**PROGRAM FACT SHEET**

SIMULATION AND GAME DEVELOPMENT A25450

The Simulation and Game Development Curriculum provides a broad background in simulation and game development with practical applications in creative arts, visual arts, audio/video technology, creative writing, modeling, design, programming and management.

Students will receive hands-on training in design, 3D modeling, software engineering, database administration and programming for the purpose of creating simulations and games.

Graduates should qualify for employment as designers, artists, animators, programmers, database administrators, testers, quality assurance analysts, engineers and administrators in the entertainment industry, the health care industry, engineering, forensics, education, NASA and government agencies.

##### Awards

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| **Associate Degree**: Simulation and Game Development/3D Game Artist (A25450A) | **Length of Program**: 5 Semesters**Prerequisite**: High School Diploma, Placement Test Equivalent  |
| **Associate Degree**: Simulation and Game Development/Game and Interactive Programmer (A25450P) | **Length of Program**: 5 Semesters**Prerequisite**: High School Diploma, Placement Test Equivalent  |
| **Diploma:** Not Applicable | **Length of Program:** **Prerequisite:**  |
| **Certificate:** SGD Basics Certificate (C25450C1) | **Length of Program:** 1 Semesters**Prerequisite:** High School Diploma, Placement Test Equivalent  |
| **Certificate:** Interactive 3D Certificate (C25450C2) | **Length of Program:** 3 Semesters**Prerequisite:** High School Diploma, Placement Test Equivalent |
| **Certificate:** SG Programming Certificate (C25450C3) | **Length of Program:** 3 Semesters**Prerequisite:** High School Diploma, Placement Test Equivalent |
| **Certificate:** SG Design Fundamentals Certificate (C25450C4) | **Length of Program:** 2 Semesters**Prerequisite:** High School Diploma, Placement Test Equivalent |
| **Certificate:** 3D Printing Certificate (C25450C5) | **Length of Program:** 3 Semesters**Prerequisite:** High School Diploma, Placement Test Equivalent |
| **Certificate:** 3D Animation Certificate (C25450C6) | **Length of Program:** 3 Semesters**Prerequisite:** High School Diploma, Placement Test Equivalent |
| **Certificate:** SGD Basics Certificate (C25450H1) | **Length of Program:** 2 Semesters**Prerequisite:** Placement Test Equivalent  |
| **Certificate:** 3D Animation Certificate (C25450H2) | **Length of Program:** 2 Semesters**Prerequisite:** Placement Test Equivalent  |

**Work-Based Learning Requirements/Opportunities:** For Work-Based Learning education requirements/opportunities please see the appropriate Program Sequencing sheet.

**License or Certification Information:** None Required

**Program Information Contact:**

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| Curriculum Chairperson: Torie QuismundoTelephone Number: (910) 678-8331Office Location: ATC 220BEmail: quismunt@faytechcc.edu | Department Office: Advanced Technology Center, Room 113Telephone: (910) 678-8347FTCC Web Site: [FTTC Website](http://www.faytechcc.edu/) |

**Application Deadlines:** The program is designed for a student to enter during the fall semester. A student may enter at other times with approval of the Department Chairperson.

**Scholarship/Title IV Financial Aid/VA Services:** Scholarships/Title IV Financial Aid/Veteran's assistance may be available for associate degrees. Certificates and diplomas that fall under this program/area of study **may or may not be eligible** for Scholarship/Title IV Financial Aid/VA Services. Please contact the Financial Aid Office, Student Center, Room 2; Telephone (910) 678-8242. Veterans Services, General Classroom Building, Room 202, (910) 678-8580.

**Child Care Financial Assistance Information:**

Telephone: (910) 678-8486

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