

**AAS in Software Programmer/Developer to
BAAS in Information Technology
Guided Pathway for DCCCD
Dallas Collegiate Academies Pathways
2018-2019 Catalog**



First Year - Brookhaven and Richland Colleges

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

Second Year - Brookhaven and Richland Colleges

It's best to apply to [Tarleton State](#) a full semester before you plan to transfer.

| FIRST SEMESTER | SECOND SEMESTER |
|--|--|
| * Δ ITSC 1405 Introduction to PC Operating Systems | ITSE 1450 System Analysis and Design |
| * Ⓢ ΔPSYC 2301 General Psychology (080) | * Ⓢ 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 |

AAS: Software Programmer/Developer

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 |
|---|---|
| Ⓢ HIST 1301 United States History I (060) | Ⓢ HIST 1302 United States History II (060) |
| * Ⓢ Life and Physical Science Elective Course (030) | Ⓢ GOVT 2306 Texas Government (070) |
| * Ⓢ Language, Philosophy and Culture (040) | Advanced BCIS Elective Course |
| Ⓢ GOVT 2305 Federal Government (070) | * Ⓢ Life and Physical Science Elective Course (030) |
| ENGL 1302 (010) Composition II | * Ⓢ Institutional Option (090) |

Fourth Year – Tarleton State University

| FIRST SEMESTER | SECOND SEMESTER |
|----------------------------------|---|
| BCIS 3333 C# Programming | BCIS 3389 System Analysis and Design |
| Advanced Elective Course | BCIS 3347 Data Communications |
| Advanced Elective Course | BCIS 4301 Database Theory and Practice |
| BUSI 3312 Business Communication | BCIS 4350 Management Information System |
| Advanced BCIS Elective Course | Advanced BCIS Elective Course |
| SUMMER | |
| Advanced Elective Course | Advanced Elective Course |
| Advanced Elective Course | Advanced 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.

Ⓢ 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.

Additional coursework may be required if 36 credits are not awarded for the Occupational Specialization block.