

## Nashville State Community College Industrial Electrical Maintenance Technical Certificate

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. 2021-2022**

| FIRST YEAR – FALL SEMESTER               |               |             |              |                        | NOTES                         |
|--|---------------|-------------|--------------|------------------------|-------------------------------|
| <i>Course No. and Title</i>              | <i>Credit</i> | <i>Term</i> | <i>Grade</i> | <i>Prerequisite</i>    |                               |
| EETC 1300 Intro to Electrical Engr Tech  | 3             |             |              | None                   |                               |
| EETC 1313 DC Circuits                    | 3             |             |              | None                   | 1 <sup>st</sup> 7 week course |
| EETC 1314 AC Circuits                    | 3             |             |              | EETC 1313              | 2 <sup>nd</sup> 7-week course |
| <b>Total Credit Hours</b>                | <b>9</b>      |             |              |                        |                               |
| FIRST YEAR – SPRING SEMESTER             |               |             |              |                        |                               |
| <i>Course No. and Title</i>              | <i>Credit</i> | <i>Term</i> | <i>Grade</i> | <i>Prerequisite</i>    |                               |
| EETC 1321 Electronics I                  | 3             |             |              | EETC 1314              | 1 <sup>st</sup> 7 week course |
| EETC 2380 Electrical Code                | 3             |             |              | EETC 1314              |                               |
| <b>Total Credit Hours</b>                | <b>6</b>      |             |              |                        |                               |
| SECOND YEAR – FALL SEMESTER              |               |             |              |                        |                               |
| <i>Course No. and Title</i>              | <i>Credit</i> | <i>Term</i> | <i>Grade</i> | <i>Prerequisite</i>    |                               |
| EETC 1331 Digital Fundamentals           | 3             |             |              | None                   |                               |
| EETC 2333 Industrial Electronic Controls | 3             |             |              | EETC 1314              |                               |
| ENST 2361 Fluid Power Systems            | 3             |             |              | None                   |                               |
| <b>Total Credit Hours</b>                | <b>9</b>      |             |              |                        |                               |
| SECOND YEAR – SPRING SEMESTER            |               |             |              |                        |                               |
| <i>Course No. and Title</i>              | <i>Credit</i> | <i>Term</i> | <i>Grade</i> | <i>Prerequisite</i>    |                               |
| EETC 1370 Transformers/Rotating Machines | 3             |             |              | EETC 1314              |                               |
| EETC 2331 PLC I                          | 3             |             |              | EETC 1331 or IPCT 1330 | 1 <sup>st</sup> 7-week course |
| EETC 2332 PLC II                         | 3             |             |              | EETC 2331              | 2 <sup>nd</sup> 7-week course |
| <b>Total Credit Hours</b>                | <b>9</b>      |             |              |                        |                               |
| <b>Total Certificate Credit Hours</b>    | <b>33</b>     |             |              |                        |                               |

All courses will count toward the A.A.S Electrical Engineering Technology degree.  
EETC 1313, 1314, 1321, 2331, and 2332 offered as seven week courses.