

Academic Pathways Map
Computer Science Transfer to MT Tech Part Time
A.S.
Computer Science and Technology

Start Here

| SEMESTER 1 | | CREDITS | MILESTONE | ✓ |
|-------------------|-----------------------------|----------------|------------------|----------|
| CSCI100 | Introduction to Programming | 3 | * | |
| M171 | Calculus I | 4 | * | |
| Choose 1 of 2 | COLS101, CSCI194 | 2 - 3 | | |

TOTAL CREDITS 9 - 10

| SEMESTER 2 | | CREDITS | MILESTONE | ✓ |
|-------------------|----------------------------|----------------|------------------|----------|
| M172 | Calculus II | 4 | | |
| WRIT101 | College Writing I | 3 | | |
| PSYX100 | Introduction to Psychology | 3 | | |

TOTAL CREDITS 10

| SEMESTER 3 | | CREDITS | MILESTONE | ✓ |
|-------------------|----------------------------------|----------------|------------------|----------|
| SOCI101 | Introduction to Sociology | 3 | | |
| PHSX220 | Take PHYS 205 at Carroll College | 4 | | |
| COMX111 | Introduction to Public Speaking | 3 | | |

TOTAL CREDITS 10

| SEMESTER 4 | | CREDITS | MILESTONE | ✓ |
|-------------------|----------------------------------|----------------|------------------|----------|
| CSCI111 | Programming with Java I | 3 | * | |
| STAT216 | Introduction to Statistics | 3 | | |
| PHSX222 | Take PHYS 206 at Carroll College | 4 | | |

TOTAL CREDITS 10

| SEMESTER 5 | | CREDITS | MILESTONE | ✓ |
|-------------------|---|----------------|------------------|----------|
| CSCI121 | Programming with Java II | 3 | | |
| CSCI246 | Discrete Structures | 3 | | |
| NASX105 | Introduction to Native American Studies | 3 | | |

TOTAL CREDITS 9

| SEMESTER 6 | | CREDITS | MILESTONE | ✓ |
|-------------------|---|----------------|------------------|----------|
| CSCI240 | Databases and SQL | 3 | | |
| CSCI232 | Intermediate Data Structures and Algorithms | 4 | * | |
| MART145 | Web Design | 3 | | |

TOTAL CREDITS 10

| SEMESTER 7 | | CREDITS | MILESTONE | ✓ |
|------------|----------------------------------|---------|-----------|---|
| CSCI215 | Social and Ethical Issues in CS | 3 | | |
| CSCI205 | Programming Languages with C/C++ | 3 | | |
| PHL110 | Problems of Good and Evil | 3 | | |

TOTAL CREDITS 9

You are finished!

Pathway Advising Notes: none

Course Advising Notes: CSCI100: If student has extensive previous programming experience, advise student to see instructor to challenge course.

WRIT101: WRIT121 could possibly work better but it would have to work with AS degree.

PHSX220: Take PHYS 205 at Carroll College

PHSX222: Take PHYS 206 at Carroll College