



**AAS in Game and Simulation Development – Programming to
Bachelor of Applied Arts & Sciences
Guided Pathway
Effective for the 2016-2017 Catalog**

First Year – Tyler Junior College

FIRST SEMESTER (15 SCH)	SECOND SEMESTER (15 SCH)
ARTV 1345 – 3-D Modeling and Rendering I	GAME 2302 – Math. App. for Game Development
GAME 1303 – Intro. to Game Design and Dev.	GAME 2332 – Project Development I
Ⓒ EDUC 1300 – Learning Framework (090)	GAME 1343 – Game and Simulation Programming I
COSC 1330 – Computer Programming	COSC 1336 – Programming Fundamentals I
Ⓒ MATH 1314 – College Algebra (020)	Ⓒ ENGL 1301 – Composition I (010)

Second Year – Tyler Junior College

It's best to apply to Texas A&M University-Commerce a full semester before you plan to transfer and submit a copy of this pathway with your application.

FIRST SEMESTER (15 SCH)	SECOND SEMESTER (12 SCH)
GAME 2334 – Project Development II	GAME 1394 – Special Topics in Animation, Interactive Tech., Video Graphics and Sp. Effects
GAME 2341 – Game Scripting	COSC 2336 – Programming Fundamentals III
Ⓒ ENGL 2332 – World Literature I * (040)	GAME 2342 – Game Development Using C++
COSC 1337 – Programming Fundamentals II	GAME 2343 – Multi-User Game Programming II
Ⓒ SPCH 1321 – Bus. & Prof. Communication (010)	SUMMER (3 SCH)
	GAME 2359 – Game and Simulation Group Project

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 Courses - Texas A&M University-Commerce

FIRST SEMESTER	SECOND SEMESTER
Ⓒ ENG 1302 - GLB/US-Written Argument/Research	Ⓒ HIST 1302 - U.S. History from 1865
Ⓒ HIST 1301 - U.S. History to 1877	Ⓒ PSCI 2302 - US/TX Government; Institutions & Policies ²
Ⓒ PSCI 2301 - Principles of US and Texas Government ²	Ⓒ ANY SOCIAL OR BEHAVIORAL SCIENCE CORE
Ⓒ ANY CREATIVE ARTS CORE	Ⓒ ANY LIFE & PHYSICAL SCIENCE CORE
Ⓒ ANY LIFE & PHYSICAL SCIENCE CORE	BAAS 326 Tech Techniques & Solutions
BAAS 301 Principles of Applied Sciences	

Fourth Year Courses - Texas A&M University-Commerce

FIRST SEMESTER	SECOND SEMESTER
TMGT 458 Project Management	TMGT 350 Principles of Technology Management
BAAS 345 Leadership Techniques	BAAS 445 Ethical Decision Making
BAAS 408 Advanced Problem Solving (Pre-Req BAAS 326)	Upper Level Elective
BAAS 351 Financial Tools for Mangers (Pre Req BAAS 326)	Upper Level Elective
BAAS 443 Professional Standards	TMGT 303 Technical Communications

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 and does not count toward degree hours.

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

Ⓒ This course counts for the Core Curriculum at any public college or university in Texas. Sometimes, taking a specific course to meet a Core requirement will also fulfill other requirements for your degree. If this course meets more than one requirement it is listed as the correct option (with no asterisk).

²Taking both GOVT courses at a TJC creates a better alignment.

() Course numbers shown in parentheses are equivalent to these courses at TAMUC.

For questions about the University portion of this guided pathway, contact the Applied Science Academic Advising Office at (903) 886-5155 or Misty.Lair@tamuc.edu.