



**AAS in Game and Simulation Development – Programming to
BAAS Information Technology
Guided Pathway
2018-2019 Catalog**



First Year – Tyler Junior College

FIRST SEMESTER	SECOND SEMESTER
ARTV 1345 – 3-D Modeling and Rendering I	GAME 2302 – Math. Applications for Game Development
GAME 1303 – Intro. to Game Design and Development	GAME 2332 – Project Development I
ITSE 1302 – Computer Programming	GAME 1343 – Game and Simulation Programming I
EDUC 1300 – Learning Framework (090)	COSC 1336 – Programming Fundamentals I
MATH 1314 – College Algebra (020)	ENGL 1301 – Composition I (010)

Total semester hours: 15

Total semester hours: 15

Second Year – Tyler Junior College

It's best to apply to Tarleton State University a full semester before transfer ring and submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
GAME 2334 – Project Development II	GAME 1394 – Special Topics in Animation, Interactive Technology, Video Graphics and Special Effects
GAME 2341 – Game Scripting	COSC 2336 – Programming Fundamentals III
COSC 1337 – Programming Fundamentals II	GAME 2342 – Game Development Using C++
XXXX X3XX – Lang., Phil. and Culture Core * (040)	GAME 2343 – Multi-User Game Programming II
SPCH 1321 – Business & Prof. Communication (010)	

Total semester hours: 15

Total semester hours: 15

SUMMER
GAME 2359 – Game and Simulation Group Project

Total semester hours: 3

AAS: Game and Simulation Development - Programming

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
C* Life and Physical Science Core Elective (030)	C* Life and Physical Science Core Elective (030)
C HIST 1301 – United States History I (060)	C HIST 1302 – United States History II (060)
C GOVT 2305 – Federal Government (070)	C GOVT 2306 – Texas Government (070)
C ENGL 1302 – Composition II (010)	Advanced Elective Course
*C Creative Arts Core Elective (050)	BCIS 3333 – C# Programming (Fall Only)

SUMMER SEMESTER
*C Social & Behavioral Science Core Elective (080)
Advanced BCIS Elective Course

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
Advanced Elective Course	BCIS 3347 – Data Communications
Advanced Elective Course	BCIS 3389 – System Analysis and Design
Advanced Elective Course	BCIS 4301 – Database Theory and Practice
Advanced Elective Course	BCIS 4350 – Management Information System
Advanced BCIS Elective Course	Advanced BCIS Elective Course

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.

Part-time students may also follow this sequence. Developmental coursework may be required.

* You may take a different course to meet this requirement. A specific list is available from your advisor.

C This course counts for the Core Curriculum at any public college or university in Texas.

For questions regarding the university portion of the guided pathway,
contact the Marketing and Computer Information Systems Department at 254-968-9047.