Bachelor of Science in Mechanical Engineering (BSME) Degree
Department of Engineering

Effective date: Fall 2005
All engineering & technical elective courses must have a combined minimum GPA of 2.0
Course sequencing follows the academic year, and assumes beginning the program in the fall semester.
For more information visit http://www.engr.ipfw.edu

P = Prerequisite, C = Corequisite, D = Design Credits

<table>
<thead>
<tr>
<th>Semester</th>
<th>Credits</th>
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<tbody>
<tr>
<td>1st semester</td>
<td>16</td>
<td>MA 165 (4)</td>
<td>P: MA 154 or MA 159 (C or better), or placement</td>
<td>CHM 115 (4)</td>
<td>P: CHM 111 or 1 yr. H.S.</td>
<td>C: MA 153 or MA 151</td>
<td>ENGR 101 (1)</td>
<td>Area V</td>
<td>ENGR 120 (2)</td>
<td>P: MA 153</td>
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<td>2nd semester</td>
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<td>MA 166 (4)</td>
<td>P: MA 165 (C or better)</td>
<td>PHYS 152 (5)</td>
<td>C: MA 166</td>
<td>ENGR 122 (2)</td>
<td>P: ENGR 121</td>
<td>C: ENGR 101</td>
<td>ENGR 199 (3)</td>
<td>P: ENGR 121, PHYS 152</td>
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<td>3rd semester</td>
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<td>MA 261 (4)</td>
<td>P: MA 166 (C or better)</td>
<td>MA 351 (3)</td>
<td>P: MA 166 (C or better)</td>
<td>PHYS 251 (5)</td>
<td>P: PHYS 152</td>
<td>C: MA 261</td>
<td>ME 250 (3)</td>
<td>P: PHYS 152</td>
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<td>4th semester</td>
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<td>MA 363 (3)</td>
<td>P: MA 351</td>
<td>ME 251 (3)</td>
<td>P: ME 250</td>
<td>C: MA 363</td>
<td>ME 200 (3)</td>
<td>P: ME 250</td>
<td>C: MA 363</td>
<td>ME 252 (3)</td>
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<td>5th semester</td>
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<td>ME 318 (3)</td>
<td>P: ME 200, ME 251, MA 363</td>
<td>D: 0.5</td>
<td>ME 361 (3)</td>
<td>P: ME 251</td>
<td>ME 303 (2)</td>
<td>P: CHM 115, PHYS 251</td>
<td>C: ME 252</td>
<td>ME 280 (3)</td>
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<td>6th semester</td>
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<td>ME 301 (3)</td>
<td>P: ME 200</td>
<td>D: 0.5</td>
<td>ME 304 (1)</td>
<td>P: ME 282, ME 303</td>
<td>ME 319 (1)</td>
<td>P: ME 282, ME 318</td>
<td>D: 0.5</td>
<td>ME 321 (3)</td>
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<td>ME 322 (1)</td>
<td>P: ME 282, ME 321</td>
<td>C: ME 319</td>
<td>D: 0.5</td>
<td>ME 487(3) or ENGR 410 (3)</td>
<td>P: ME 321, ME 369</td>
<td>C: ME 322</td>
<td>Technical Elective (3)</td>
<td>Technical Elective (3)</td>
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<td>8th semester</td>
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<td>ME 488 (3) or ENGR 411 (3)</td>
<td>P: ME 487 or ENGR 410</td>
<td>Technical Elective (3)</td>
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<td>Area VI</td>
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Revised March 2005
Total credit hours 126 (minimum design credits required: 19)