



**AAS Computer Science Programming Specialization to
Bachelor of Applied Arts & Sciences
Guided Pathway
Effective for the 2017-2018 Catalog**



First Year - Hill College

FIRST SEMESTER – 15 Hours	SECOND SEMESTER – 16 Hours
INTW 1308 Implementing and Supporting client Operating System	IMED 1316 Web Design I
COSC 1309 Logic and Design	ITNW 1358 Network +
ITSC 1325 Personal Computer Hardware	ITSC 1307 Unix Operating System I
ARTC 1325 Introduction to Computer Graphics	COSC 1436 Programming Fundamentals I
BCIS 1305 Business Computer Applications	C ENGL 1301 Composition I

Second Year – Hill College

It's best to apply to TAMU-C a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER – 15 Hours	SECOND SEMESTER – 14 Hours
COSC 1437 Programming Fundamentals II	ISTE 2413 Web Authoring
ITSE 2409 Database Programming	ITSE 2421 Object-Oriented Programming
ITSE 2417 Java Programming	C *ELECTIVE Social and Behavioral Sciences
C *MATH College Level Mathematics Elective	C *ELECTIVE Language, Philosophy and Culture or Creative Arts Core

AAS: Computer Science Programming Specialization

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 HIST 1302 - U.S. History from 1865
C HIST 1301 - U.S. History to 1877	C PSCI 2302 - US/TX Government; Institutions & Policies ²
C PSCI 2301 - Principles of US and Texas Government ²	C ANY LIFE & PHYSICAL SCIENCE CORE
C ANY LIFE & PHYSICAL SCIENCE CORE	C ANY CREATIVE ARTS CORE
C SPC 1315 - Fundamentals of Public Speaking OR C SPC 1321 - Business/Professional Speaking	C ANY DEGREE PATHWAY OPTION
BAAS 301 Principles of Applied Sciences	BAAS 326 Tech Techniques & Solutions

Fourth Year - Texas A&M University-Commerce

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

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 and does not count toward degree hours.

* 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. Sometimes, taking a specific course to meet a Core requirement will also fulfill other requirements for your degree. If this course meets more than one requirement it is listed as the correct option (with no asterisk).

²Taking both GOVT courses at Hill College creates a better alignment.

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.