

Education Department

Mathematics Secondary Education

This Associate of Arts in Teaching degree program is designed to provide students with an opportunity to prepare to become mathematics secondary education teachers. Successful graduates of this program will be able to transfer seamlessly to the University of Delaware to complete their bachelor's degree in mathematics secondary education. Enter this exciting world...make a difference...touch a life...touch the future...teach.

WHAT YOU'LL LEARN...

- Mathematical concepts that provide a comprehensive foundation for teaching math
- Proven instructional strategies for mathematics teachers
- Educational technology skills for teaching and learning
- Basic theories of psychology and educational psychology

WHAT YOU'LL EARN...

- An opportunity to make a difference in children's lives
- A seamless pathway to a bachelor's degree
- Upon completion of bachelor's degree, competitive salary ranging from \$32,000 – \$36,000
- Preparation for the Praxis I exam (professional assessment of academic skills for beginning teachers)
- A quality education in a professional atmosphere

WHAT YOU CAN DO...

- This Associate of Arts in Teaching degree is an associate-bachelor's pathway to a professional career.

Education Department

MATHEMATICS SECONDARY EDUCATION

This program enables students to begin the necessary training to enter a critical teaching specialty in which the demand far exceeds the supply. The curriculum provides a rigorous preparation in mathematics. It also develops competencies in proven instructional strategies and prepares the student to continue studies at the bachelor's degree level while achieving an associate degree. Graduates of this Associate of Arts in Teaching/Bachelor of Arts degree partnership can then become certified to teach.

PROGRAM FACTS

- National shortage of mathematics teachers means excellent job opportunities
- In Delaware mathematics is considered a critical shortage teaching specialty in which the demand exceeds the supply
- Exciting career opportunities and well-paying positions available
- Cost effective way to begin training to become a certified teacher

CONNECTED DEGREE

This program is half of a partnership agreement that provides a seamless transfer to the University of Delaware. Please refer to the Mathematics Secondary Education Connected Degree sheet for more information.

DELAWARE TECH

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REQUIRED TECHNICAL COURSES

EDC 260	Educational Psychology
ETC 212	Internet Literacy
MAT 210	Problem Solving Strategies
MAT 263	Principles of Discrete Mathematics
MAT 281	Calculus I
MAT 282	Calculus II
MAT 283	Calculus III
MAT 288	Linear Algebra
MAT 291	Ordinary Differential Equations
PHY 281	Physics I with Calculus

REQUIRED SUPPORT COURSES

CIS 107	Intro to Computers & Applications
ENG 121	Composition
ENG 160	Business Communications
HIS 111	U.S. History: Pre-Civil War
HIS 112	U.S. History: Post-Civil War
PSY 121	General Psychology
PSY 126	Child & Adolescent Psychology
RDG 120*	Critical Reading & Thinking
SOC 111	Sociology
SPA 136	Spanish Communications I

* *Students should check with their Delaware Tech advisor regarding requirements.*

HOW TO GET STARTED – NEW STUDENTS

1. Obtain an Application for Admission.
Call: (302) 856-5400, Ext. 6010
www.dtcc.edu/prospective
2. Request that your high school, GED and/or college transcript be sent to Delaware Tech's Admissions Office.
3. Complete and submit the Application for Admission with a one-time non-refundable \$10 check or money order payable to *Delaware Technical & Community College*.
4. Take the admission placement test which is scheduled by the college upon receipt of your Application for Admission.
5. Have an acceptance interview with a counselor after you have taken the placement test.