Computer Science Transfer
Associate in Science

START here

Milestone Courses should be taken in the order shown. This will help you stay on track and graduate on time.

Make Your Summer Matter. Summer is a great time to take some elective courses and get ahead.

① SEMESTER 1 – FALL

SEMESTER 1 – FALL	CREDITS	MILESTONE	COMPLETED
ENG 101 — English Composition I	3	🎓	☐
CSC 151 — Programming I	4	🎓	☐
CSC 156 — Operating Systems Basics and Security	3		☐
ETH 103 — Ethics & Technology	3		☐
Behavioral Elective	3		☐
TOTAL CREDITS	16		

② SEMESTER 2 – SPRING

SEMESTER 2 – SPRING	CREDITS	MILESTONE	COMPLETED
ENG 102 — English Composition II	3		☐
CSC 252 — Programming II	4	🎓	☐
COM 103 — Public Speaking and Professional Presentations	3		☐
MAT 290 — Calculus I for Engineering and Science	4	🎓	☐
TOTAL CREDITS	14		

③ SEMESTER 3 – FALL

SEMESTER 3 – FALL	CREDITS	MILESTONE	COMPLETED
CSC 255 — Programming III	4	🎓	☐
CSC 202 — Computer Organization/Assembly Language	4		☐
MAT 291 — Calculus II for Engineering and Science	4		☐
BIO 131 —or— CHE 151 —or— PHY 171	4	🎓	☐
TOTAL CREDITS	16		

④ SEMESTER 4 – SPRING

SEMESTER 4 – SPRING	CREDITS	MILESTONE	COMPLETED
CSC 258 — Data Structures	4		☐
BIO 132 —or— CHE 152 —or— PHY 172	4		☐
Three credits in MAT 250 — Discrete Math —or— MAT 295 — Linear Algebra —or— BIO 131 (4) —or— CHE 151 (4) —or— PHY 171 (4)	3/4		☐
Social Science Elective	3		☐
TOTAL CREDITS	14/15		

You've FINISHED!

Helpful Hints

- If the student has no previous programming experience and *has not placed into MAT290,* the student must take CSC 101 Intro to Computer Science before CSC 151.

- If the student has placed lower than MAT 290, the student should take MAT 195 — Precalculus in semester 1 and MAT 165 — Trigonometry in semester 2.

- Lab Science courses must be one of these sequences: PHY 171 and PHY 172 or CHE 151 and CHE 152 or BIO 131 and BIO 132.

- Students are advised to register early for 200 level CSC courses as they tend to fill early.

- CSC101, CSC151, CSC156, and CSC252 are often offered in the summer semester.

Career and Transfer Outlook

Career opportunities are open to students who transfer to a four-year institution and complete a bachelor's degree. Students in computer science qualify for positions such as: software engineer, programmer, applications programmer, systems programmer, systems analyst, software developer, game developer, and quality assurance engineer.

To learn more, call us at **1-800-818-3434** or visit **www.middlesex.mass.edu**