

**Mechanical Engineering Department**  
**Mechanical Engineering Major**  
**Curriculum Year: 2006-2007**

*Your department has developed this road plan, taking into account prerequisites and schedule restrictions.  
 You should pay attention to these concerns when deviating from this plan.*

| Year 1             | Fall                                 | Units              | Winter                                  | Units              | Spring                                      | Units     | Comment  |
|--------------------|--------------------------------------|--------------------|---|--------------------|---|-----------|--|
|                    | <b>ME 100L</b><br>Major Core         | 1                  | <b>MAT 115</b><br>Major Core            | 4                  | <b>MAT 116</b><br>Major Core                | 4         | <i>Students in this major are expected to maintain a GPA of at least 2.00 in all core courses.</i><br><br><i>MAT 114, CHM 121/121L, and CHM 122L satisfy both major and general education requirements</i><br><br><i>One course must be completed in each of the GE areas A2-3, B1-3, C1-3, D3, and E.</i> |
|                    | <b>MFE 126/126L</b><br>Major Support | 3                  | <b>ME 232/232A</b><br>Major Core        | 3                  | <b>PHY 131/131L</b><br>Major Core           | 4         |  |
|                    | <b>CHM 121/121L</b><br>GE Area B2    | 4                  | <b>CHM 122</b><br>Major Support         | 3                  | <b>MFE 201/201L</b><br>Major Support        | 4         |  |
|                    | <b>ENG 104</b><br>GE Area A1         | 4                  | <b>COM 204</b><br>GE Area A2            | 4                  | <b>GE Area</b><br>Any approved course in C2 | 4         |  |
|                    | <b>MAT 114</b><br>GE Area B1         | 4                  | <b>CHM 122L</b><br>GE area B2           | 1                  |   |           |  |
|                    |                                      |                    | GE Area C1<br>Any approved course in C1 | 4                  |   |           |  |
| <b>Total Units</b> | <b>16</b>                            | <b>Total Units</b> | <b>19</b>                               | <b>Total Units</b> | <b>16</b>                                   |           |  |
|                    |                                      |                    |   |                    | <b>Total Units for Year</b>                 | <b>51</b> |  |

| Year 2 | Fall                             | Units     | Winter                            | Units     | Spring  | Units     | Comment |
|--------|----------------------------------|-----------|-----------------------------------|-----------|---|-----------|---------|
|        | <b>MAT 214</b><br>Major Core     | 3         | <b>MAT 215</b><br>Major Core      | 3         | <b>MAT 224</b><br>Major Core                    | 4         |         |
|        | <b>ME 214/224L</b><br>Major Core | 4         | <b>PHY 133/133L</b><br>Major Core | 4         | <b>ME 215</b><br>Major Core                     | 4         |         |
|        | <b>ME 231</b><br>GE Area A3      | 4         | <b>ME 218</b><br>Major Core       | 3         | <b>ME 219</b><br>Major Core                     | 3         |         |
|        | GE Area B3                       | 3         | <b>ME 233/233L</b><br>Major Core  | 4         | <b>EC 201 or EC 202</b><br>GE Area D2           | 4         |         |
|        |                                  |           | GE Area D3                        | 4         | <b>GE Area</b><br>Any approved course in area E | 4         |         |
|        |                                  | <b>14</b> | <b>Total Units</b>                | <b>18</b> | <b>Total Units</b>                              | <b>19</b> |         |
|        |                                  |           |                                   |           | <b>Total Units for Year</b>                     | <b>51</b> |         |

| Year 3 | Fall                                    | Units     | Winter                        | Units     | Spring                           | Units                       | Comment |   |
|--------|---|-----------|-------------------------------|-----------|----------------------------------|-----------------------------|---------|---|
|        | <b>ME 301</b><br>Major Core             | 4         | <b>ME 311</b><br>Major Core   | 3         | <b>ME 312</b><br>Major Core      | 3                           |         |   |
|        | <b>ME 316</b><br>Major Core             | 3         | <b>ME 302</b><br>Major Core   | 4         | <b>ME 313L</b><br>Major Core     | 1                           |         |   |
|        | <b>ME 220L</b><br>Major Core            | 1         | <b>ME 315</b><br>Major Core   | 4         | <b>ME 340</b><br>Major Core      | 3                           |         |   |
|        | <b>ECE 231/231L</b><br>Major Support    | 4         | <b>ME 319</b><br>Major Core   | 4         | <b>ME 350L</b><br>Major Core     | 1                           |         |   |
|        | <b>PLS 201</b><br>GE Area D1a           | 4         | <b>HST 202</b><br>GE Area D1b | 4         | <b>ME 325/325L</b><br>Major Core | 4                           |         |   |
|        | <i>Take the Graduation Writing Test</i> |           |                               |           |                                  | EC 201 or 202<br>GE Area D2 |         | 4 |
|        | <b>Total Units</b>                      | <b>16</b> | <b>Total Units</b>            | <b>19</b> | <b>Total Units</b>               | <b>16</b>                   |         |   |
|        |   |           |                               |           | <b>Total Units for Year</b>      | <b>51</b>                   |         |   |

| Year 4 | Fall                                    | Units     | Winter                                     | Units                             | Spring                                  | Units                                     | Comment   |  |
|--------|---|-----------|--|-----------------------------------|---|---|---|--|
|        | <b>ME 415</b><br>Major Core             | 4         | <b>Technical Elective</b><br>Major Core    | 3                                 | <b>Technical Elective</b><br>Major Core | 3   | <i>Technical Electives must be selected from the departmental list with the approval of the advisor.</i><br><br><i>All GE Area A courses and all lower division GE courses in a GE area must be completed before taking the GE Synthesis course in that area.</i> |  |
|        | <b>ME 439/439L</b><br>Major Core        | 4         | <b>ME 418/418L or ME 427</b><br>Major Core | 4                                 | <b>Technical Elective</b><br>Major Core | 4   |   |  |
|        | <b>Technical Elective</b><br>Major Core | 3         | <b>ME 435/435L</b><br>Major Core           | 4                                 | <b>EGR 403</b><br>GE Area D4            | 4   |   |  |
|        | <b>EGR 402</b><br>GE Area C4            | 4         | <b>ME 406/406A</b><br>Major Core           | 4                                 | <b>EGR 482</b><br>GE Area B4            | 2   |   |  |
|        |   |           | <b>EGR 481</b><br>GE Area B4               | 2                                 |   |   |   |  |
|        |   |           |  | <i>Request a graduation check</i> |   | <i>File an application for graduation</i> |   |  |
|        | <b>Total Units</b>                      | <b>15</b> | <b>Total Units</b>                         | <b>17</b>                         | <b>Total Units</b>                      | <b>13</b>                                 |   |  |
|        |   |           |  |                                   | <b>Total Units for Year</b>             | <b>45</b>                                 |   |  |

|                                    |            |
|------------------------------------|------------|
| <b>Total Units on Plan</b>         | <b>198</b> |
| <b>Major Core Units</b>            | <b>116</b> |
| <b>Major Support Units</b>         | <b>14</b>  |
| <b>General Education Units</b>     | <b>68</b>  |
| <b>Unrestricted Elective Units</b> | <b>0</b>   |