

**Engineering Technology Department  
Engineering Technology Major  
General-Mechanical/Manufacturing Emphasis  
Curriculum Year: 2015 -2016**

*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.*

|               |                                                      | Fall      |                                                   | Winter    |                                           | Spring                      |                                                                                                                                                                                                                                                                                                                                                 | Comment   |
|---------------|------------------------------------------------------|-----------|---------------------------------------------------|-----------|-------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
|               |                                                      |           | Units                                             |           | Units                                     |                             | Units                                                                                                                                                                                                                                                                                                                                           |           |
| <b>Year 1</b> | <b>EGR 100/L</b><br>Major Support<br>(GE Area E)     | 4         | <b>PHY 122/L</b><br>Major Support                 | 4         | <b>MFE 126/L</b><br>Major Core            | 3                           | <i>Students in this major are expected to maintain a GPA of at least 2.00 in all core courses and a C- or better grade for all core courses which are prerequisites for other core courses.</i><br><br><i>EGR100/L (E) MAT 130 (B4), CHM121L (B3) and/or PHY 121/L (B1, B3); satisfy both major support and general education requirements.</i> |           |
|               | <b>PHY 121/L</b><br>Major Support<br>(GE Area B1&B3) | 4         | <b>CHM 121/L</b><br>Major Support<br>(GE Area B3) | 4         | <b>MAT 299 (MAT 132)</b><br>Major Support | 4                           |                                                                                                                                                                                                                                                                                                                                                 |           |
|               | <b>MAT 130</b><br>Major Support<br>(GE Area B4)      | 4         | <b>MAT 131</b><br>Major Support                   | 4         | <b>PHY 123/L</b><br>Major Support         | 4                           |                                                                                                                                                                                                                                                                                                                                                 |           |
|               | <b>GE (Area A2)</b>                                  | 4         | <b>GE (Area A1)</b>                               | 4         | <b>GE (Area C1)</b>                       | 4                           |                                                                                                                                                                                                                                                                                                                                                 |           |
|               |                                                      |           |                                                   |           |                                           |                             |                                                                                                                                                                                                                                                                                                                                                 |           |
|               |                                                      |           |                                                   |           |                                           |                             |                                                                                                                                                                                                                                                                                                                                                 |           |
|               | <b>Total Units</b>                                   | <b>16</b> | <b>Total Units</b>                                | <b>16</b> | <b>Total Units</b>                        | <b>15</b>                   |                                                                                                                                                                                                                                                                                                                                                 |           |
|               |                                                      |           |                                                   |           |                                           | <b>Total Units for Year</b> |                                                                                                                                                                                                                                                                                                                                                 | <b>47</b> |
| <hr/>         |                                                      |           |                                                   |           |                                           |                             |                                                                                                                                                                                                                                                                                                                                                 |           |
|               |                                                      | Fall      |                                                   | Winter    |                                           | Spring                      |                                                                                                                                                                                                                                                                                                                                                 | Comment   |
|               |                                                      |           | Units                                             |           | Units                                     |                             | Units                                                                                                                                                                                                                                                                                                                                           |           |
| <b>Year 2</b> | <b>ETT 201/L</b><br>Major Core                       | 4         | <b>MFE 221/L</b><br>Major Core                    | 3         | <b>ETT 211</b><br>Major Core              | 3                           | <i>ETT 234/L and MFE 226/L can be swapped if necessary.</i><br><br><i>Consult with your advisor on any curriculum questions that you may have.</i>                                                                                                                                                                                              |           |
|               | <b>ETT 210</b><br>Major Core                         | 3         | <b>ETT 310/L</b><br>Major Core                    | 4         | <b>ETT 220/L</b><br>Major Core            | 4                           |                                                                                                                                                                                                                                                                                                                                                 |           |
|               | <b>ETT 217</b><br>Major Core                         | 3         | <b>ETT 321/L</b><br>Major Core                    | 4         | <b>MFE 230/L</b><br>Major Core            | 3                           |                                                                                                                                                                                                                                                                                                                                                 |           |
|               | <b>MFE 226/L</b><br>Major Core                       | 3         | <b>GE (Area D1 b)</b>                             | 4         | <b>ETT 234/L</b><br>Major Core            | 2                           |                                                                                                                                                                                                                                                                                                                                                 |           |
|               | <b>GE (Area D1 a)</b>                                | 4         |                                                   |           | <b>GE (Area C2)</b>                       | 4                           |                                                                                                                                                                                                                                                                                                                                                 |           |
|               |                                                      |           |                                                   |           |                                           |                             |                                                                                                                                                                                                                                                                                                                                                 |           |
|               | <b>Total Units</b>                                   | <b>17</b> | <b>Total Units</b>                                | <b>15</b> | <b>Total Units</b>                        | <b>16</b>                   |                                                                                                                                                                                                                                                                                                                                                 |           |
|               |                                                      |           |                                                   |           |                                           | <b>Total Units for Year</b> |                                                                                                                                                                                                                                                                                                                                                 | <b>48</b> |

| Year 3                      | Fall                             | Units | Winter                                      | Units       | Spring                                      | Units                | Comment                                                                                                                                                      |             |
|-----------------------------|----------------------------------|-------|---------------------------------------------|-------------|---------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|                             | ETT 215/L<br>Major Core          | 4     | ETM 312<br>Major Core                       | 4           | ETM 308<br>Major Core                       | 4                    | Technical Elective's consist of 300 or 400 level courses. An approved list of Technical Electives is available in the Engineering Technology Office (9-244). |             |
|                             | ETM 306<br>Major Core            | 4     | ETM 315/L<br>Major Core                     | 4           | ETM 330/L<br>Major Core                     | 4                    |                                                                                                                                                              |             |
|                             | ETT 305<br>Major Core            | 4     | Technical Elective<br>Major Core            | 4           | Technical Elective<br>Major Core            | 3                    |                                                                                                                                                              |             |
|                             | GE (Area A3)                     | 4     | GE (Area B2)                                | 4           | Technical Elective<br>Major Core            | 3                    |                                                                                                                                                              |             |
|                             |                                  |       |                                             |             | GE (Area D2)                                | 4                    |                                                                                                                                                              |             |
|                             | Take the Graduation Writing Test |       |                                             |             |                                             |                      |                                                                                                                                                              |             |
|                             | Total Units                      |       | 16                                          | Total Units |                                             | 16                   |                                                                                                                                                              | Total Units |
|                             |                                  |       |                                             |             |                                             | Total Units for Year |                                                                                                                                                              |             |
|                             |                                  |       |                                             |             |                                             | 50                   |                                                                                                                                                              |             |
| Year 4                      | Fall                             | Units | Winter                                      | Units       | Spring                                      | Units                | Comment                                                                                                                                                      |             |
|                             | ETT 460<br>Major Core            | 2     | EGR 481<br>Major Support/GE<br>(GE Area B5) | 2           | EGR 482<br>Major Support/GE<br>(GE Area B5) | 2                    |                                                                                                                                                              |             |
|                             | ETM 334<br>Major Core            | 4     | ETM 335/L<br>Major Core                     | 4           | ETM 410/L<br>Major Core                     | 4                    |                                                                                                                                                              |             |
|                             | Technical Elective<br>Major Core | 4     | Technical Elective<br>Major Core            | 3           | Technical Elective<br>Major Core            | 3                    |                                                                                                                                                              |             |
|                             | GE (Area C3)                     | 4     | GE (Area C4)                                | 4           | Technical Elective<br>Major Core            | 3                    |                                                                                                                                                              |             |
|                             |                                  |       | GE (Area D3)                                | 4           | GE (Area D4)                                | 4                    |                                                                                                                                                              |             |
|                             |                                  |       | Request a graduation check                  |             | File an application for graduation          |                      |                                                                                                                                                              |             |
|                             | Total Units                      |       | 14                                          | Total Units |                                             | 17                   |                                                                                                                                                              | Total Units |
|                             |                                  |       |                                             |             |                                             | Total Units for Year |                                                                                                                                                              |             |
|                             |                                  |       |                                             |             |                                             | 47                   |                                                                                                                                                              |             |
| <b>Total Units on Plan</b>  |                                  |       |                                             |             |                                             | <b>191</b>           | 16 GE Units are duplicated with Major Support.                                                                                                               |             |
| Major Core Units            |                                  |       |                                             |             |                                             | 81                   |                                                                                                                                                              |             |
| Major Support Units         |                                  |       |                                             |             |                                             | 36                   |                                                                                                                                                              |             |
| General Education Units     |                                  |       |                                             |             |                                             | 68                   |                                                                                                                                                              |             |
| Unrestricted Elective Units |                                  |       |                                             |             |                                             | 23                   |                                                                                                                                                              |             |