

Chemical Technician

PROGRAM CODE: 10-603-1



Associate Degree

**Location:** Downtown Milwaukee Campus**Start Dates:** August**Admission Requirement:** High school diploma or GED, one year of high school-level chemistry, and advanced algebra or one semester of MATH-116 College Technical Mathematics 2**Transfer:** Will transfer to one or more four-year institutions**Financial Aid Eligible:** Yes.Apply at fafsa.gov. Use School Code 003866.

Program Description

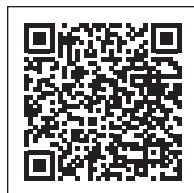
Chemical technicians assure the quality of the products made in the manufacturing, chemical and allied industries. This program trains you to perform as an analyst or chemist's assistant in various industries.

Career Outlook

Employment prospects for program graduates are strong, locally and nationally. Most graduates work in labs, in research and development, or in technical assistance.

Program Learning Outcomes

- Apply knowledge of chemical apparatus, equipment and procedures.
- Work precisely in solution making.
- Communicate and receive precise chemical data and procedures.
- Practice laboratory safety procedures.
- Use software for instrument operation and data handling.

**Complete Program Details****QUESTIONS?** 414-297-6319 or stempathway@matc.edu

COURSE	CREDITS
CHEMT-101	Chemical Laboratory/Process Safety ‡ ^ 2
CHEMT-103	Introduction to Chemical Technology ^ 2
CHEMT-111	General Chemistry 1 ‡ ^ 5 (or) CHEM-211 Chemistry 1 ‡
ENG-195	Written Communication ‡ ^ 3 (or) ENG-201 English 1 ‡
CHEMT-105	Introduction to Instrumental Methods ^ 3
CHEMT-112	General Chemistry 2 ‡ ^ 5 (or) CHEM-212 Chemistry 2 ‡
ENG-197	Technical Reporting ‡ ^ 3 (or) Any 200-level ENG or SPEECH course
PHYS-139	Survey of Physics 3
CHEMT-107	Industrial Methods of Analysis ‡ 2
CHEMT-116	Instrumental Analysis ‡ 5 (or) CHEM-216 Instrumental Analysis ‡
CHEMT-117	Organic Chemistry 1 ‡ 3 (or) CHEM-217 Organic Chemistry 1 ‡
CHEMT-119	Organic Chemistry Laboratory 1 ‡ 2 (or) CHEM-219 Organic Chemistry Laboratory 1 ‡
ELECTIVES	(Two credits) 2
PSYCH-199	Psychology of Human Relations 3 (or) Any 200-level PSYCH course
CHEMT-109	Chemical Processes ‡ 3
CHEMT-115	Quantitative Analysis ‡ 5 (or) CHEM-215 Quantitative Chemical Analysis ‡
CHEMT-118	Organic Chemistry 2 ‡ 3 (or) CHEM-218 Organic Chemistry 2 ‡
ELECTIVES	(Three credits) 3
SOCSCI-197	Contemporary American Society 3 (or) Any 200-level SOCSCI or HIST course

CREDITS

Total credits needed to complete this degree

60

‡ Prerequisite required.

^ Counts toward earning the Science Processing Technician technical diploma.

Program curriculum requirements are subject to change.

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