI095 or WRI121)
BIO102L.01DE	Biology II Lab
PSY201M.01DE	General Psychology I (Prerequisite: WRI121)
TEX280.01DE	Cooperative Work Experience: Seminar (Recommended: To be taken near completion of degree or certificate) (Prerequisites: CAS133 and WRI121)