AAS in Computer Science – Emphasis in Software, Mobile and Web Application Development to BAAS Information Technology
Guided Pathway
Effective for the 2018-2019 Catalog

First Year – Trinity Valley Community College

FIRST SEMESTER	SECOND SEMESTER
BCIS 1305 - Business Computer Applications	IMED 1316 - Web Page Development I
COSC 1309 - Logic and Design	CMATH 1332 - Contemporary Math I (090)
COSC 1336 - Programming Fundamentals I	ITSE 1311 - Beginning Web Programming
CENGL 1301 - English Composition I (010)	CSPCH 1321 - Business & Professional Speech (090)
ITSC 1305 - Intro to PC Operating Systems	COSC 1337 - Programming Fundamentals II

Second Year – Trinity Valley Community College
It is best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
ITSE 2302 - Intermediate Web Programming	ITSC 1315 - Project Management Software
ITSE 2309 - Database Programming	ITSE 1381 - Co-op Seminar OR Computer Science Elective
ITSE 1332 - Intro to Visual Basic.NET Programming	ITSE 2313 - Web Authoring
ITSE 2317 - Java Programming	ITSE 2310 - iOS Application Programming
CENGL 2322 - British Literature I * (040)	CECON 2301 - Macroeconomics (080)
	CENGL 1302 - Composition II (recommended to take during the summer towards BAAS, not required for AAS completion) * (010)

AAS: Computer Science – Emphasis in Software, Mobile and Web Application Development
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)
CHIST 1301 – United States History I (060)	CHIST 1302 – United States History II (060)
CGOVT 2305 – Federal Government (070)	CGOVT 2306 – Texas Government (070)
Advanced Elective Course	Advanced Elective Course
*CCreative Arts Core Elective (050)	BCIS 3333 – C# Programming (Fall Only)

SUMMER SEMESTER	
*CAny Core Elective	BUSI 3312 – Business Communications
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.*