# Technical Studies

## Associate in Applied Science Degree

The focus of this program is to provide a vehicle for alternately-trained professionals to attain their educational goals by awarding credit for those training, internship, apprenticeship and other educational experiences that can be adequately evaluated and measured.

## General Education Foundation (24 CR)

### Communication (6 CR)

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|---|---|---|
| English Composition I | ENG 111 | 3 |
| English Composition II | ENG 112 | 3 |

### Math-Science-Technology (3 CR)

| | | |
|---|---|---|
| College Algebra | MAT 110 | 3 |
| OR | | |
| Statistics | MAT 124 | |

### Social Science (3 CR)

| | | |
|---|---|---|
| Principles of Sociology | SOC 120 | 3 |

### General Education Electives (9 CR)

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|---|---|
| Humanities Electives | 6 |
| Science Elective | 3 |

### General Education Elective (3 CR)

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|---|---|---|
| General Psychology | PSY 113 | 3 |

| | |
|---|---|
| **Total General Education Credits** | **24** |

## Technical Studies Core (40 CR)

Select from one of the following concentrations

Computer Information Systems

Digital Media Technology

Telecommunications

Electronic Technology

Mechanical Technology

Electro/Mechanical Technology

Fire Science Technology

| | |
|---|---|
| **Total Core Credits** | **40** |

| | |
|---|---|
| **Total Program Credits** | **64** |

*Three to 25 Technical Studies elective credits may be earned for corporate, industrial or military training programs after review by faculty assessor of related program.*

*\*\*Individuals must select at least four courses in one of the concentrations listed below to satisfy the Technical Studies credit requirements.*

## Select from one of the following concentrations.

### Computer Information Systems

(CMP 113, 120, 123, 124, 125, 200, 203, 205, 207, 208, 209, 220, 237, 239, 240, 247).

### Digital Media Technology

(MED 110, 113, 114, 119, 213, 220, 240, CMP 108, 126, 239, 244, 245).

### Telecommunications

(TEL 109, 110, 120, 220, 226, 233, 234, ELT 110, 209, ENR 119, 120).

### Electronic Technology

(ELT 110, 115, 201, 213, 215, 231, ENR 119, ENR 120, 124, TEL 110).

### Mechanical Technology

(ENR 117, 118, 124, MAT 113, MEC 104, MEC 117, 118, 141, 155, 236).

### Electro/Mechanical Technology

(ELT 110, 201, 210, ENR 117, 119, ENR 124, MEC 110, 141, 155, 236, TEL 110).

**Technical Electives may be selected from the following disciplines:**

CMP, MED, TEL, ELT, ENR, MEC

### Health and Wellness

| | |
|---|---|
| Health and Wellness Electives* | 2 |

| | |
|---|---|
| **Total Program Credits** | **63/64** |

*\*Students should consult their academic advisors when selecting these courses.*

*Age-of-Credit Policy: Technology-based courses taken by a student at least seven years prior to the time the student applies for graduation may not be applied to a degree or certificate within the Department of Information Technologies.*

# Telecommunications Systems Technology

## Associate in Applied Science Degree

The Telecommunications Systems Technology program is an interdisciplinary A.A.S. degree designed to prepare students to enter the high-technology marketplace in telecommunications and management of networking systems. The field of telecommunications is undergoing tremendous change, spurred by the growth of sophisticated hardware, software and networking components such as VOIP (Voice over IP), wireless and optical technology. The challenge of integrating sophisticated technology into products, systems and services means that technical professionals must develop a solid foundation and experience in these areas.

The County College of Morris (CCM) program prepares students for a telecommunications career, starting with entry-level positions such as planning and monitoring network layouts and installations, analyzing and operating networks, and planning and operating telecommunications systems. Students have the option of participating in a cooperative work experience during their program.

## Articulation Agreements

Established agreements provided students with the option of transferring to New Jersey Institute of Technology, DeVry University, SUNY Institute of Technology or Rochester Institute