

# ENGINEERING TECHNOLOGY: AAS

## Full-Time Academic Plan

**Missouri Civics Examination.** Students entering college for the very first time in fall 2019 and who intend to complete an associate's degree must successfully

complete a civics examination. Information on who is eligible for a waiver can be found on the STLCC website (<https://stlcc.edu/programs-academics/missouri-civics-exam.aspx>).

**PLEASE NOTE:** If you originally enrolled at STLCC prior to Spring 2024, you may need to view an archived catalog (<https://www.stlcc.edu/programs-academics/course-catalog/>) for your correct program requirements. Please speak with an advisor or the program coordinator for more information.

| Code                            | Title  | Hours     | Prerequisites   | Milestones/Notes   |
|---------------------------------|--|-----------|---|--|
| <b>First Year</b>               |  |           |   |  |
| <b>Fall</b>                     |  |           |   |  |
| MTH 140                         | Intermediate Algebra (or MTH 140S or higher)   | 3         | Satisfactory placement and Reading Proficiency  |  |
| GE 101                          | Technical Computer Applications  | 3         | Reading Proficiency   |  |
| GE 131                          | Engineering Technology Orientation   | 1         | Reading Proficiency   |  |
| GE 135                          | Blueprint Reading for Engineering Technicians  | 2         | Reading Proficiency   |  |
| EE 134                          | Electric Circuits  | 6         | MTH 140 (or MTH 140S) with a minimum grade of "C" or equivalent placement test scores or department approval and Reading Proficiency                            |  |
|                                 | <b>Credit Hours</b>  | <b>15</b> |   |  |
| <b>Spring</b>                   |  |           |   |  |
| XXX xxx                         | Social & Behavioral Sciences: Civics Requirement ( <a href="http://catalog.stlcc.edu/general-education/">http://catalog.stlcc.edu/general-education/</a> ) | 3         |   |  |
| PSI 101<br>or BIO 109           | Physical Science (MOTR PHYS 110)<br>or Human Biology (MOTR LIFS 100)   | 3         | MTH 108 or MTH 140S with a minimum grade of "C", or placement into MTH 140 or higher, and Reading Proficiency   |  |
| ENG 101                         | College Composition I (MOTR ENGL 100)  | 3         | Placement score or ENG 030 or ENG 070 with a grade of "C" or better or recommendation of department and Reading Proficiency or concurrent enrollment in RDG 079 |  |
| Engineering Technology Elective |  | 3         |   | Choose from BE, CE, EE, EGR, ESC, GE, ME, or QC prefixes, or IT 101, IT 201. |
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|                                 | <b>Credit Hours</b>  | <b>15</b> |   |  |
| <b>Second Year</b>              |  |           |   |  |
| <b>Fall</b>                     |  |           |   |  |
| Engineering Technology Elective |  | 3         |   | Choose from BE, CE, EE, EGR, ESC, GE, ME, or QC prefixes, or IT 101, IT 201. |
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|                                 |  |    |  |  |
|---------------------------------|--|----|--|--|
| Engineering Technology Elective |  | 3  |  | Choose from BE, CE, EE, EGR, ESC, GE, ME, or QC prefixes, or IT 101, IT 201. |
|                                 | Credit Hours   | 15 |  |  |
| Spring                          |  |    |  |  |
| GE 240                          | Product Design and Fabrication   | 4  | ME 151 or EE 134 or EGR 100 or ME 111 with minimum grades of "C" or department approval, and Reading Proficiency | Apply for graduation.  |
| COM 101<br>or 107<br>or 201     | Oral Communication I (MOTR COMM 100)<br>or Public Speaking (MOTR COMM 110)<br>or Interpersonal Communication (MOTR COMM 120) | 3  | Concurrent enrollment in ENG 070 or Reading Proficiency  |  |
| Engineering Technology Elective |  | 3  |  | Choose from BE, CE, EE, EGR, ESC, GE, ME, or QC prefixes, or IT 101, IT 201. |
| Engineering Technology Elective |  | 3  |  | Choose from BE, CE, EE, EGR, ESC, GE, ME, or QC prefixes, or IT 101, IT 201. |
| Engineering Technology Elective |  | 2  |  | Choose from BE, CE, EE, EGR, ESC, GE, ME, or QC prefixes, or IT 101, IT 201. |
|                                 | Credit Hours   | 15 |  |  |
|                                 | Total Credit Hours   | 60 |  |  |

\*Click on the hyperlinked course number to view additional information about the course.

\*\*Students completing a course that has been assigned a MOTR number may transfer that course to any public institution in Missouri. Those who complete CORE 42 requirements will have that verification on their transcript.

\*\*\* It is your responsibility to verify that the courses listed above will transfer to the four-year institution of your choice. Maximize your transfer credits/classes by meeting with an academic advisor.