PROGRAM CODE: 30-605-1

Electronics Technician Fundamentals



Technical Diploma

CREDITS



COURSES Fundamentals of Engineering3 QETECH-200 ELCTEC-110 DC/AC Electronics 1 ‡4 Digital Electronics ‡......3 ELCTEC-130 **MATH-115** College Technical Mathematics 1 # 5 ELCTEC-111 Electronic Devices ‡......4 **ELCTEC-120** ELCTEC-140 Microprocessors ‡......3 **CREDITS**

‡ Prerequisite required.

for specific curriculum requirements.

Total credits needed to complete this diploma

Program curriculum requirements are subject to change.

Current MATC students should consult their Academic Program Plan

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

Location: Downtown Milwaukee Campus

Start Dates: August and January

Admission Requirement: High school diploma or equivalent

Academic Preparedness Requirements: One year of high school-level geometry and one year of high school-level

algebra, or equivalent

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

Program Description

Gain the core competencies of electronics, such as DC/AC principles, digital electronics and microprocessors, through coursework that emphasizes hands-on learning. These skills provide entry-level opportunities for employment or the base knowledge to pursue further education in electronics.

Career Outlook

Electronics is a rapidly changing field, with jobs in many sectors of industry.

- · Apply electronic theory to basic circuits.
- · Operate test equipment.
- · Install electronic circuits and systems.

Program Learning Outcomes



Complete Program Details

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

MATC.EDU | 414-297-MATC | WISCONSIN RELAY SYSTEM 711

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TECHNICAL COLLEGE