The curriculum of the AEng in Information Technology is designed for those engineering students who intend to launch a career in the installation, maintenance and repair of computer networks used for critical data entry, transfer, retrieval and management. Coursework in the program is practice-oriented and prepares students to work as a technician in a variety of computer-intensive environments – technical organizations, small or large businesses, manufacturing companies, and data-directed services. The breadth of training in hardware, software, troubleshooting equipment and other computer tools enables the graduate to work in a variety of roles in such environments as network support, data applications or computer communications technician, test and integration assistant. The graduate from this curriculum is a computer network technician who is broadly versed in mathematics, physics, computer science and business fundamentals.

Failure to maintain an overall GPA of 2.0 or better in all coursework is sufficient cause for expulsion from the program.

GENERAL EDUCATION (34 crs)

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<td>ENG 116</td>
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HEALTH, PHYSICAL EDUCATION & RECREATION (1 cr)

Elective (1)

PROGRAM REQUIREMENTS (31 crs)

**Business** (3 crs)

Elective in ENGR 4XX or BA(3)

**Computer Science** (14 crs)

| CS 152/L | Computer Programming I (4) |
| CS 238/L | Computer Logic Design (4) |
| CS 241 | Data Organization (3) |
| CS 251 | Intermediate Programming (3) |

**Information Technology** (14 crs)

| IT 105/L | Microcomputer Systems (4) |
| IT 130 | Networking Fundamentals (3) |
| IT 210 | IT Systems (3) |
| IT 220 | Network and Server SW (4) |

**TOTAL CREDITS 66**
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Associates of Eng. Information Engineering Technology

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# Educational Planning Form (Semester)

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### Fall Semester

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### Summer

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**Advisor’s Signature** ____________________________

**Student Signature** ____________________________