## Aerospace Engineering Department Aerospace Engineering Major Curriculum Year: 2010-2011

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                     | Units | Winter                        | Units | Spring                        | Units | Comment   |
|--------|--------------------------|-------|-------------------------------|-------|-------------------------------|-------|---|
|        | ARO 101L<br>Major Core   | 1     | ARO 102L<br>Major Core        | 1     | ARO 203L<br>Major Core        | 1     | Students in this major are expected to maintain a GPA of at least 2.00 in all core courses. |
|        | MAT 114<br>GE Area B4    | 4     | MAT 115<br>Major Support      | 4     | MAT 116<br>Major Support      | 4     | CHM 121L, MAT 114, and PHY 131/L satisfy both major and general education requirements      |
|        | ENG 104<br>GE Area A2    | 4     | GE Area A3                    | 4     | ME 214<br>Major Support       | 3     | major ana generai education requirements  |
| Year 1 | CHM 121<br>Major Support | 3     | GE Area C1                    | 4     | GE Area C2                    | 4     |   |
|        | CHM 121L<br>GE Area B3   | 1     | PHY 131/131L<br>GE Area B1,B3 | 4     | PHY 132/132L<br>Major Support | 4     |   |
|        | GE Area A1               | 4     |                               |       |                               |       |   |
|        |                          |       |                               |       |                               |       |   |
|        | Total Units              | 17    | Total Units                   | 17    | Total Units                   | 16    |   |
|        |                          |       |                               |       | Total Units for Year          | 50    |   |

|      | Fall          | Units | Winter        | Units | Spring               | Units | Comment |
|------|---------------|-------|---------------|-------|----------------------|-------|---------|
|      | ARO 201L      | 1     | ARO 202L      | 1     | ARO 103L             | 1     |         |
|      | Major Core    |       | Major Core    |       | Major Core           |       |         |
|      | MAT 214       | 3     | ECE 231/L     | 1     | ARO 326/326L         | 1     |         |
|      | Major Support | 3     | Major Support | 4     | Major Core           | 4     |         |
|      | ME 215        | 4     | MAT 215       | 3     | MAT 318              | 3     |         |
| 2    | Major Support | 4     | Major Support | 3     | Major Support        | י     |         |
|      | PHY 133/133L  | 4     | MAT 216       | 4     | CE Amas B2           | 3     |         |
| Year | Major Support | 4     | Major Support | 4     | GE Area B2           | י     |         |
|      | HST 202       | 4     | ARO 309       | 3     | PLS 201              | 4     |         |
|      | GE Area D1b   | 4     | Major Core    | 3     | GE Area D1a          | †     |         |
|      |               |       |               |       | MTE 207              | 3     |         |
|      |               |       |               |       | Major Support        | 3     |         |
|      |               |       |               |       |                      |       |         |
|      | Total Units   | 16    | Total Units   | 15    | Total Units          | 18    |         |
|      |               |       | ·             |       | Total Units for Year | 49    |         |

|      | Fall                        | Units | Winter                 | Units | Spring               | Units | Comment |
|------|-----------------------------|-------|------------------------|-------|----------------------|-------|---------|
|      | ARO 322/322L                | 4     | ARO 305                | 4     | ARO 312              | 4     |         |
|      | Major Core                  |       | Major Core             |       | Major Core           |       |         |
|      | ARO 301                     | 4     | ARO 311                | 3     | ARO 404              | 3     |         |
|      | Major Core                  | 7     | Major Core             | 3     | Major Core           | 3     |         |
|      | CHE 301/ME 301              | 4     | ARO 406                | 4     | ARO 401              | 4     |         |
|      | Major Support               | 4     | Major Core             | 4     | Major Core           | 4     |         |
|      | ARO 327                     | 3     | ARO 329                | 3     | ARO 405              | 4     |         |
| ar 3 | Major Core                  | 3     | Major Core             | 3     | Major Core           | 4     |         |
| Year |                             |       | ARO 357L               | 1     | ARO 351L             | 1     |         |
| ,    |                             |       | Major Core             | 1     | Major Core           | 1     |         |
|      |                             |       | GE Area B5             | 2     | GE Area B5           | 2     |         |
|      |                             |       | ARO 435L<br>Major Core | 1     |                      |       |         |
|      | Take the Graduation Writing | Test  |                        |       |                      |       |         |
|      | Total Units                 | 15    | Total Units            | 18    | Total Units          | 18    |         |
|      |                             |       |                        |       | Total Units for Year | 51    |         |

|      | Fall                    | Units | Winter       | Units | Spring                      | Units   | Comment  |
|------|-------------------------|-------|--------------|-------|-----------------------------|---------|--|
|      | ARO 491L                | 2     | ARO 492L     | 2     | ARO 493L                    | 2       | EGR 402 satisfy both major and general education |
|      | Major Core              |       | Major Core   |       | Major Core                  |         | requirements                                     |
|      | ARO Elective            | 4     | ARO Elective | 4     | ARO Elective                | 4       | All GE Area A courses and all lower division GE  |
|      | Major Core              | Т.    | Major Core   | Т     | Major Core                  | ۲       | courses in a GE area must be completed before    |
|      | ARO 352L                | 1     | ARO 490L     | 1     | GE Area D4                  | 4       | taking the GE Synthesis course in that area.     |
|      | Major Core              | 1     | Major Core   | 1     | GE Alea D4                  | †       | taking the GL Symmesis course in mai area.       |
| 4    | ARO 461                 | 2     | ARO 462      | 2     | GE Area E                   | 4       |  |
|      | Major Core              |       | Major Core   |       | GE Alea E                   | +       |  |
| Year | GE Area C3              | 4     | EGR 402      | 4     |                             |         |  |
|      | GE Arca C5              | 7     | GE Area C4   |       |                             |         |  |
|      | GE Area D2              | 4     | GE Area D3   | 4     |                             |         |  |
|      | GE med D2               |       | GE mea D3    |       |                             |         |  |
|      |                         |       |              |       |                             |         |  |
|      |                         |       |              |       |                             |         |  |
|      | Request a graduation ch |       |              |       | File an application for gra | duation |  |
|      | Total Units             | 17    | Total Units  | 17    | Total Units                 | 14      |  |
|      |                         |       |              |       | Total Units for Year        | 48      |  |

| Total Units on Plan         | 198 |  |
|-----------------------------|-----|--|
| Major Core Units            | 80  |  |
| Major Support Units         | 50  |  |
| General Education Units     | 68  |  |
| Unrestricted Elective Units | 0   |  |