ACADEMIC MAP

15 to FINISH
MIDDLESEX COMMUNITY COLLEGE
817

Computer Science Transfer
Associate in Science

START here

1

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 — Computers, Ethics, and Society	3		☐
Behavioral Elective	3		☐
TOTAL CREDITS	**16**		

2

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

3

SEMESTER 3 – FALL	CREDITS	MILESTONE	COMPLETED
CSC 253 — Programming III	4	🎓	☐
CSC 201 — 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	CREDITS	MILESTONE	COMPLETED
CSC 257 — 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!

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.

Helpful Hints

- If the student has no previous programming experience, 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.

- CSC 201 is currently offered only in the fall semester.

- CSC 257 is primarily offered only in the spring 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**