Bachelor of Applied Technology in Computer Information Technology
2014 - 2015 Catalog

The University of Texas at Brownsville and Texas Southmost College

This document provides a list of the UTB/TSC courses required for the major and their equivalent UTRGV courses.
A significant number of courses have changed their course prefix, number, and title.
For any additional information, please visit the Academic Advising Center.

UTB/TSC Courses	*Course Equivalents at UTRGV*

GENERAL EDUCATION CORE COURSES REQUIRED FOR THE MAJOR

020 – Mathematics (†)

MATH 2413 Calculus I	MATH 2413 Calculus I

A – GENERAL EDUCATION CORE – 42 HOURS — 42 hours of General Education Core

B – AAS DEGREE WITH A MINIMUM GPA OF 2.5 WITH AT LEAST 30 SCH OF COMPUTER RELATED COURSE WORK* — AAS DEGREE WITH A MINIMUM GPA OF 2.5 WITH AT LEAST 30 SCH OF COMPUTER RELATED COURSE WORK*

Degree Major: _____ Date:_____
Institution: _____

C – COMPUTER INFORMATION TECHNOLOGY CORE – 16 HOURS

COSC 1336	Programming Fundamentals I	CSCI 1370	Engineering Computer Science I
COSC 1337	Programming Fundamentals II	CSCI 3326	Object Oriented Programming in JAVA
COSC 2336	Programming Fundamentals III	CSCI 2380	Computer Science II
COSC 3310	Foundations of Information Technology	CSCI 3310	Discrete Data Structures
COSC 4190	Senior Project	CSCI 4390	Senior Project
MATH 3381	Statistics	MATH 3331	Applied Statistics I

D – COMPUTER SCIENCE ELECTIVES – 29 HOURS — 29 hours of Computer Science (CSCI) Electives
 (27 hours must be advanced 3000, 4000 level) — (27 hours must be advanced 3000, 4000 level)

TOTAL CREDIT HOURS FOR GRADUATION – 120
TOTAL ADVANCED HOURS (minimum) – 30
TOTAL TECHNICAL HOURS FROM AAS – 33

† Grade of "C" or better is required for graduation.   Rev. Date: 3/30/15
* 30 semester credit must be documented on an official transcript.   Publication Date: 3/1/15