

# ELECTRICAL/ELECTRONIC ENGINEERING TECHNOLOGY (BIO-MEDICAL)

electrical-electronic-engineering-technology-concentration-digital-communications-rf-radio-frequency-aas)

- Electrical/Electronic Engineering Technology, Associate of Applied Science (<http://catalog.tri-c.edu/programs/electrical-electronic-engineering-technology-aas>)

| Code                         | Title                                       | Credit Hours |
|------------------------------|---|--------------|
| EET-1161                     | Direct Current Circuits                     | 3            |
| EET-1180                     | Surface Mount Soldering                     | 1            |
| MET-1100                     | Technology Orientation                      | 2            |
| COMM-1000                    | Fundamentals of Interpersonal Communication | 3            |
| Select one of the following: |   | 3            |
| ENG-1010                     | College Composition I                       |              |
| ENG-101H                     | Honors College Composition I                |              |
| BIO-1050                     | Human Biology                               | 3            |
| BIO-105L                     | Human Biology Laboratory                    | 1            |
| EET-1210                     | AC Electric Circuits                        | 3            |
| EET-1241                     | Digital Fundamentals                        | 3            |
| ENG-2151                     | Technical Writing                           | 3            |
| Select one of the following: |   | 4            |
| MATH-1530                    | College Algebra                             |              |
| MATH-153H                    | Honors College Algebra                      |              |
| EET-2111                     | Industrial Electronics I                    | 3            |
| EET-2120                     | Electronics I                               | 3            |
| EET-2170                     | Signal Analysis                             | 3            |
| EET-2400                     | Biomedical Instrumentation I                | 3            |
| One of the following:        |   | 3            |
| MATH-1540                    | Trigonometry                                |              |
| MATH-154H                    | Honors Trigonometry                         |              |
| EET-2220                     | Electronics II                              | 3            |
| EET-2410                     | Biomedical Instrumentation II               | 3            |
| EET-2490                     | Biomedical Design Project                   | 2            |
| PHYS-1210                    | College Physics I                           | 4            |
| ITNT-2300                    | Networking Fundamentals                     | 3            |
| Select one of the following: |   | 3            |
| PHIL-2020                    | Ethics                                      |              |
| PHIL-202H                    | Honors Ethics                               |              |
| EET-2901                     | Clinical Internship                         | 3            |

## Related Degrees and Certificates

- Electronic Engineering Technician, Certificate of Proficiency (<http://catalog.tri-c.edu/programs/electronic-engineering-technician-certificate-proficiency>)
- Electrical/Electronic Engineering Technology with a Concentration in Bio-Medical Engineering, Associate of Applied Science (<http://catalog.tri-c.edu/programs/electrical-electronic-engineering-technology-concentration-bio-medical-aas>)

## Degrees and Certificates

- Electrical/Electronic Engineering Technology with a Concentration in Digital Communications, Including RF, Radio Frequency, Associate of Applied Science (<http://catalog.tri-c.edu/programs/>)