AAS in Computer Science – Emphasis in Management Information Systems to BAAS Information Technology Guided Pathway
Effective for the 2018-2019 Catalog

First Year – Trinity Valley Community College

FIRST SEMESTER	SECOND SEMESTER
ITSC 1305 - Intro to PC Operating Systems	ITSW 1304 - Electronic Spreadsheets
BCIS 1305 - Business Computer Applications	CSPCH 1321 - Business & Professional Communications (090)
POFI 2301 - Word Processing I	IMED 1316 - Web Page Development I
CENGL 1301 - English Composition I (010)	ITSY 1300 - Fund. of Information Security
COSC 1309 - Logic and Design	COSC 1336 - Programming Fundamentals I

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
CECON 2301 - Macroeconomics (080)	ITSEW 1381 - Co-op Education/Practicum
ITNW 1325 - Fund. of Networking Technology	ACNT 1311 - Intro to Computerized Accounting Systems OR ACNT 1301 Intro to Accounting
ITSE 2304 - Visual Basic.NET Database Dev. with ADO.NET	ITSE 2313 - Web Authoring
ITSE 2309 - Database Programming	CENGL 2322 - British Literature I * (040)
CMATH 1332 - Contemporary Math I (090)	ITSC 2335 - Application Software Problem Solving
	CENGL 1302 - Composition II (recommended to take during the summer towards BAAS, not required for AAS completion) * (010)

AAS: Computer Science – Emphasis in Management Information Systems
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.