



Computer Systems – Information System Track to
BAAS Information Technology
Guided Pathway
Effective for the 2016-2017 Catalog



First Year - Collin County Community College

FIRST SEMESTER	SECOND SEMESTER
BCIS 1305 – Business Computer Applications	COSC 1315 – Introduction to Computer Programming*
ECON 1301 – Introduction to Economics*	ITSE 1311 – Beginning Web Programming
^C ENGL 1301 – Composition I (010)	ITSW 1304 – Introduction to Spreadsheets – Excel
ITSW 1310 – Introduction to Presentation Graphics Software	^C HUMA 1301 – Introduction to Humanities I* (040)
^C MATH 1314 – College Algebra* (020)	^C SPCH 1311 – Intro to Speech Communication* (090)

Second Year - Collin County Community College

It's best to apply to [Tarleton State](http://www.tarleton.edu) a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
BMGT 1307 – Team Building	ITSC 2380 – Cooperative Education - Computer and Information Sciences, General (Capstone)*
ENGL 2311 – Technical and Business Writing	ITSE 2309 – Database Programming - SQL
IMED 2309 – Internet Commerce*	ITSY 1300 – Fundamentals of Information Security (Security+)
ITNW 1358 – Network+	BUSI 1301 – Business Principles*
ITSW 1307 – Introduction to Database – Access	GIS 1411 – Introduction to Geographic Information Systems*

AAS: Computer Systems – Information System Track

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 Science Core (030)	^C Science Core (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 ECON2301 Principles of Macroeconomics (080)	ACCT 2301 Principles of Accounting I- Financial
^C Visual & Performing Arts (040)	BCIS 3332 or 3333 Java Programming or C# Programming

Fourth Year - Tarleton State University

Summer	
MGMT 3301 Principles of Management	
FIRST SEMESTER	SECOND SEMESTER
ENGL 3309 or BUSI 3312 Technical Writing and Document Design or Business Communication	BCIS 3347 Data Communications
BUSI 3311 Business Statistics	BCIS 3389 System Analysis and Design
BCIS 3342 or 3343 Advanced Java Programming or Advanced C# Programming	BCIS 4301 Database Theory and Practice
Advanced BCIS electives (6hrs)	BCIS 4350 Management Information System
	Advanced BCIS elective (3hrs)

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 about the [Tarleton State University](http://www.tarleton.edu) portion of this guided pathway, Contact the BAAS Program Manager at 254-968-1930 or CIS_Dept@tarleton.edu