

## Graduation Plan

| Summer Semester |                              |                                   |             |              |
|-----------------|------------------------------|-----------------------------------|-------------|--------------|
| Course          | Course Description           | Prerequisites/Corequisites        | Semester(s) | Credit Hours |
| EGT 151         | Introduction to CAD          | Coreq: ENG 100, RDG 100, MAT 152* | FA SP SU    | 3            |
| ENG 101         | English Composition I        | ENG 100, RDG 100                  | FA SP SU    | 3            |
| MAT 110         | College Algebra              | MAT 102 (min grade C)             | FA SP SU    | 3            |
| PSY 103         | Human Relations (or PSY 201) | ENG 100, RDG 100                  | FA SP SU    | 3            |
| <b>TOTAL</b>    |                              |                                   |             | <b>12</b>    |

| Fall Semester |                                                   |                                   |             |              |
|---------------|---------------------------------------------------|-----------------------------------|-------------|--------------|
| Course        | Course Description                                | Prerequisites/Corequisites        | Semester(s) | Credit Hours |
| EGT 110       | Engineering Graphics I                            | Coreq: ENG 100, RDG 100, MAT 152* | FA SP       | 4            |
| EGR 130       | Engineering Technology Applications & Programming | Coreq: MAT 102*                   | FA SP       | 3            |
| MAT 111       | College Trigonometry                              | MAT 110 (min grade C)             | FA SP SU    | 3            |
| PHY 201       | Physics I (if transferring, PHY 221)              | ENG 100, RDG 100, MAT 102         | FA SP SU    | 4            |
| <b>TOTAL</b>  |                                                   |                                   |             | <b>14</b>    |

| Spring Semester |                                       |                            |             |              |
|-----------------|---------------------------------------|----------------------------|-------------|--------------|
| Course          | Course Description                    | Prerequisites/Corequisites | Semester(s) | Credit Hours |
| EGT 125         | Descriptive Geometry                  | EGT 110                    | SP          | 2            |
| EGT 251         | Principles of CAD                     | EGT 151                    | SP          | 3            |
| PHY 202         | Physics II (if transferring, PHY 222) | PHY 201                    | FA SP SU    | 4            |
|                 | Humanities/Fine Arts                  | May vary by course.        | FA SP SU    | 3            |
| <b>TOTAL</b>    |                                       |                            |             | <b>12</b>    |

| Summer Semester |                         |                            |             |              |
|-----------------|-------------------------|----------------------------|-------------|--------------|
| Course          | Course Description      | Prerequisites/Corequisites | Semester(s) | Credit Hours |
| EGT 115         | Engineering Graphics II | EGT 110, EGT 151           | SU          | 4            |
| EGT 165         | Introduction to CAD/CAM | EGT 151, EGT 251           | SU          | 2            |
| EGR 175         | Manufacturing Processes | MAT 110                    | SU          | 3            |
| <b>TOTAL</b>    |                         |                            |             | <b>9</b>     |

| Fall Semester |                                                |                                                              |             |              |
|---------------|------------------------------------------------|--------------------------------------------------------------|-------------|--------------|
| Course        | Course Description                             | Prerequisites/Corequisites                                   | Semester(s) | Credit Hours |
| CIM 131       | Computer Integrated Manufacturing (or AET 101) | Prereq: EGR 130 and EGT 152<br><u>OR</u> EGR 130 and EGT 251 | FA          | 3            |
| EGR 170       | Engineering Materials                          | EGR 175, MAT 110, MAT 111                                    | SP SU       | 3            |
| EGT 225       | Architectural Drawing Applications             | EGT 151                                                      | FA          | 4            |
| EGT 252       | Advanced CAD                                   | EGT 151                                                      | FA SP       | 3            |
| <b>TOTAL</b>  |                                                |                                                              |             | <b>13</b>    |

| Spring Semester |                                    |                                    |             |              |
|-----------------|------------------------------------|------------------------------------|-------------|--------------|
| Course          | Course Description                 | Prerequisites/Corequisites         | Semester(s) | Credit Hours |
| EGR 194         | Statics and Strengths of Materials | MAT 110, MAT 111, PHY 201 & 221    | FA SP       | 4            |
| EGT 215         | Mechanical Drawing Applications    | EGT 115, EGT 151, Advisor Approval | FA SP       | 4            |
| <b>TOTAL</b>    |                                    |                                    |             | <b>8</b>     |

NOTE: Course offerings may vary by semester and year. Please consult DegreeWorks and the course search feature when determining if the desired course is being offered in the current semester.