MASSASOIT COMMUNITY COLLEGE

Academic Map
Entering Fall 2022
Based on Full-time Enrollment

Computer Science Transfer

Associate in Science

1

Semester		Credits
CTIM 157	Introduction to Java Programming	3 ☐
CTIM 281	Introduction to Software Design and Development	3 ☐
ENGL 101	English Composition I	3 ☐
MATH 203	College Algebra	3 ☐
HIST - - -	History Elective	3 ☐
		15

2

Semester		Credits
CTIM 168	Advanced Java Programming	3 ☐
ENGL 102	English Composition II	3 ☐
MATH 217	Precalculus	4 ☐
PSYC 101	General Psychology	3 ☐
HIST - - -	History Elective	3 ☐
		16

3

Semester		Credits
CTIM 236	Computer Architecture	3 ☐
MATH 221	Calculus I	4 ☐
PHYS 161	General Physics I	4 ☐
CTIM, HU, SS	CTIM, Humanities, or Social Science Elective	3 ☐
ENGL - - -	Literature Elective	3 ☐
		17

4

Semester		Credits
CTIM 237	Data Structures and Algorithms	3 ☐
MATH 218	Discrete Math	3 ☐
MATH 222	Calculus II	4 ☐
PHYS 162	General Physics II	4 ☐
ENGL - - -	Literature 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.

Milestones

You should complete CTIM 168 Advanced Java Programming and MATH 217 Precalculus or higher by the end of your second semester.

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.

Computer Science Transfer

Associate in Science

Program Notes

This program is designed to prepare you for transfer to a four-year institution to pursue a bachelor's degree in computer science or a related field. Students wishing to use the MassTransfer STEM block should select humanities electives and not general electives.

It is strongly recommended that you consider joining the STEM Scholars program, which is a cohort program that provides support, coaching and opportunities to explore career choices and develop skills for successfully transferring to a four-year institution. Contact extension 1508 or stemstarter@massasoit.edu.

Upon successful completion of CTIM 157 Intro to Java Programming, CTIM 168 Advanced Java Programming, and CTIM 281 Intro to Software Design and Development, you are eligible to apply for the Java Programming Certificate.

History Electives: HIST 101 History of Western Civilization I, HIST 102 History of Western Civilization II, HIST 103 US History I, HIST 104 US History II, HIST 108 World History I, HIST 109 World History II, or HIST 131 The United States since 1945

Literature Electives: ENGL 201 English Lit I or higher, excluding ENGL 251

Other Electives: Students choosing a humanities or social science elective can select from the Course Elective Guide at **massasoit.edu/electives**.

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/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 65 credits and 20 courses is required for completion. The same course may not be used to satisfy two different course requirements.

After Graduation/Completion

Upon successful completion of this degree you will be prepared to transfer to a four-year institution to pursue a bachelor's degree in computer science or a related field.

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

Dr. Michael Roggow | bus.tech@massasoit.mass.edu | x1677