

Electrical Engineering Technology



WHAT IS THE PROGRAM?

Using the very latest equipment and software found in industry, you will learn the design, application, manufacturing, installation, operation and maintenance of electrical and electronic systems. The certificates and associates degree will prepare you for jobs in applied design, electronics, embedded systems, control systems, instrumentation, telecommunications and power systems.

COURSES OFFERED AT THE GRAYSLAKE CAMPUS (2022 SPRING SEMESTER):

EET 115 Electronic Laboratory Techniques

2 Hours, Corequisite: EET 170

In-Person Class (Grayslake)

- EET 115-001 1-3:30 p.m. Wed 1/19/2022 - 5/4/2022
- EET 115-002 6:30-9:00 p.m. Thur 1/20/2022 - 5/5/2022

EET 170 DC Circuit Fundamentals

2 Hours, Prerequisite: College Reading and Writing Readiness Recommended: MTH 117

In-Person Class (Grayslake)

- EET 170-001 10:00-12:20 p.m. Tues/Thur 1/18/2022 - 3/10/2022
- EET 170-002 5:30-9:50 p.m. Mon 1/24/2022 - 3/07/2022
- EET 170-003 5:30-9:50 p.m. Wed 1/19/2022 - 03/09/2022

EET 174 AC Fundamentals

2 Hours, Prerequisite: EET 170 and MTH 122, Corequisite: MTH 123

In-Person Class (Grayslake)

- EET 174-001 5:30-9:50 p.m. Mon 3/14/2022 - 5/2/2022
- EET 174-002 5:30 p.m.-9:50 p.m. Wed 3/16/2022 - 5/4/2022
- EET 170-002 10:00-12:20 p.m. Tues/Thur 3/15/2022 - 5/5/2022

EET 176 Circuit Analysis and Network Theorems

4 Hours, Prerequisite: EET 174 and Corequisite: MTH 122 or MTH 123 or MTH 144

In-Person Class (Grayslake)

- EET 176-001 5:30 p.m.-9:50 p.m. Thur 1/20/2022 -5/12/2022

EET 211 Advanced Solid State Electronics

4 Hours, Prerequisite: EET 113

In-Person Class (Grayslake)

- EET 211-001 5:30-10:00 p.m. Wed 1/19/2022 - 5/4/2022

EET 216 Microprocessors I

4 Hours, Prerequisite: EET 223 AND MCS

141 or CIT 134 or consent of instructor

In-Person Class (Grayslake)

- EET 216-001 5:30-9:50 p.m. Wed 1/24/2022 - 5/2/2022

EET 230 Electrical Machinery

3 Hours, Prerequisite: EET 170, EET 174 or ELC 172 Consent

In-Person Class (Grayslake)

- EET 230-001 5:30-9:50 p.m. Thur 1/20/2022 - 5/5/2022

ELC 171 Programmable Logic Controllers

3 Hours

In-Person Class (Grayslake)

- ELC 171-001 5:30-9:30 p.m. Mon 1/24/2022 - 5/2/2022
- ELC 171-002 5:30-9:30 p.m. Wed 1/19/2022 - 5/4/2022

ELC 172 Applied AC Circuit Theory

2 Hours, Recommended preparation EET 170 & ELC 172

In-Person Class (Grayslake)

- ELC 172-001 5:30-9:50 p.m. Mon 3/14/2022 - 05/02/2022

ELC 271 Advanced Programmable Controls

3 Hours, Prerequisite: ELC 171 or Instructor Consent

In-Person Class (Grayslake)

- ELC 271-001 5:30-9:30 p.m. Tues 1/18/2022 - 5/3/2022



NUMBER OF JOBS
IN AREA: 2,540



PROGRAM LENGTH:
9-21 months



AVERAGE SALARY:
\$68,740 per year
\$33.05 per hour

Salary source: https://www.bls.gov/oes/current/oes_16980.htm#15-0000 These estimates are calculated with data collected from employers in all industry sectors in Chicago-Naperville-Elgin, IL-IN-WI, a metropolitan statistical area that includes parts of Illinois, Indiana, and Wisconsin. May 2019

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