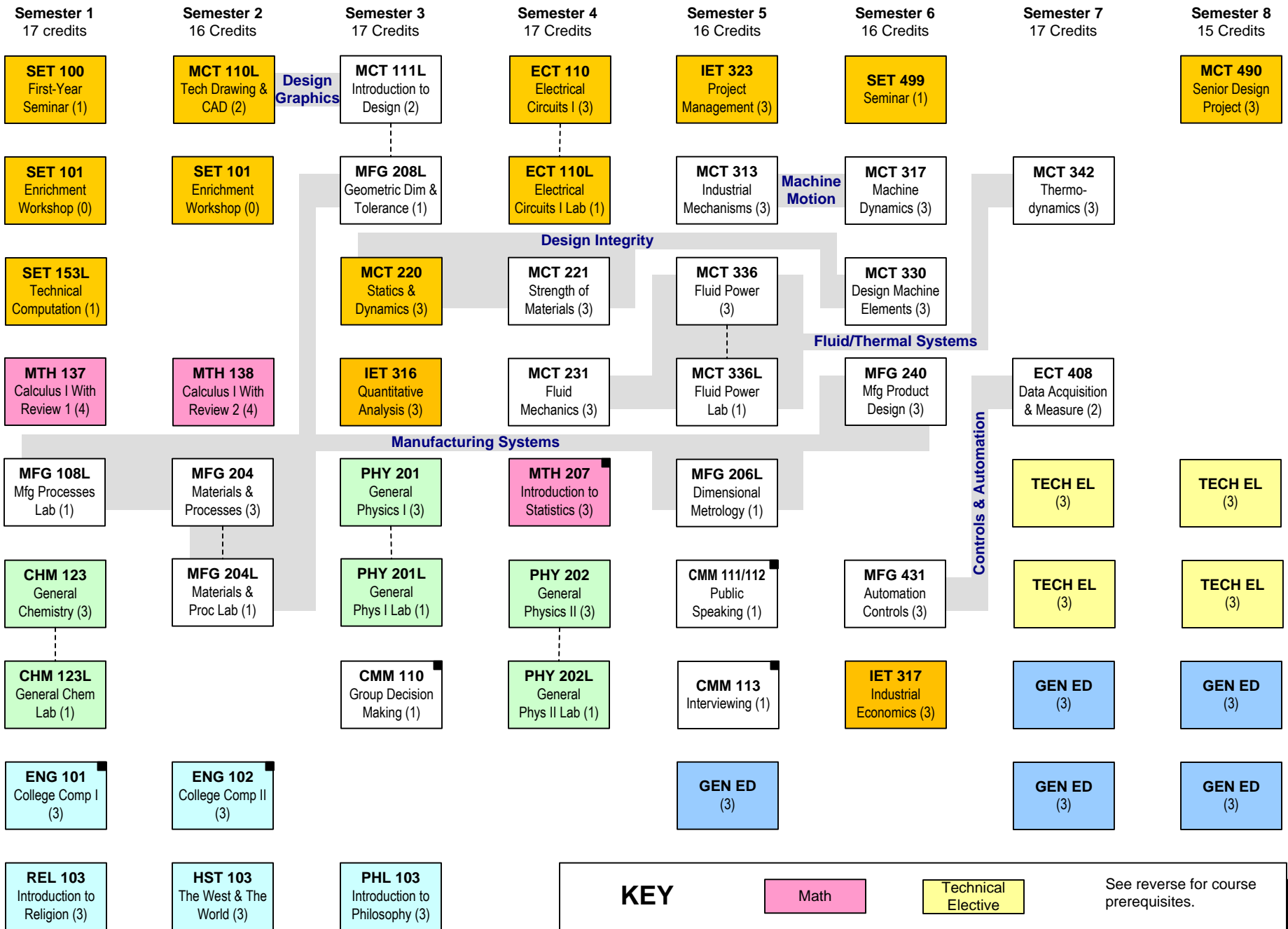


# Bachelor of Science With a Major in Mechanical Engineering Technology



|                   |         |                            |  |
|-------------------|---------|----------------------------|--|
| <b>KEY</b>        | Math    | Technical Elective         | See reverse for course prerequisites.  |
| Humanities Base   | Science | ■ "C-" or better required. |  |
| General Education | ET Core | Technical Focus            | Consult academic advisor for selection of approved general education and technical elective courses. |

# Course Prerequisites & Corequisites

| Electronic & Computer Engineering Technology |   |          |
|--|---|----------|
| Course                                       | Prereq(s)   | Coreq(s) |
| ECT 110                                      |   | ECT 110L |
| ECT 110L                                     |   | ECT 110  |
| ECT 120                                      | ECT 110   |          |
| ECT 206                                      | ECT 120   | ECT 206L |
| ECT 206L                                     |   | ECT 206  |
| ECT 224                                      | ECT 110   | ECT 224L |
| ECT 224L                                     |   | ECT 224  |
| ECT 306                                      | ECT 206   | ECT 306L |
| ECT 306L                                     |   | ECT 306  |
| ECT 328                                      | ECT 306   |          |
| ECT 328L                                     |   |          |
| ECT 357                                      | ECT 224   | ECT 357L |
| ECT 358                                      | ECT 357, 361  | ECT 358L |
| ECT 358L                                     | ECT 357   | ECT 358  |
| ECT 361                                      | SET 153L  |          |
| ECT 362                                      | ECT 357, 361  |          |
| ECT 400                                      | Permission of department chairperson                                |          |
| ECT 408                                      | ECT 110L; (ECT 361 or MCT 221); ENG 102                             |          |
| ECT 451                                      | ECT 408   |          |
| ECT 452                                      | ECT 306, 408  |          |
| ECT 459                                      | ECT 357, 358  |          |
| ECT 460                                      | ECT 357   |          |
| ECT 461                                      | ECT 110   |          |
| ECT 465                                      | ECT 358   |          |
| ECT 466                                      | ECT 357   |          |
| ECT 490                                      | CMM 110, (CMM 111 or 112); ECT 408; IET 323; MTH 138; senior status |          |

| Global Manufacturing Systems Engineering Technology |  |          |
|---|--|----------|
| Course  | Prereq(s)  | Coreq(s) |
| MFG 108L  |  |          |
| MFG 204   | SET 153L   | MFG 204L |
| MFG 204L  | SET 153L   | MFG 204  |
| MFG 206L  | MCT 110L; MTH 137  |          |
| MFG 208L  | MCT 110L   |          |
| MFG 240   | MCT 110L; MFG 108L, 204  |          |
| MFG 400   | Permission of department chairperson   |          |
| MFG 424   | MCT 220, 313; SET 153L   |          |
| MFG 426   | ECT 110; SET 153L  |          |
| MFG 427   | MFG 108L; MFG 204; SET 153L; ECT 110   |          |
| MFG 431   | ECT 120; SET 153L  |          |
| MFG 432   | CHM 123; MFG 204   |          |
| MFG 434   | MCT 110L; MFG 108L; MTH 138; SET 153L  |          |
| MFG 435   | MFG 434  |          |
| MFG 438   | MFG 108L; MFG-204, 204L; or permission of the instructor                       |          |
| MFG 490   | CMM 110, (CMM 111 or 112); IET 323; MFG 108L, 240, 431; MTH 138; senior status |          |

| Industrial Engineering Technology |   |          |
|-----------------------------------|---|----------|
| Course                            | Prereq(s)   | Coreq(s) |
| IET 230                           | MTH 137   | SET 153L |
| IET 316                           | MTH 138 or 168; MTH 207; SET 153L   |          |
| IET 317                           | MTH 137; SET 153L   |          |
| IET 318                           | MTH 207; SET 153L   |          |
| IET 319                           | IET 318; SET 153L   |          |
| IET 320                           | IET 318; MTH 207; SET 153L  |          |
| IET 321                           | IET 318; MTH 207; SET 153L  |          |
| IET 323                           | SET 153L  |          |
| IET 332                           | MCT 110L  | MCT 111L |
| IET 400                           | Junior or senior status; permission of department chairperson             |          |
| IET 408                           | Junior or senior status   |          |
| IET 415                           |   |          |
| IET 418                           | MTH 137; SET 153L   |          |
| IET 420                           |   |          |
| IET 423                           | Junior or senior status   |          |
| IET 425                           | MTH 137; SET 153L   |          |
| IET 435                           | Junior or senior status or permission of department chairperson           |          |
| IET 490                           | CMM 110, (CMM 111 or 112); IET 408, 317, 323, 332; MTH 138; senior status |          |

| Mechanical Engineering Technology |  |          |
|-----------------------------------|--|----------|
| Course                            | Prereq(s)  | Coreq(s) |
| MCT 110L                          |  |          |
| MCT 111L                          | MCT 110L   |          |
| MCT 220                           | SET 153L   | MTH 137  |
| MCT 221                           | MCT 220; MFG 204, 204L; MTH 137; SET 153L                                |          |
| MCT 231                           | MTH 137; SET 153L  |          |
| MCT 313                           | MCT 110L, 220; MTH 137; SET 153L   |          |
| MCT 317                           | MCT 313; MTH 138   |          |
| MCT 330                           | MCT 110L, 221; SET 153L  |          |
| MCT 336                           | MCT 221  | MCT 336L |
| MCT 336L                          |  | MCT 336  |
| MCT 342                           | MCT 231; MTH 138; SET 153L   |          |
| MCT 400                           | Permission of department chairperson                                     |          |
| MCT 423                           | MCT 330  |          |
| MCT 430                           | MCT 336  |          |
| MCT 432                           | MCT 342; SET 153L  |          |
| MCT 438                           | MCT 231; SET 153L  |          |
| MCT 440                           | MCT 317; SET 153L  |          |
| MCT 445                           | MCT 221  |          |
| MCT 445L                          |  |          |
| MCT 446                           | MCT 221; SET 153L  |          |
| MCT 490                           | CMM 110, (CMM 111 or 112); IET 323; MCT 317, 330; MTH 138; senior status |          |

| Engineering Technology |                                      |          |
|------------------------|--------------------------------------|----------|
| Course                 | Prereq(s)                            | Coreq(s) |
| SET 100                |                                      |          |
| SET 101                |                                      |          |
| SET 153L               |                                      |          |
| SET 198                | Permission of department chairperson |          |
| SET 298                | Permission of department chairperson |          |
| SET 300                |                                      |          |
| SET 398                | Permission of department chairperson |          |
| SET 400                | Permission of department chairperson |          |
| SET 498                | Permission of department chairperson |          |
| SET 499                |                                      |          |

## Mathematics

| Course  | Prereq(s)      | Coreq(s) |
|---------|----------------|----------|
| MTH 137 |                |          |
| MTH 138 | MTH 137        |          |
| MTH 250 | MTH 138 or 168 |          |
| MTH 207 |                |          |

## Science

| Course   | Prereq(s) | Coreq(s)       |
|----------|-----------|----------------|
| CHM 123  |           |                |
| CHM 123L |           | CHM 123        |
| PHY 201  |           |                |
| PHY 201L |           | PHY 201 or 206 |
| PHY 202  | PHY 201   |                |
| PHY 202L | PHY 201L  |                |

## English

| Course  | Prereq(s) | Coreq(s) |
|---------|-----------|----------|
| ENG 101 |           |          |
| ENG 102 | ENG 101   |          |