

## Technical Studies

### Computer Technology Option

A.A.S. Degree Program – Catalog Year 2017-2018

The AAS in Technical Studies degree program is designed to provide students the opportunity to apply their work experience to earning an associate degree in applied science. Students can earn credit for their work experience while they prepare for career advancement. Up to 20 credits may be awarded for work experience, including military experience, trade/proprietary school preparation, apprenticeship programs, and on-the-job training.

#### Faculty Contacts/Program Chairs

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#### Transfer Information

Associate of Applied Science (AAS) degrees are intended to prepare students for immediate entry into the workforce. The NJ Statewide Transfer Agreement does not guarantee the transfer of credit/coursework when a student earns an AAS degree and continues on to a four-year institution to complete a bachelor's degree. Students are encouraged to work closely with Faculty and Advising Transfer Services. Students planning to transfer to a four-year institution in NJ can explore the "Transfer Programs" feature on NJ Transfer [www.njtransfer.org](http://www.njtransfer.org).

#### Career Information

The Associate of Applied Science Degrees are designed to provide students with the knowledge and skills necessary to start employment upon graduation. Several of the A.A.S. degrees provide the opportunity for the student to gain work experience by offering internship credit. These degrees are usually 'technical' in nature and prepare the student for certification and licensing exams necessary to work in their field of choice. Students are strongly encouraged to consult with Faculty and Career Services as they begin to explore career options. Students can also utilize Career Coach, a resource provided by OCC to help students explore degree programs and corresponding careers [ocean.emsicareercoach.com](http://ocean.emsicareercoach.com)

#### Fundamental Coursework

CSIT 110

**Students are encouraged to keep track of degree requirements by using the "My Progress" screen on Student Planning. Student Planning can be accessed via logging into Ocean Connect.**

Board of Trustees Approval Date: November 7, 2005  
 Board of Trustees Approval Date: April 17, 2006  
 Board of Trustees Approval Date: December 1, 2008

## Curriculum

### First Semester

ENGL 151	English I	3 cr.
MATH 156	Introduction to Statistics	3 cr.
CSIT 110	Computer Literacy	3 cr.
_____	Computer Technology Option Elective*	3 cr.
_____	Computer Technology Option Elective*	<u>3 cr.</u>
		15 cr.

### Second Semester

ENGL 152	English II	3 cr.
_____	Humanities Gen Ed Requirement	3 cr.
_____	Social Science Gen Ed Requirement	3 cr.
_____	Computer Technology Option Elective*	3 cr.
_____	Computer Technology Option Elective*	<u>3 cr.</u>
		15 cr.

### Third Semester

_____	Social Science Gen Ed Requirement	3 cr.
_____	Lab Science Gen Ed Requirement	4 cr.
_____	Computer Technology Option Elective*	3 cr.
_____	Computer Technology Option Elective*	3 cr.
_____	Computer Technology Option Elective*	<u>3 cr.</u>
		16 cr.

### Fourth Semester

_____	Professional Core Transfer Credits	<u>up to 20 cr.</u>
	Awarded for Work Experience <u>or</u>	
	Computer Technology Option Electives*	
		TOTAL CREDITS 66

Courses satisfying General Education Requirements must be selected from the list of Approved General Education Courses

#### \*Computer Technology Option Electives

CSIT 115	Introduction to Computer Game Development	3 cr.
CSIT 123	Integrated Office Software	3 cr.
CSIT 126	Intermediate Spreadsheets & Database*	3 cr.
CSIT 131	Multimedia for the Web	3 cr.
CSIT 133	Web Development Fundamentals*	3 cr.
CSIT 160	Introduction to Visual Basic	3 cr.
CSIT 165	Programming I*	4 cr.
CSIT 184	Networking Essentials*	3 cr.
ECON 151	Macroeconomic Principles	3 cr.
ECON 152	Microeconomic Principles	3 cr.
ECON 153	Contemporary Economic Issues	3 cr.

\*These courses have pre-requisites. Please consult the Catalog.

Board of Trustees Approval Date: December 6, 2010  
 Board of Trustees Approval Date: January 28, 2013  
 Board of Trustees Approval Date: May 28, 2013