



## Engineering Transfer - Civil

## Associate in Science

This academic map is a suggested semester-by-semester guide to keep you on a clear pathway 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.

Semester 1		Credits
ENGT 140	Intro to Engineering	4 <input type="checkbox"/>
CHEM 151	General Chemistry I	4 <input type="checkbox"/>
ENGL 101	English Composition I	3 <input type="checkbox"/>
MATH 221	Calculus I	4 <input type="checkbox"/>
HU - - -	Humanities Elective	3 <input type="checkbox"/>

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Semester 2		Credits
ENGL 102	English Composition II	3 <input type="checkbox"/>
MATH 222	Calculus II	4 <input type="checkbox"/>
PHYS 161	General Physics I	4 <input type="checkbox"/>
CHEM 152	General Chemistry II	4 <input type="checkbox"/>
SS - - -	Social Science Elective	3 <input type="checkbox"/>

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Semester 3		Credits
ENGT 273	Statics	4 <input type="checkbox"/>
MATH 223	Calculus III	4 <input type="checkbox"/>
PHYS 162	General Physics II	4 <input type="checkbox"/>
LS - - -	Lab Science Elective	4 <input type="checkbox"/>
SS - - -	Social Science Elective	3 <input type="checkbox"/>

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Semester 4		Credits
ENGT 107	Computer-Aided Drafting	3 <input type="checkbox"/>
ENGT 274	Dynamics	3 <input type="checkbox"/>
ENGT 275	Strength of Materials	4 <input type="checkbox"/>
MATH 260	Differential Equations	4 <input type="checkbox"/>
HU - - -	Humanities Elective	3 <input type="checkbox"/>

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### About Developmental Courses

Developmental courses do not satisfy graduation requirements, but they are required for those who place into them and will appear on the 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 099	Introductory Writing
MATH 001-003	Prep College Math I-III	MATH 010	Fundamentals of Mathematics
MATH 060	Math Literacy	MATH 011	Introductory Algebra
MATH 012	Intermediate Algebra		

### Route to Success

Summer and/or Winter Session classes may be available for your program to help you finish on time. See your advisor and/or visit the online course search for availability.

#### Ready to Go

Courses have no prerequisites or developmental courses.



#### Semester-specific Course Offerings

Courses are not offered all semesters.

#### Minimum Grade Requirement

Students must earn a minimum grade to remain in the program.



#### Electives

For details on eligible electives, please see reverse.



Taking **15 credits/semester** or **30 credits/year** will help you stay on track to finish your degree in two years.



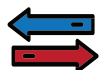
CONGRATULATIONS  
**You've Arrived!**

## Program Notes

This curriculum is for students who want to transfer into a 4-year institution to complete their bachelors of science in civil 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 4-year institution to the next and we want to make sure that students take the courses that will provide a smooth transfer into a 4 year engineering program.

Students should begin researching transfer institution options as early as possible in order to tailor their courses at Massasoit Community College if possible, and to understand the expectations and opportunities that each 4-year college offers.



**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](http://massasoit.edu/electives). It is strongly suggested that students choosing these courses work with engineering faculty to ensure the elective they plan to take will be accepted when they transfer.

This program is intended for students who wish to continue their education to pursue a bachelor's degree at a four-year college or university. Students enrolled in this program may consider transfer options through MassTransfer with Massachusetts state colleges and universities or other transfer opportunities at private institutions.

For more information about transfer opportunities, program pathways, course equivalencies, and upcoming transfer events, please visit [massasoit.edu/transfer](http://massasoit.edu/transfer).

Some courses may have prerequisites, which are courses that **must** be taken prior to a particular course. For details, log into DegreeWorks 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:

- American Society of Civil Engineers (ASCE)** [www.asce.org](http://www.asce.org)
- Earthquake Engineers Research Institute (EERI)** [www.eeri.org](http://www.eeri.org)
- United States Society of Dams (USSD)** [www.usdams.org](http://www.usdams.org)
- American Concrete Institute (ACI)** [www.concrete.org](http://www.concrete.org)
- American Society for Engineering Education (ASEE)** [www.asee.org](http://www.asee.org)
- ASM International** [www.asminternational.org](http://www.asminternational.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 4-year school. An articulation agreement with UMass Dartmouth exists for Civil Engineering at Massasoit Community College.

## Resources for Academic Success at Massasoit

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

**Registrar's Office**  
[massasoit.edu/registrar](http://massasoit.edu/registrar)  
[registrar@massasoit.mass.edu](mailto:registrar@massasoit.mass.edu)

Brockton	A240, Upper Level	x1949
Canton	Enrollment Center	x2677
Middleborough	Main Office	x4002

**Testing & Assessment**  
[massasoit.edu/testing](http://massasoit.edu/testing)  
 x1991

**Financial Aid**  
[massasoit.edu/finaid](http://massasoit.edu/finaid)  
[fao@massasoit.mass.edu](mailto:fao@massasoit.mass.edu)

Brockton	A131A, Lower Level	x1479
Canton	Enrollment Center	x2008

**Advisement & Counseling Center**  
[massasoit.edu/advisement-counseling](http://massasoit.edu/advisement-counseling)  
[advisementcounseling@massasoit.edu](mailto:advisementcounseling@massasoit.edu)

Brockton	Student Center, Lower Level	x1461
Canton	First Floor, C120	x2677
Middleborough	Main Office	x4002

**Academic Resource Center**  
[massasoit.edu/arc](http://massasoit.edu/arc)

Brockton	Student Center, Lower Level	x1801
Canton	First Floor, C126	x2516
Middleborough	Main Office	x4002

**Division Dean**  
 Carine Sauvignon  
[emergenttech@massasoit.mass.edu](mailto:emergenttech@massasoit.mass.edu)  
 x2106

## Resources for Future Planning

**Transfer Services**  
[massasoit.edu/transfer](http://massasoit.edu/transfer)  
 x1461

**Career Services**  
[massasoit.edu/careerservices](http://massasoit.edu/careerservices)  
 x1406

### BROCKTON

1 Massasoit Boulevard  
 Brockton, MA 02302

### CANTON

900 Randolph Street  
 Canton, MA 02021

### MIDDLEBOROUGH

49 Union Street  
 Middleborough, MA 02346

**508-588-9100**  
**massasoit.edu**