### GENERAL EDUCATION REQUIREMENTS (19 hours)

**English Composition (6 hours)**
- ENGL 1113  English Composition I
- ENGL 2053  Technical Report Writing+

**U.S. History/U.S. Government (6 hours)**
- HIST 1483  U.S. History to 1877 or
- HIST 1493  U.S. History Since 1877
- POLS 1113  American Federal Government

**Sciences (4 hours)**
- BIOL 1114  Introduction to Biology or
- CHEM 1114  Introduction to Chemistry

**Mathematics (3 hours)**
Students must earn a “C” or better in MATH 1513 be eligible for graduation.
- *MATH 1513  College Algebra+

### PROGRAM REQUIREMENTS (14 hours)

Students must earn a “C” or better in these courses to be eligible for graduation.
- ENGT 1203  Technology Practices
- ENGT 1214  Introduction to Mechanical Systems+
- ENGT 1304  Introduction to Electronics+
- ENGT 1833  Introduction to Quality Assurance

### SUPPORT & RELATED REQUIREMENTS (16 hours)

Students must earn a “C” or better in these courses to be eligible for graduation.
- CIT 1113  Fundamentals of Computers & Programming Logic
- *MATH 1613  Plane Trigonometry+
- PHYS 2401  General Physics Laboratory I+
- PHYS 2411  General Physics Laboratory II+
- PHYS 2414  General Physics I+
- PHYS 2424  General Physics II+

### OPTION REQUIREMENTS (16 hours)

Students must earn a “C” or better in these courses to be eligible for graduation.
- ENGT 1224  Mechanical Systems I+
- ENGT 1842  Dimensional Metrology+
- ENGT 2214  Mechanical Systems II+
- ENGR 2013  Engineering Graphics & Design
- ENGT 2823  Non-Destructive Testing

+ Check course description for prerequisites that must be met.
* MATH 1715 Pre-calculus will meet both mathematics requirements for the Program.
# Technology Associate in Applied Science Degree
## Mechanical Systems Option (65 Credit Hours Minimum)

### Suggested Order of Enrollment

Students must enroll in a combination of General Education and Program Requirements to complete the degree. Consult with the Engineering & Science division advisor each semester to verify that selected courses will fulfill degree requirements. Check the course catalog and/or class schedule for course offering specifics. The “+” symbol represents a prerequisite for the course. Any course offering is subject to change without notice.

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>ENGT 1203  Technology Practices</td>
<td>BIOL 1114  Introduction to Biology or CHEM 1114  Introduction to Chemistry</td>
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<td>3 hours of General Electives</td>
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<th>Third Semester</th>
<th>Fourth Semester</th>
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<tr>
<td>3-6 hours of General Electives</td>
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<tr>
<td>6-9 hours of Program Options</td>
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