# Mechanical Engineering Department Standard Curriculum Flow Chart

<table>
<thead>
<tr>
<th>Semesters</th>
<th>I</th>
<th>II</th>
<th>III</th>
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</thead>
<tbody>
<tr>
<td>Credits/Semester</td>
<td>15</td>
<td>18</td>
<td>18</td>
<td>17</td>
<td>17</td>
<td>16</td>
<td>15</td>
<td>15</td>
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<tr>
<td>Required Credits for Graduation</td>
<td>129</td>
<td></td>
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</tbody>
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Minimum 2 credits for Math 129 may satisfy requirements.

**KEY**

1. Arrow lines indicate prerequisites
2. *Italic* = prerequisites not shown with arrows
3. Upper right-hand number in each course box = number of credits
4. * = Junior Standing (60 completed credits)
5. ** = Senior Standing (90 completed credits)
6. F = offered in Fall Only
   T = Team Activity Required
   D = Design Project Required
7. **Bold** = co-requisites (may be taken as a prerequisite, otherwise must be taken at the same time)

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Math 221 → ME 222 → ME 351 → ME 352 → TD ME 454 (ME 213, Math 266) TD ME 457 (ME 454) TD ME 462

ME 223 → ME 212 → ME 221 (Math 105) → ME 213 (Math 266) → ME 221 (Math 129) (Math 105)

Math 129 (Chem 122) → TD ME 442 (ME 331) TD ME 443

IME 330 → ME 421 (Math 266) → ME 421 (Math 266)

Engl 110 → Engl 120 → Engl 321*

Chem 121 → Chem 122

ME 111

Humanities Elective → Humanities Elective → Comm 110

Social Science Elective

Wellness

ECE 301 (Math 258) → ECE 306 → ME 412 (ME 213)

Phys 252 → Phys 252L (Phys 252)

Engr 402

Math 129

Math 259

Math 266 (Math 129)