

Technical Studies Program

*Division of Engineering Technologies and Computer Sciences — Curriculum Code: 5304
Will Earn Upon Program Completion: Associate in Applied Science (A.A.S.) Degree*

Why major in Technical Studies?

Technical Studies is a unique program designed to ensure the validity of nontraditional learning and promote adult access to and success in postsecondary education and the workforce. By majoring in Technical Studies, you can transfer approved credits from workforce training programs, including those in the corporate, industrial, or military sectors, and earn a college degree.

If I major in Technical Studies, can I transfer to an upper-division college or university?

Most four-year colleges and universities in New Jersey accept training credits recommended by the American Council on Education (ACE), which is one of the organizations that evaluate training programs. Therefore, you can transfer your Technical Studies credits to a professional studies baccalaureate program at an upper-division college or university.

Are there any requirements I must satisfy before I start taking courses in my major?

All new students take a basic skills competency test. Based on the results of the test, you may be required to take developmental courses in English and mathematics. You must also have your training credits evaluated by a faculty assessor.

How long will it take for me to complete this degree?

If you do not need developmental course work and you attend full time, you can complete the degree in two years. Part-time students who work full time can complete the program in three or four years. If you have earned up to 15 Technical Studies credits you can reduce the time to complete the degree.

Where should I direct specific questions about this program?

Contact the Division at (973) 877-4400.

Upon completion of this program, graduates will be able to:

- ◆ Demonstrate the necessary technical skills to be more productive in their chosen profession and career;
- ◆ Demonstrate competence in a broad array of intellectual and communications skills;
- ◆ Compete effectively in a technology-based global economy;
- ◆ Develop a broad base of knowledge;
- ◆ Think creatively;
- ◆ Communicate effectively; and
- ◆ Think analytically and critically.

Technical Studies — A.A.S. Degree Program

<p>GENERAL EDUCATION REQUIREMENTS: (22-23 Credits)</p> <p>Communications (6 credits) ENG 101 College Composition I 3 ENG 102 College Composition II or ENG 105 Technical Writing 3</p> <p>Social Science (6 credits) Select two courses from: ANT 101, 105; ECO 101, 102; POL 101, 104; PSY 101, 102 219; SOC 101, 108, 219 6</p> <p>Math (3-4 credits) Select one course from: MTH 100-103, 109, 113, 114, 119-122, 127, 136, 141, 213, 221, 222, 239 3-4</p> <p>Lab Science (4 credits) Select one course from: BIO 101-104, 121, 122; CHM 101-104; PHY 101-104, 113, 114 4</p> <p>Humanities (3 credits) Select one History course from: HST 101, 102, 111, 112, 121, 122, 131, 132, 134-137, 161, 162 3</p> <p>MAJOR COURSE REQUIREMENTS: (33 credits)</p> <p>Technical electives¹ 15 Technical courses² 15 Internship/Co-op 3</p> <p>ADDITIONAL COURSE REQUIREMENTS: (5-8 credits)</p> <p>Computer Science elective (CSC) 3-4 Technical course³ 2-4</p> <p>Total Credits Required for Degree: 60-64</p>	<p>MAJOR COURSE REQUIREMENTS (Cont.):</p> <p>¹Up to fifteen (15) Technical Studies credits may be earned from corporate, industrial, or military training programs after review by faculty assessor of the related program.</p> <p>²Up to fifteen (15) technical electives credits may be earned from college-level courses in science, technology, engineering, and mathematics curricula having the following prefixes: CSC, CIS, MEC, MET, CET, ELC, ARC, ENR, MTH, and PHY.</p> <p>³Select technical courses from the major course category of the following programs. (Courses must be approved by a qualified faculty advisor.)</p> <ul style="list-style-type: none"> Architectural Technology (2301) Chemical Technology (2306) Computer-Aided Design Technology (3205) Computer Information Systems (2002) Computer Science (2302) Civil Construction Engineering Technology (5309) Electronic Engineering Technology (2307) Engineering (0399) Internetworking Technology (3204) Manufacturing Engineering Technology (5301) Mechanical Engineering Technology (530E) Networking Technology (3203) <p>(Additional programs may be added as appropriate.)</p> <p>RECOMMENDED SEQUENCE OF COURSES**</p> <p>Sequence of courses will be determined on an individual basis. See a faculty advisor for details.</p>
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****NOTE:** This plan assumes the completion of all required developmental courses in reading, writing, and mathematics as well as other pre- and co-requisites for some of the courses, as listed in the Course Descriptions section.