

**Mechanical Engineering Technology (Bachelor of Science) from Tarleton State University**

**Graduation Plan - Recommended Course Sequence (2026-27)**

4-Year (Full-Time)

| Blinn College District<br>Liberal Arts (A.A.) |                           |              |           | Tarleton State University<br>Mechanical Engineering Technology (B.S.) |                                 |              |           |
|-----------------------------------------------|---------------------------|--------------|-----------|-----------------------------------------------------------------------|---------------------------------|--------------|-----------|
| Freshman                                      |                           | Fall         |           | Junior                                                                |                                 | Fall         |           |
| MATH 2412                                     | Pre-Calculus              | 4            |           | ENGT 2335                                                             | Solid Modeling                  | 3            |           |
| ENGL 1301                                     | Composition I             | 3            |           | # ENGR 2302                                                           | Engineering Mechanics-Dynam.    | 3            |           |
| HIST 1301                                     | United States History I   | 3            |           | # ENGR 2332                                                           | Mechanics of Materials          | 3            |           |
| ENGR 1201                                     | Intro to Engineering      | 2            |           | ENGT 3318                                                             | Research Reporting              | 3            |           |
| ENGR 2304                                     | Prog for Engineers        | 3            |           | ENGT 1317                                                             | Machining Technology            | 3            |           |
|                                               |                           | <b>TOTAL</b> | <b>15</b> |                                                                       |                                 | <b>TOTAL</b> | <b>15</b> |
|                                               |                           | Spring       |           |                                                                       |                                 | Spring       |           |
| MATH 2413                                     | Calculus I                | 4            |           | ENGT 3305                                                             | Machine Design                  | 3            |           |
| CHEM 1411                                     | General Chemistry I       | 4            |           | ENGT 3327                                                             | Mechanical Analysis             | 3            |           |
| ENGL 1302                                     | Composition II            | 3            |           | ENGT 3385                                                             | Fluid Mechanics                 | 3            |           |
| HIST 1302                                     | United States History II  | 3            |           | ENGT 3375                                                             | Continuous Improvement          | 3            |           |
| ENGR 1304                                     | Engineering Graphics      | 3            |           |                                                                       | Elective                        | 3            |           |
|                                               |                           | <b>TOTAL</b> | <b>17</b> |                                                                       |                                 | <b>TOTAL</b> | <b>15</b> |
| Sophomore                                     |                           | Fall         |           | Senior                                                                |                                 | Fall         |           |
| MATH 2414                                     | Calculus II               | 4            |           | ENGT 3336                                                             | Industrial Controls             | 3            |           |
| GOVT 2305                                     | Federal Government        | 3            |           | ENGT 4322                                                             | Applied Thermodynamics          | 3            |           |
| PHYS 2425                                     | University Physics I      | 4            |           | ENGT 4375                                                             | Facility Planning               | 3            |           |
| 050-GEN ED                                    | CREATIVE ARTS             | 3            |           | ENGT 43xx                                                             | Advanced Elective               | 3            |           |
|                                               |                           | <b>TOTAL</b> | <b>14</b> |                                                                       | Advanced Elective               | 3            |           |
|                                               |                           | <b>TOTAL</b> | <b>14</b> |                                                                       |                                 | <b>TOTAL</b> | <b>15</b> |
|                                               |                           | Spring       |           |                                                                       |                                 | Spring       |           |
| SPCH 1311                                     | Into to Speech Comm       | 3            |           | ENGT 4395                                                             | Engineering Technology Projects | 3            |           |
| or SPCH 1315                                  | Public Speaking           |              |           | ENGT 4326                                                             | Appl Linear Programming         | 3            |           |
| GOVT 2306                                     | Texas Government          | 3            |           | ENGT 4356                                                             | Adv. Industrial Controls        | 3            |           |
| ENGR 2301                                     | Engineering Mech: Statics | 3            |           | ENGT 3303                                                             | Industrial Materials            | 3            |           |
| ENGL 23xx                                     | Literature Elective       | 3            |           |                                                                       | Elective                        | 3            |           |
| ECON 2301                                     | Principles of Macroecon   | 3            |           |                                                                       |                                 | <b>TOTAL</b> | <b>15</b> |
|                                               |                           | <b>TOTAL</b> | <b>15</b> |                                                                       |                                 | <b>TOTAL</b> | <b>15</b> |

Notes

**TOTAL CREDIT-ALL TERMS 121**

#Consult with an academic advisor to determine best options

\*HIST 2301 can be substituted for HIST 1301 or HIST 1302

\*ENGL 2311 can be substituted for SPCH 1311 or 1315

\*ENGR 2302 can be satisfied by ENGT 3301

\*ENGR 2332 can be satisfied by ENGT 3313