Technology- M.T.E.C. Program Requirements
Specialization in Computer Technology

**PROGRAM REQUIREMENTS (12 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TECH</td>
<td>57010 Ethics, Technology and the Environment</td>
<td>3</td>
</tr>
<tr>
<td>TECH</td>
<td>60000 Project Management in a Technological Environment</td>
<td>3</td>
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<tr>
<td>TECH</td>
<td>60001 Quantitative Methods in Technology</td>
<td>3</td>
</tr>
<tr>
<td>TECH</td>
<td>60078 Research Methods in Technology</td>
<td>3</td>
</tr>
</tbody>
</table>

**ADDITIONAL PROGRAM REQUIREMENTS (21 credits)**

(see below)                                             21

| MINIMUM TOTAL | 33 |

A minimum of 15 credit hours of coursework should be taken from the following list:

- TECH 53026 - Microprocessor Systems
- TECH 53221 - Digital Control Systems and Instrumentation
- TECH 63010 - Computer Hardware
- TECH 63020 - Fiber Optic Systems
- TECH 63040 - Electronic Communications
- TECH 63070 - Computer Hardware Design & Integration
- TECH 66380 - Advanced Networking
- TECH 66382 - Network Security
- TECH 66384 - Computer Forensics

Additional Program Requirements/Limitations

- A cumulative graduate GPA of 3.00 is required for graduation.
- A minimum of 18 credit hours in 60000-level or above coursework is required.
- A minimum of 21 credit hours of coursework must be taken in AERN, CMGT or TECH courses.
- A maximum of 4 credit hours of Workshop coursework may be used to satisfy the degree requirements.
- A maximum of 9 credit hours in Technology Individual Investigation coursework may be used to satisfy the degree requirements.
- A maximum of 12 semester credit hours may be accepted as transfer credits and applied toward degree requirements.
- A total of 6 credits for thesis (TECH 61199: Thesis I) will be counted if the thesis option is chosen.

Students are required to select the thesis or non-thesis option. The thesis option, recommended for students interested in research and development, allows students to acquire an in-depth knowledge of a narrowly-defined technical area of interest. The non-thesis option is suggested for students who seek a more general curriculum of advanced technical coursework.
Those students who choose the thesis option must successfully complete TECH 61199 - Thesis 1 for a total of 6 credit hours.