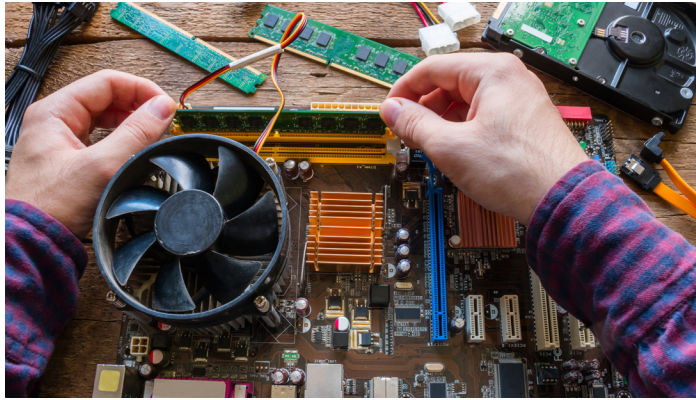


Electronic Engineering Technology

PROGRAM CODE: 10-605-7



Associate Degree



COURSES	CREDITS
JOB READY	
QETECH-200 Fundamentals of Engineering	3
ELCTEC-110 DC/AC Electronics 1 ‡ ^	4
ELCTEC-130 Digital Electronics ‡ ^	3
ENG-195 Written Communication ‡ (or) ENG-201 ‡	3
MATH-115 College Technical Mathematics 1 ‡ ^	5
(or) MATH-230 ‡ (or) MATH-231 ‡	
PSYCH-199 Psychology of Human Relations (or) PSYCH-231	3
ELCTEC-111 DC/AC Electronics 2 ‡ ^	3
ELCTEC-120 Electronic Devices ‡ ^	4
ELCTEC-140 Microprocessors ‡ ^	3
MATH-116 College Technical Mathematics 2 ‡	4
(or) MATH-231 ‡ (or) MATH-232 ‡	
ELCTEC-121 Electronic Devices Advanced ‡	3
ELCTEC-150 Data Communications and Networking ‡	3
ELCTEC-196 PLC Systems Basic ‡	3
ENG-197 Technical Reporting ‡	3
(or) Any 200-level ENG or SPEECH course	
ELCTEC-131 Advanced Digital Electronics ‡ (or) ELCTEC-198 ‡	3
ELCTEC-141 Microcontrollers ‡	3
ELCTEC-176 Computer Networks ‡	3
ELCTEC-195 Motors and Controls ‡	4
ELECTIVE (One credit)	1
SOCSCI-197 Contemporary American Society (or) SOCSCI-203	3

Location: West Allis Campus

Start Dates: August and January

Admission Requirement: High school diploma or equivalent

Academic Preparedness Requirements: One year of high school-level geometry and algebra, or equivalent

Financial Aid Eligible: Yes. Use code 003866 at fafsa.gov.

Program Description

Gain the expertise for professional testing/repair positions in the electronics field. If you are interested in continuing your education to pursue a Bachelor of Science Electrical Engineering degree at Milwaukee School of Engineering (MSOE), select the MSOE-BSEE Transfer courses.

Career Outlook

Technicians assist engineers and producers of electronic equipment and systems and are part of a fast-growing career area.

Program Learning Outcomes

Apply electronic theory to practice, operate test equipment and build electronic circuits and systems.

‡ Prerequisite required. Program curriculum requirements are subject to change.

^ Counts toward earning the Electronics Technician Fundamentals technical diploma.

Current MATC students should consult their Academic Program Plan for specific curriculum requirements.

MATC courses are offered in person, entirely online or partially online. Check each course's delivery options in Self-Service at selfservice.matc.edu.

Official WTCS program title: Electronic Systems Technician.



Complete Program Details

QUESTIONS? 414-297-6319 or stempathway@matc.edu

CREDITS

Total credits needed to complete this degree

64

MSOE-BSEE TRANSFER*

QETECH-200 Fundamentals of Engineering	3
ELCTEC-110 DC/AC Electronics 1 ‡ ^	4
ELCTEC-130 Digital Electronics ‡ ^	3
ENG-201 English 1 ‡	3
PSYCH-231 Introductory Psychology	3
ELCTEC-111 DC/AC Electronics 2 ‡ ^	3
ELCTEC-120 Electronic Devices ‡ ^	4
ELCTEC-140 Microprocessors ‡ ^	3
SOCSCI-203 Introduction to Sociology	3
PHYS-274 Calculus-Based Physics 1 ‡	4
ELCTEC-105 DC/AC 3 Advanced Circuits ‡	3
ELCTEC-121 Electronic Devices Advanced ‡	3
ELCTEC-195 Motors and Controls ‡	4
ELCTEC-196 PLC Systems Basic ‡	3
ENG-208 Technical Communications ‡	3
MATH-231 Analytic Geometry and Calculus 1 ‡	5
ELCTEC-106 Advanced Electronics Analysis ‡	3
ELCTEC-141 Microcontrollers ‡	3
ELCTEC-150 Data Communications and Networking ‡	3
ELECTIVES (Five credits)	5
MATH-232 Analytic Geometry and Calculus 2 ‡	5

CREDITS

Total credits for MSOE-BSEE transfer program

***73**