

Software Development
Software Development Fundamentals (C25590S)

Certificate
(Day and Evening)
PROGRAM PLANNING GUIDE

New Effective: Fall 2026

Courses taken more than 5 yrs. ago may not receive transfer credit. Consult your advisor for details.

| Curriculum | | | | | |
|-------------------|-----|--------------------------|----------------|-----|---------|
| | | | Hours Per Week | | |
| | | | Class | Lab | Credits |
| CTI | 110 | IT Foundations | 2 | 2 | 3 |
| CSC | 121 | Python Programming | 2 | 3 | 3 |
| WEB | 115 | Web Markup and Scripting | 2 | 3 | 3 |
| DBA | 120 | Database Programming I | 2 | 2 | 3 |
| | | Elective | - | - | 3 |

GRADUATION REQUIREMENT:

Credit Hours 15

| Electives | | | | | |
|------------------|-----|--------------------------------------|---|---|---|
| CSC | 120 | Computing Fundamentals I | 3 | 2 | 4 |
| CSC | 113 | Artificial Intelligence Fundamentals | | | 3 |
| CSC | 151 | Java Programming | 2 | 3 | 3 |
| CSC | 134 | C++ Programming | 2 | 3 | 3 |