

Computer Science Transfer

Associate in Science

Semester 1		Credits
ENGL 101	English Composition I	3 <input type="checkbox"/>
CTIM 281	Software Design and Development	3 <input type="checkbox"/>
CTIM 157	Introduction to Java	3 <input type="checkbox"/>
HIST ---	History Elective	3 <input type="checkbox"/>
MATH 203	College Algebra	3 <input type="checkbox"/>

15

Semester 2		Credits
ENGL 102	English Composition II	3 <input type="checkbox"/>
PSYC 101	General Psychology	3 <input type="checkbox"/>
HIST ---	History Elective	3 <input type="checkbox"/>
MATH 217	Precalculus	4 <input type="checkbox"/>
CTIM 168	Advanced Java	3 <input type="checkbox"/>

16

Semester 3		Credits
PHYS 161	General Physics I	4 <input type="checkbox"/>
MATH 221	Calculus I	4 <input type="checkbox"/>
	CTIM, Humanities, or Social Science Elective	3 <input type="checkbox"/>
ENGL ---	Literature Sequence Elective	3 <input type="checkbox"/>
CTIM 236	Computer Architecture	3 <input type="checkbox"/>

17

Semester 4		Credits
PHYS 162	General Physics II	4 <input type="checkbox"/>
CTIM 237	Data Structures and Algorithms	3 <input type="checkbox"/>
MATH 222	Calculus II	4 <input type="checkbox"/>
ENGL ---	Literature Sequence Elective	3 <input type="checkbox"/>
MATH 218	Discrete Math	3 <input type="checkbox"/>

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

Students can earn a certification in Java programming upon completion of CTIM 157 Intro to Java, CTIM 168 Advanced Java, and CTIM 281 Software Design & Development.

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 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.

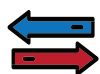


Taking 15 credits/semester or 30 credits/year will help you stay on track to finish your degree in two years.

Program Notes

The completion of the Computer Science Transfer degree is aligned to enable students to enter into a 4-year college or university as juniors so they are able to complete their program of study in two years.

Upon successful completion of CTIM 281, CTIM 157 & CTIM 168 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, ENGL 202 English Lit II, ENGL 205 Irish American Lit I, ENGL 206 Irish American Lit II, ENGL 211 World Lit I, ENGL 212 World Lit II, ENGL 213 American Lit I, ENGL 214 American Lit II, ENGL 215 African-American Lit I, or ENGL 216 African-American Lit II

Modern Language: Must be two consecutive semesters of the same language.

Other Electives: Students choosing a humanities, lab science, or modern language 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 DegreeWorks 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

Check in with Career Services, and attend College/Job Fairs for future job placement.

Upon successful completion of this degree, you will be able to construct programs in the Java programming language. You will be able to build on the constructs of sequence, selection, and repetition to develop programs using objects, methods, data abstraction, inheritance, and polymorphism. You will be prepared to transfer to a 4-year computer science degree program.

Consider joining and/or visiting sites of professional organization such as:
 Association for Computing Machinery: www.acm.org
 Association for Women in Computing: www.awc-hq.org
 Consortium for Computing Sciences in Colleges Northeast: www.ccsne.org
 Visit www.careergps.mass.edu for more information about employment opportunities in your field of study.

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

Middleborough: Room 104

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

Middleborough: x4003

Academic Resource Center

Tutoring & academic support services

massasoit.edu/arc

Brockton: Student Center, Lower Level | x1801

Canton: First Floor, C126 | x2516

Middleborough: x4005

Access & Disability Resources

massasoit.edu/adr | x1807

Division Dean

Dr. Michael Roggow

mroggow@massasoit.mass.edu

x1677

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