MASSASOIT COMMUNITY COLLEGE

Academic Map
Entering Fall 2024
Based on Full-time Enrollment

Engineering Transfer - Electrical

Associate in Science

Semester 1

		Credits
CHEM 151	General Chemistry I	4 ☐
ENGT 140	Intro to Engineering	4 ☐
MATH 221	Calculus I	4 ☐
ENGL 101	English Composition I	3 ☐
HU	Humanities Elective	3 ☐
		18

Semester 2

		Credits
COSC 170	C++ for Engineers	3 ☐
ENGT 270	Circuit Theory I	4 ☐
MATH 222	Calculus II	4 ☐
PHYS 161	General Physics I	4 ☐
ENGL 102	English Composition II	3 ☐
		18

Semester 3

		Credits
ENGT 114	Digital Circuits	4 ☐
ENGT 271	Circuit Theory II	4 ☐
MATH 223	Calculus III	4 ☐
PHYS 162	General Physics II	4 ☐
SS	Social Science Elective	3 ☐
		19

Semester 4

		Credits
ENGT 204	Microprocessors and Digital Systems	4 ☐
MATH 230	Differential Equations	4 ☐
HU	Humanities Elective	3 ☐
SS	Social Science Elective	3 ☐
	General Elective	3 ☐
		17

CONGRATULATIONS
You've Arrived!

This academic map is a suggested semester-by-semester guide to keep you on a clear path to program completion. Your academic advisor will provide you with clear direction needed to stay on course and discuss scheduling options with you. Taking courses not reflected on this map may result in courses not counting toward the completion of your requirements.

Please note that program-specific courses are only offered on the Canton Campus.

About Developmental Courses

Developmental courses do not satisfy graduation requirements, but are required for those who place into them and will appear on a student's transcript. Placement into one of the following courses indicates that a student needs additional preparation before enrolling in college-level courses:

ENGL 091	Preparing for College Reading I
ENGL 092	Preparing for College Reading II
ENGL 095	Reading and Writing Seminar
ENGL 098	Reading and Writing Studio
ENGL 099	Introductory Writing
MATH 001-003	Preparing for College Math I-III
MATH 010	Fundamentals of Mathematics
MATH 011	Introductory Algebra
MATH 012	Intermediate Algebra
MATH 060	Math Literacy
MATH 061	Non-algebra Support
MATH 065	Integrated Preparation for College Algebra

KEY

Keep an eye out for these symbols, which give important information about certain courses.

	These courses have no prerequisites or developmental courses required.
	These courses are only offered in certain semesters.
	Students must earn a minimum grade in these courses to remain in the program.
	Eligible electives for this program are listed on the reverse. Watch for this symbol.

HELPFUL HINTS

	Summer and/or Winter Session classes may be available for your program to help you finish on time. See your advisor or visit the online course search for availability.
	Taking 15 credits/semester or 30 credits/year will help you stay on track to finish your degree in two years.

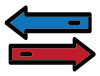
Engineering Transfer - Electrical

Associate in Science

Program Notes

This curriculum is for students who want to transfer into a four-year institution to complete their bachelors of science in electrical engineering degree.

Students in this program are strongly encouraged to work closely with an engineering staff member and meet with them to determine courses for future semesters. Transfer requirements are different from one four-year institution to the next and we want to make sure that students take the courses that will provide a smooth transfer into a four-year engineering program.



Elective Advising for Transfer

General Electives: Students transferring to UMass Lowell are advised to take TCOM 130 Intro Networking for credit for UML's EECE 2460. All other students may take TCOM 130 Intro Networking or ENGT 107 Computer-Aided Drafting.

Students transferring to UMass Lowell are advised to take CHEM 151 General Chemistry I in addition to their normal schedule for credit for UML's CHEM 1210 and CHEM 1230L.

Other Electives: Students choosing a humanities, lab science, liberal arts, modern language, or science elective can select from the Course Elective Guide at **massasoit.edu/electives**.

*Transfer Note: The **transfer maps** are only recommended for getting into some programs at particular colleges with specific grades. If you are interested in transferring, we recommend you sign up for a Transfer Information Session on our Transfer Services website: **massasoit.edu/transfer.**

Some courses may have prerequisites, which are courses that **must** be taken prior to a particular course. For details, log into Degree Works through your MyMassasoit portal.

A minimum of 72 credits and 20 courses is required for completion. The same course may not be used to satisfy two different course requirements.

After Graduation/Completion

Consider joining and/or visiting sites of professional organizations such as:

Institute of Electronic and Electrical Engineers www.ieee.org
Institution of Engineering and Technology www.theiet.org
Association for Computing Machinery www.acm.org
Audio Engineering Society www.aes.org

Consider attending conferences in the area to learn more about product design and what different opportunities exist. Pursue research, mentorship, and projects at your four-year school.

Resources for Academic Success

All college phone numbers are 508-588-9100 + extension.

Student Central

Admissions, financial aid, registration & payments

massasoit.edu/studentcentral
studentcentral@massasoit.mass.edu

Brockton | Student Center, Upper Level
Canton | First Floor, C121

Admissions: x1411 Financial Aid: x1479
Registrar: x1949 Student Accounts: x1507

Testing & Assessment

massasoit.edu/testing

Brockton | Student Center, Lower Level | x1991

Advising, Career & Transfer Center

massasoit.edu/act-center
act@massasoit.edu

Brockton | Student Center, Lower Level | x1461
Canton | First Floor, C126 | x2516

Academic Resource Center

Tutoring & academic support services

massasoit.edu/arc

Brockton | Student Center, Lower Level | x1801
Canton | First Floor, C126 | x2516

Access & Disability Resources

massasoit.edu/adr | x1807

Division Dean

Katie Ruggieri, Ph.D. | sciencemath@massasoit.edu | x1508