Associate in Applied Science in Software Programmer/Developer to
Bachelor of Applied Arts & Sciences
Guided Pathway for DCCCD/Dallas Collegiate Academies Pathways
Effective for the 2016-2017 Catalog

First Year – Brookhaven and Richland Colleges

FIRST SEMESTER	SECOND SEMESTER
* △ 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 △ SPCH 1311 Introduction to Speech Communication (090)
* C △ MATH 1332 Contemporary Mathematics (Quantitative Reasoning) (020)	ITSC 1191 Special Topics in System, Networking, and LAN/WAN Management/Manager
	* △ 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 TAMUC 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
* △ ITSC 1405 Introduction to PC Operating Systems	ITSE 1450 System Analysis and Design
* C △ PSYC 2301 General Psychology (080)	* C △ HUMA 1315 Fine Arts Appreciation (050)
* △ ITSE 2417 Java Programming	ITSY 1400 Fundamentals of Information Security
* △ ITSE 2438 C# Database Development with ADO.NET	* △ 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.

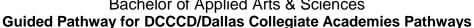## Third Year – Texas A&M University-Commerce

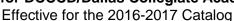| FIRST SEMESTER	SECOND SEMESTER
C ENG 1302 - GLB/US-Written Argument/Research	C ANY LIFE & PHYSICAL SCIENCE CORE
C ANY LIFE & PHYSICAL SCIENCE CORE	C HIST 1302- U.S. History from 1865
C ANY LITERATURE PHILOSOPHY & CULTURE CORE	C PSCI 2302 - US/TX Government; Institutions & Policies[2]
C HIST 1301 - U.S. History to 1877	C ANY DEGREE PATHWAY OPTION
C PSCI 2301 - Principles of US and Texas Government[2]	BAAS 326 Tech Techniques & Solutions
BAAS 301 Principles of Applied Sciences	

Total Semester Hours: Total Semester Hours:

*For questions about the University portion of this guided pathway, contact
the Applied Science Academic Advising Office at (903) 886–5155 or Misty.Lair@tamuc.edu.*

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Fourth Year -Texas A&M University-Commerce

FIRST SEMESTER	SECOND SEMESTER
TMGT 458 Project Management	TMGT 350 Principles of Technology Management
BAAS 345 Leadership Techniques	BAAS 445 Ethical Decision Making
BAAS 408 Advanced Problem Solving (Pre-Req BAAS 326)	Upper Level Elective
BAAS 351 Financial Tools for Mangers (Pre Req BAAS 326)	Upper Level Elective
BAAS 443 Professional Standards	TMGT 303 Technical Communications

Total Semester Hours: Total Semester Hours:

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.
△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.