NORTH CENTRAL TEXAS COLLEGE

Associate of Applied Science
Gaming Application Programming to
BAAS Information Technology ᵀ
Guided Pathway
2019-2020 Catalog

TARLETON STATE UNIVERSITY
Member of The Texas A&M University System

First Year - NCTC

FIRST SEMESTER	SECOND SEMESTER
ARTC 1325 – Intro. to Computer Graphics	**GAME 1343** – Game & Simulation Program. I
GAME 1306 – Design & Creation Of Games	**ITSE 2342** – Game Development Using C++
ITSE 2321 – Object Oriented Programming	**EECT 1300** – Technical Customer Service
ITSE 1333 – Mobile Applications Development	**GAME 1328** – Video Game Design
GAME 1309 – Intro to Animation Programming	**ITSE 2310** – iOS Application Programming
Total Semester Hours: 15	Total Semester Hours: 15

Second Year - NCTC

It is best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
IMED 1345 – Interactive Digital Media I	ᶜ**MATH 1332** – Contemporary Mathematics
GAME 2342 – Game Development Using C++	ᶜ**ARTS 1301** – Art Appreciation
ITSE 2317 – Java Programming	ᶜ**GOVT 2305** – Federal Government
GAME 1303 – Intro to Game Design & Dev.	ᶜ**ENGL 2311** – Tech. & Business Writing
ᶜ**ENGL 1301** –Composition I	**GAME 2308** – Portfolio for Game Development
Total Semester Hours: 15	Total Semester Hours: 15

AAS: Gaming Application Programming

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

These courses may be taken at NCTC (if offered) or TSU-Stephenville Campus	
ᶜ*Life and Physical Science Core Elective (030) (4 credits)	ᶜ*Life and Physical Science Core Elective (030) (4 credits)
ᶜ GOVT 2306 Texas Government (070)	*ᶜ Language, Philosophy and Culture (040)
ᶜ HIST 1301 American History I (060)	ᶜ HIST 1302 American History II (060)
*ᶜCommunications (010)	ᶜ ECON 2301 Principles of Macroeconomics (080)
*ᶜAny Core Elective (minimum 1 credit)	
Total Semester Hours: 14	Total Semester Hours: 13

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
BCIS 3333 C# Programming OR BCIS 3332 Java Programming	BCIS 3389 System Analysis and Design
BUSI 3312 Business Communication OR ENGL 3309 Technical Writing and Document Design	BCIS 4350 Management Information System
Advanced BCIS Elective	BCIS 4301 Database Theory and Practice
BCIS 3347 Data Communications	Approved Advanced Elective ˣ
Approved Advanced Elective ˣ	Approved Advanced Elective ˣ
Total Semester Hours: 15	Total Semester Hours: 15

Fourth Year – Tarleton State University

FIRST SEMESTER
Advanced BCIS Elective
BCIS 4359 Strategic Application of Information Systems
Advanced BCIS Elective
Approved Advanced Elective ˣ
Approved Advanced Elective ˣ
Total Semester Hours: 15

TOTAL: 132

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

ᶜ 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 <u>also</u> fulfill other requirements for your degree. If this course meets more than one requirement it is listed as the correct option (with no asterisk).

ᵀ Degree availability varies by campus; consult www.tarleton.edu for more information.

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