ASSOCIATE OF SCIENCE IN ENGINEERING (ASE)

NMC offers an intensive Associate of Science in Engineering transfer degree that is intended to prepare students for transfer to a four-year engineering program. The NMC engineering curriculum parallels engineering programs offered during the first two years at other colleges and universities. Traditionally, these first two years emphasize the tools and theories that provide background for all engineering fields. Students are required to meet with an advisor for completion of this degree.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Core General Education Requirements</td>
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<tr>
<td>Communications</td>
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<tr>
<td>ENG 111</td>
<td>English Composition</td>
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<tr>
<td>ENG 112</td>
<td>English Composition</td>
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<tr>
<td>Humanities</td>
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<tr>
<td>Any Group 1 class from: art, history, humanities, literature, music, philosophy or second year foreign language</td>
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<tr>
<td>Mathematics</td>
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<tr>
<td>MTH 141</td>
<td>Calculus I</td>
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<tr>
<td>MTH 142</td>
<td>Calculus II</td>
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<tr>
<td>MTH 241</td>
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<td>MTH 251</td>
<td>Differential Equations</td>
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<tr>
<td>Science</td>
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<tr>
<td>CHM 150</td>
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<tr>
<td>CHM 150L</td>
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<td>PHY 221</td>
<td>Problems &amp; Princ.of Physics I</td>
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<td>One Group 1 class from: anthropology, economics, geography, political science, psychology or sociology</td>
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<td>Directed Electives</td>
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<td>Directed Electives will be determined by the type of engineering program the student is pursuing and the university to which they are transferring. See Program Advisor for course information.</td>
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<td>CIT 110</td>
<td>Programming Logic and Design</td>
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Other Requirements

- Complete the ASE degree with a 2.0 or higher cumulative grade point average.
- Complete a minimum 15 of the 60 credits through NMC classes.

NOTES

- Courses with numbers below 100 level do not count toward graduation, but the grades do count toward your cumulative GPA. They may be prerequisites for other courses needed to complete degree or certificate requirements and may add to the total number of credits taken. Review course prerequisites carefully.
- For elective courses to count toward graduation, a course must be completed with a grade of 1.0 or higher.