



Your Success  
Starts Here.



## ENGINEERING AT SYLVANIA SOUTHVIEW HIGH SCHOOL

**Owens Community College Major:** Electrical/Electronics Engineering Technology

**Program Length:** 4 Semesters

**Credits:** 63-64

### PROGRAM INFORMATION

This program prepares individuals for a career at the technician level in instrumentation and controls, research and development, testing, installation and maintenance of electrical/electronics systems.

### JOB OPPORTUNITIES FOR GRADUATES

Students who complete an associate's degree in electrical/ electronics engineering technology may become an electrical and electronics installer and repairer or they may become an electrical and electronics engineering technician. The installer and repairer installs, repairs or replaces a wide range of electrical equipment in utilities, transportation, and telecommunications and many other similar types of industries. The electrical and electronics engineering technicians work closely with the engineers to design and develop computers, communications equipment, medical equipment and various other types of electronic equipment. The technicians do more with equipment evaluation, testing and diagnostics to adjust, test and repair rather than to install equipment. Installer and repairers work in factories while the technicians work in the manufacturing setting in research and development. The technicians need to have at least an associate's degree and possibly some company specified industry certificates. Installer repairers must have at least some specialized training at a technical college and company specified industry certificates. Those who hold a bachelor's in electrical/ electronics engineering technology can become a professional engineer by passing the Professional Engineer's (P. E.) licensing exam.

### SALARY

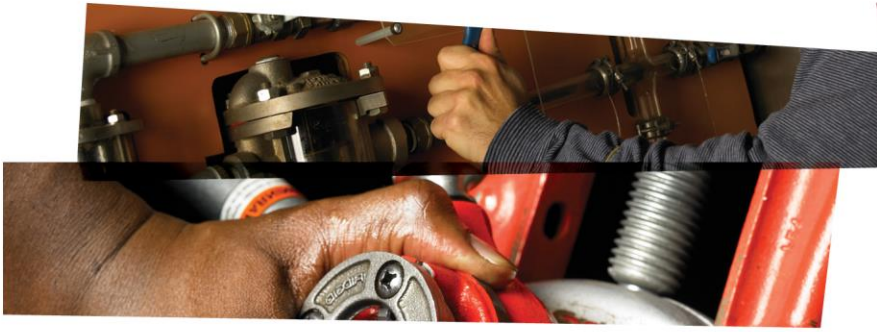
For the associate of electrical/electronics engineering technology degree holder the salary range is around \$34,000 - \$58,000 varying by region of the country. The holder of a bachelor's in electrical/electronics engineering technology has a salary range of about \$60,000 - \$90,000 by region of the country.

### TECH PREP SCHOLARSHIP

Owens Community College offers Tech Prep scholarships to graduating high school seniors who have participated in a Tech Prep career pathway within the Greater Northwest Ohio Tech Prep Consortium. The maximum award is \$2,000 total (\$1,000 per year) or \$500 per semester for four semesters to cover tuition, fees, and an allotment for books **that are not covered** by other financial aid, such as the Federal Pell Grant, as long as the student maintains eligibility. This scholarship does not pay for supplies, lab fees, course fees, and other institutional fees. Students must have earned a 2.5 on a 4.0 by the end of the 7<sup>th</sup> semester of high school. They must enroll at Owens, full time, for the fall semester immediately following high school graduation, and declare an associate degree program related to the chosen high school Tech Prep pathway.



**OWENS**  
COMMUNITY COLLEGE



Apply Today!

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### 1ST SEMESTER

#### EET 101 Circuit Analysis I

- EET 118 C Programming
- ENG 111 Composition I\*
- MTH 170 College Algebra\*
- STM 105 Technology in Society

Credits: 4

- Credits: 3
- Credits: 3
- Credits: 4
- Credits: 2

### 2ND SEMESTER

- EET 102 Circuit Analysis II
- EET 110 Electronics I
- MTH 228 Mathematics for Technology
- PHY 151 Industrial Physics-Mechanics
- PHY 152 Industrial Physics-Ht Li Sound

- Credits: 4
- Credits: 4
- Credits: 3
- Credits: 2
- Credits: 2

### 3RD SEMESTER

- EET Computer Diagnosis
- EET 201 Digital Circuits
- EET 211 Electronics II
- PSY 111 Indust/Organization Psych
- SPE 101 Public Speaking

- Credits: 3
- Credits: 4
- Credits: 3
- Credits: 3

### 4TH SEMESTER

- EET 205 Advanced Digital Circuits
- EET 212 Electronic Systems
- EET 220 CAD Electronic Drafting
- EET 165 Automation Control: PLC I
- \_\_\_\_ Electrical Engineering Technology Elective

- Credits: 4
- Credits: 4
- Credits: 3
- Credits: 2
- Credits: 2 to 3

\*Select from EET 281 or EET 161

**EET 101 - In order to earn the CTAG credit, the student must pass DC and AC Electronic Circuits with a C or better, and students must take the end of course exam.**

**EET 201 - In order to earn the CTAG credit, the student must pass Digital Electronic with a C or better, and students must take the end of course exam.**

This program earns college credit through the (CT)<sup>2</sup> program at Owens Community College.

College Credits earned via (CT)<sup>2</sup>:      **08**  
**TOTAL:**      **08**

**Cost savings to the student:      \$1,224**  
*Calculation is based on current tuition structure, and is subject to change.*

Students do not receive an application fee if they continue their studies at Owens Community College!

For enrollment information, please contact your Admissions Representative:

Office of Admissions  
 30335 Oregon Rd.  
 Perrysburg, OH 43551  
 (567) 661-7777

\*Ohio Transfer Module Course More information about the Ohio Transfer Module Course can be found at [www.ohiohighered.org/transfer/transfermodule](http://www.ohiohighered.org/transfer/transfermodule)

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