

www.clcillinois.edu/programs/eet

A.A.S. PROGRAM OVERVIEW

Engineering, Math and Physical Sciences
Division, Room T302, (847) 543-2044

**Degree: Associate in Applied Science,
Electrical Engineering Technology
Plan 24ED**

Students are prepared to work in electrical or electronic research, electronic layout, instrumentation, design, field service, communication and service laboratories, as an electrical or electronics engineering technician, installer and repairer, or maintenance. The degree also prepares students for telecommunications, biomedical, broadcast and sound engineering.

To complete an A.A.S., students are **strongly encouraged** to meet with a Student Development Counselor or advisor to identify coursework that will meet degree requirements.

FIRST SEMESTER		15-17
EET 170	DC Circuit Fundamentals	2
EET 115	Electronic Laboratory Techniques	2
EET 174	AC Fundamentals	2
MTH 123	Trigonometry <i>or</i>	
MTH 144	Precalculus	3-5
ENG 120	Technical Composition I	3
SOC 121	Introduction to Sociology	3

SECOND SEMESTER		16
EET 176	Circuit Analysis and Network Theorems	4
EET 223	Introduction to Digital Electronics	4
CMM 121	Fundamentals of Speech	3
PHY 121	General Physics I	5

THIRD SEMESTER		18
EET 113	Solid State Electronics	4
EET 230	Electrical Machinery	3
MTH 145	Calculus and Analytic Geometry I	5
PHI 122	Logic	3
PSY 122	Industrial/Organizational Psychology	3

FOURTH SEMESTER		17-19
EET 211	Advanced Solid State Electronics	4
EET 216	Microprocessors I	4
ECO 221	Principles of Macroeconomics <i>or</i>	
ECO 222	Principles of Microeconomics	3
	Approved Technical Electives	6-8

TECHNICAL ELECTIVES		6-8
MTH 146	Calculus and Analytic Geometry II	4
EET 212	Electronic Communications Systems	3
EET 130	Introduction to Renewable Energy Sources	4
EIT 210	Data and Network Communication	4
ELC 171	Programmable Logic Controllers	3
ELC 271	Advanced Programmable Controls	3
MTH 122	College Algebra	5
	Departmentally Approved Elective	3-5

Total Hours for A.A.S. Degree 66-70

WHAT DOES AN EET DO?

Electrical Engineering Technicians focus on implementation, application and applied design in an extremely broad range of electrical engineering sub-disciplines including electronics, embedded systems, control systems, instrumentation, telecommunications, and power systems. Graduates from EET work in a wide range of career fields including aerospace and avionics, biomedical, advanced manufacturing, automotive, telecommunications and tech companies, utilities, pharmaceutical and defense industries.

TYPICAL JOBS

- Electronics Engineering Technician
- Electrical Engineering Technician
- Electronics Test Technician
- Failure Analysis Technician
- Field Engineer
- Electro-mechanical Technician
- Electrical/Electronics Engineer

GETTING STARTED

For steps on how to apply and register, visit www.clcillinois.edu/admission.

CONTACT INFO

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