

**Nashville State Community College**  
**Electrical Engineering Technology**  
**A.A.S. Degree**

This sequence can be followed by students who begin college-level work in the fall semester. Prerequisites may apply to specific courses; it is the student's responsibility to determine if prerequisites have been met. Additional semesters will be required if prerequisite courses, including Learning Support courses, must be completed. Prior to registering each semester, the student is expected to consult with his/her advisor

**NAME:** \_\_\_\_\_ **A#** \_\_\_\_\_ **CATALOG YR. 2019-2020**

| <b>FIRST YEAR – FALL SEMESTER</b>  |               |             |              |   | <b>NOTES</b>                  |
|--|---------------|-------------|--------------|---|-------------------------------|
| <b>Course No. and Title</b>  | <b>Credit</b> | <b>Term</b> | <b>Grade</b> | <b>Prerequisite</b>   |                               |
| EETC 1300 Intro to Engr Technology   | 3             |             |              | None  |                               |
| EETC 1313 DC Circuits  | 3             |             |              | None  | 1 <sup>st</sup> 7-week class  |
| EETC1314 AC Circuits   | 3             |             |              | EETC 1313   | 2 <sup>nd</sup> 7-week class  |
| ENGL 1010 English Composition I  | 3             |             |              | Level 2 placement in English or Level 1 placement in English with concurrent enrollment in ENGL 0815; Reading: Level 2 placement in Reading or concurrent enrollment in READ 0815 |                               |
| MATH 1630 Finite Mathematics or MATH 1530 Introductory Statistics              | 3             |             |              | Level 2 placement in Math or with MATH 0845 or MATH 0835  |                               |
| NSCC 1010 First Year Experience  | 1             |             |              |   |                               |
| <b>Total Credit Hours</b>  | <b>16</b>     |             |              |   |                               |
| <b>FIRST YEAR – SPRING SEMESTER</b>  |               |             |              |   |                               |
| <b>Course No. and Title</b>  | <b>Credit</b> | <b>Term</b> | <b>Grade</b> | <b>Prerequisite</b>   |                               |
| ECON 2100 Principles of Macroeconomics   | 3             |             |              | Level 2 placement in English, Reading, and Math   |                               |
| EETC 1321 Electronics I  | 3/3           |             |              | EETC 1314   | 1 <sup>st</sup> 7 week course |
| EETC 1322 Electronics II   |               |             |              | EETC 1321   | 2 <sup>nd</sup> 7 week course |
| EETC 2380 Electrical Code  | 3             |             |              | None  |                               |
| COMM 2025 Fundamentals of Communication or COMM 2045 Public Speaking           | 3             |             |              | ENGL 1010   |                               |
| <b>Total Credit Hours</b>  | <b>15</b>     |             |              |   |                               |
| <b>SECOND YEAR – FALL SEMESTER</b>   |               |             |              |   |                               |
| <b>Course No. and Title</b>  | <b>Credit</b> | <b>Term</b> | <b>Grade</b> | <b>Prerequisite</b>   |                               |
| EETC 1331 Digital Fundamentals   | 3             |             |              | None  |                               |
| EETC 2333 Industrial Electronic Controls                                       | 3             |             |              | EETC 1314   |                               |
| ENST 1311 Computer Aided Design I or CAD 1200 Computer Aided Drafting I        | 3             |             |              | None  |                               |
| ENST 2361 Fluid Power Systems  | 3             |             |              | None  |                               |
| PSCI 1030 Survey of Physical Science or PSCI 1010 Survey of Physical Science I | 4             |             |              | Level 2 placement in Math and Reading   |                               |
| <b>Total Credit Hours</b>  | <b>16</b>     |             |              |   |                               |
| <b>SECOND YEAR – SPRING SEMESTER</b>   |               |             |              |   |                               |
| <b>Course No. and Title</b>  | <b>Credit</b> | <b>Term</b> | <b>Grade</b> | <b>Prerequisite</b>   |                               |
| EETC 1370 Transformers/Rotating Machines                                       | 3             |             |              | EETC 1314   |                               |
| EETC 2190 Capstone   | 1             |             |              | EETC 1314, EETC 1322, EETC 1331, and EETC 2333  |                               |
| EETC 2331 PLC I  | 3             |             |              | None  | 1 <sup>st</sup> 7-week class  |
| EETC 2332 PLC II   | 3             |             |              | EETC 2331   | 2 <sup>nd</sup> 7-week class  |
| EETC 2361 Instrumentation Technology   | 3             |             |              | EETC 1322   |                               |
| Humanities/Fine Arts Elective  | 3             |             |              | See Catalog   |                               |
| <b>Total Credit Hours</b>  | <b>16</b>     |             |              |   |                               |
| <b>Total Degree Credit Hours</b>   | <b>63</b>     |             |              |   |                               |