Associate of Science – Field of Study in Computer Science
to
Bachelor of Science degree in Computer Science
Guided Pathway
Effective for the 2018-2019 catalog[1]

Brookhaven College
DALLAS COUNTY COMMUNITY COLLEGE DISTRICT

Eastfield College
DALLAS COUNTY COMMUNITY COLLEGE DISTRICT

El Centro College
DALLAS COUNTY COMMUNITY COLLEGE DISTRICT

North Lake College
DALLAS COUNTY COMMUNITY COLLEGE DISTRICT

Richland College
DALLAS COUNTY COMMUNITY COLLEGE DISTRICT

First Year – Brookhaven, Eastfield, El Centro, North Lake, and Richland College[2]

FIRST SEMESTER		SECOND SEMESTER	
C ENGL 1301 – Composition I	(010)	**C ENGL 1302** – Composition II	(010)
C HIST 1301 – United States History I	(060)	**C HIST 1302** – United States History II*	(060)
C MATH 2412 – Pre-Calculus Math^	(020)	**MATH 2413** – Calculus I	
COSC 1436 – Programming Fundamentals I		**C Social and Behavioral Sciences Core Elective***	(080)
		COSC 1437 – Programming Fundamentals II	
Total Semester Hours: 14		**Total Semester Hours: 17**	

Second Year – Brookhaven, Eastfield, El Centro, North Lake, and Richland College

It's best to apply to Texas College 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	
C GOVT 2305 – Federal Government	(070)	**C GOVT 2306** – Texas Government	(070)
MATH 2414 – Calculus II+		**C PHYS 2426** – University Physics II	(030)
C PHYS 2425 – University Physics I	(030)	*Choose One:* **C ARTS 1301** – Art Appreciation*,	(050)
		C DANC 2303 – Dance Appreciation*,	(050)
		C DRAM 1310 – Introduction to Theater*,	(050)
		C HUMA 1315 – Fine Arts Appreciation*,	(050)
		C MUSI 1306 – Music Appreciation*	(050)
COSC 2436 – Programming Fundamentals III		**COSC 2425** – Computer Organization	
Total Semester Hours: 15		**Total Semester Hours: 14**	

Associate of Science – Field of Study in Computer Science (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 Courses – Texas College

FIRST SEMESTER	SECOND SEMESTER
ASSEM 1100 – College Assembly	**ASSEM 1100** – College Assembly
COSC 3310 – Internet Programming	**COSC 1332** – Microcomputer Applications
COSC 3355 – Operating Systems	**COSC 3338** – E-commerce
COSC 3371 – Digital Systems	**GBUS 2393 -** Principles of Accounting I
MATH 2330 – Discrete and Combinational Mathematics	Any Elective (3 hour)
Any Elective (3 hour)	Any Elective (3 hour)
Total Semester Hours: 15.5	**Total Semester Hours: 15.5**

Fourth Year Courses – Texas College

FIRST SEMESTER	SECOND SEMESTER
ASSEM 1100 – College Assembly	**ASSEM 1100** – College Assembly
MATH 3315 – Linear Algebra	**COSC 4360** – Communication and networking
COSC 4375 – Internship	Elective (3000 or 4000 Levels)
COSC 4375 – Data Base Management	Elective (3000 or 4000 Levels)
Any Elective (3 hour)	Elective (3000 or 4000 Levels)
Any Elective (3 hour)	
Any Elective (3 hour)	
Total Semester Hours: 18.5	**Total Semester Hours: 15.5**

This is not an official degree plan. Check with an advisor.
1 Degree plans may change in later catalogs. You may use this pathway if you entered one of the seven colleges on or before this date.
2 Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by one of the seven DCCCD colleges awarding the degree.
^ To register for MATH 2413, students must have completed the prerequisite math courses as follows: MATH 1314, MATH 1316, MATH 2412
C This course counts for the Core Curriculum at any public college or university in Texas. This degree **does not** include all Core course requirements.
***** There are several options to fulfill this requirement. See your academic advisor for a specific list.
+ Some universities require the completion of MATH 2415, as well.
You must earn a grade of "C" or better in English 1301 and the selected college-level mathematics course and receive a GPA of at least 2.00 on all college-level course work.
Approved: 2018-2019 Guided Pathway

For questions about the University portion of this guided pathway, Contact Johns Roberts, Dean of Enrollment Management at 903-593-8311, Ext. 2206 or jroberts@texascollege.edu.