

**Associate in Applied Science in Software Programmer/Developer to
BAAS Information Technology
Guided Pathway for DCCCD/Dallas Collegiate Academies Pathways
Effective for the 2016-2017 Catalog**

First Year - Brookhaven and Richland Colleges

FIRST SEMESTER	SECOND SEMESTER
* Δ ITSW 1407 Introduction to Database	C ENGL 1301 Composition I (010)
ITSE 1429 Programming Logic and Design	IMED 1416 Web Design I
ITNW 1425 Fundamentals of Networking Technologies	* C Δ SPCH 1311 Introduction to Speech Communication (090)
* C Δ MATH 1332 Contemporary Mathematics (Quantitative Reasoning) (020)	ITSC 1191 Special Topics in System, Networking, and LAN/WAN Management/Manager
	* Δ ITSE 1430 Introduction to C# Programming

Total Semester Hours: 15

Total Semester Hours: 15

Second Year - Brookhaven and Richland Colleges

It's best to apply to [Tarleton State](#) 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
* Δ ITSC 1405 Introduction to PC Operating Systems	ITSE 1450 System Analysis and Design
* C Δ PSYC 2301 General Psychology (080)	* C Δ HUMA 1315 Fine Arts Appreciation (050)
* Δ ITSE 2417 Java Programming	ITSY 1400 Fundamentals of Information Security
* Δ ITSE 2438 C# Database Development with ADO.NET	* Δ ARTV 2471 Android Application Programming

Total Semester Hours: 15

Total Semester Hours: 15

AAS: Software Programmer/Developer (60 hours)

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 HIST 1301 United States History I (060)	C HIST 1302 United States History II (060)
C Science Core (030)	C GOVT 2306 Texas Government (070)
C Literature or PHIL 1301 Introduction to Philosophy (050)	Advanced BCIS Elective (3 hours)
C GOVT 2305 Federal Government (070)	C Science Core (030)
ENGL 1302 (010) Composition II	ACCT 2301 Principles of Accounting I- Financial

Total Semester Hours:16

Total Semester Hours:15

Fourth Year – Tarleton State University

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

Total Semester Hours: 12

Total Semester Hours:18

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.
- Δ This course is a required option or elective for students enrolled in the DCCCD/Dallas ISD Collegiate Academies at specific colleges. Other elective options are available in the DCCCD degree requirements.