Technical Studies
Computer Technology Option
A.A.S. Degree Program – Catalog Year 2018-2019

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
Gerald Cohen, Ph.D.  x2165  TECH 222  gcohen@ocean.edu

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 OCC 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.

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 OCC 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

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.

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* 3 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* 3 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* 3 cr.

Fourth Semester
- Professional Core Transfer Credits up to 20 cr.

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.