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.

**First Semester**
ENGL 151  English I  3 cr.
Math 151  Survey of Mathematics  3 cr.
CSIT 110  Computer Literacy  3 cr.
________  Industrial/Technical Option Electives  6 cr.
15 cr.

**Second Semester**
ENGL 152  English II  3 cr.
________  Humanities Gen Ed Requirement  3 cr.
________  Social Science Gen Ed Requirement  3 cr.
________  Industrial/Technical Option Electives  6 cr.
15 cr.

**Third Semester**
________  Social Science Gen Ed Requirement  3 cr.
________  Lab Science Gen Ed Requirement  4 cr.
________  Industrial/Technical Option Electives  9 cr.
16 cr.

**Fourth Semester**
________  Professional Core Transfer Credits  
Awarded for Work Experience OR Industrial/Technical Option Electives  up to 20 cr.

TOTAL CREDITS: 66

Note: cr. (credit) = semester credit hour
Courses satisfying general education requirements must be selected from the list of Approved General Education Courses.

**Industrial/Technical Option Electives**
Students may select courses from the following list or equivalent courses per appropriate approval.

CHEM 180: Introductory Chemistry
CSIT 115: Introduction to Computer Game Development
CSIT 123: Integrated Office Software
CSIT 160: Introduction to Visual Basic
ECON 151: Macroeconomics Principles
ECON 152: Microeconomics Principles
ECON 153: Contemporary Economic Issues
ENGR 181 Graphics for Engineers I
ENGR 191: AutoCAD 2-D Basic I
ENGR 192: AutoCAD 2-D Basic II
ENGR 198: AutoDesk Inventor
ENGR 221: Engineering Statics
ENGR 222: Engineering Dynamics
ENGR 225: Design of Material Structures
PHYS 171: General Physics I
PHYS 172: General Physics II

Board of Trustees Approval Date: November 7, 2005
NJ Presidents Council Approval: April 17, 2006
Board of Trustees Approval Date: December 1, 2008
Board of Trustees Approval Date: December 1, 2008
Board of Trustees Approval Date: December 6, 2010
Board of Trustees Approval Date: January 28, 2013
Board of Trustees Approval Date: May 28, 2013