

# FRANKLIN UNIVERSITY - SOUTHWESTERN COMMUNITY COLLEGE

## 07-08 Course Articulation Guide - Computer Related Majors

This guide should be used in conjunction with your Degree Audit and Completion Guide

**STUDENT MUST APPLY AND COMPLETE PF 321 LEARNING STRATEGIES  
IN ORDER TO ACTIVATE THEIR PROGRAM**

This document is an unofficial, informational guide.  
Please review your Academic Evaluation and contact your SSA with any questions.

### FRANKLIN UNIVERSITY COURSE

### SOUTHWESTERN C.C COURSE EQUIVALENT

#### General Education - REQUIRED FOR ALL MAJORS

SPEECH OR INTERPERSONAL COMMUNICATION.....	COM 231 Public Speaking
COLLEGE WRITING.....	ENG 111 Expository Writing <b>AND</b> [ENG 112 Argument-Based Research <b>OR</b> ENG 113 Literature-Based Research <b>OR</b> ENG 114 Professional Research and Reporting]
BUSINESS PROFESSIONAL COMMUNICATION.....	BUS 260 Business Communication
^1 COURSE FROM THE DEPT OF SCIENCE.....	Select from COURSES such as Chemistry, Biology, Physics, etc.
^1 COURSE FROM THE DEPT OF HUMANITIES.....	Select from COURSES such as Philosophy, Literature, Ethics, etc.
^1 COURSE FROM THE DEPT OF SOCIAL/BEHAV SCIENCES...	Select from COURSES such as Anthropology, Sociology, Psychology, etc.
<b>^IF YOU ARE UNSURE IF YOUR COURSE WILL TRANSFER PLEASE CONTACT YOUR SSA</b>	
COLLEGE ALGEBRA .....	MAT 161 College Algebra <b>OR</b> MAT 171 Precalculus Algebra
APPLIED CALCULUS .....	MAT 271 Calculus I
<b>** REQUIRED FOR COMPUTER SCIENCE ONLY</b>	
STATISTICAL CONCEPTS.....	MAT 151 Statistics I
INTRO TO SPREADSHEETS.....	CTS 130 Spreadsheet
<b>** NOT REQUIRED FOR COMPUTER SCIENCE</b>	
INTRO TO DATABASES.....	DBA 110 Database Concepts
INTRO TO WEB AUTHORIZING.....	WEB 140 Web Development Tools
ALGEBRA COMPETENCY (SEE STATEMENT BELOW).....	MATH 080 Intermediate Algebra
GENERAL EDUCATION ELECTIVES.....	General Education Electives select from non-developmental courses.

#### Computer Science (COMP)

\*Prior to Beginning your Bridge Courses, apply to Franklin University and complete PF321 Learning Strategies\*

INTRO/COMP SCIE & OBJECT-ORIENTED PROGRAMMING.....	Not available at your institution. Please take COMP 111 with Franklin.
OBJECT-ORIENTED DATA STRUCTURES & ALGORITHMS I.....	Not available at your institution. Please take COMP 121 with Franklin.
PRINCIPLES OF COMPUTER ORGANIZATION.....	Not available at your institution. Please take COMP 201 with Franklin.
PRINCIPLES OF COMPUTER LANGUAGES.....	Not available at your institution. Please take COMP 202 with Franklin.
PRINCIPLES OF OPERATING SYSTEMS.....	Not available at your institution. Please take COMP 203 with Franklin.
PRINCIPLES OF COMPUTER NETWORKS.....	NET 110 Networking Concepts <b>OR</b> NET 125 Networking Basics
SURVEY OF COMPUTER LANGUAGES.....	Not available at your institution. Please take COMP 205 with Franklin.
DATABASE MANAGEMENT SYSTEMS.....	Not available at your institution. Please take COMP 281 with Franklin.
DISCRETE MATHEMATICS.....	Not available at your institution. Please take MATH 170 with Franklin.

#### \*\*Information Technology\*\* (ITEC)

\*Prior to Beginning your Bridge Courses, apply to Franklin University and complete PF321 Learning Strategies\*

DATABASE MANAGEMENT SYSTEMS.....	Not available at your institution. Please take COMP 281 with Franklin.
STRUCTURED PROGRAMMING.....	CSC 134 C++ Programming <b>OR</b> CSC 139 Visual BASIC Programming

*Student is only required to take one course to fulfill requirement.*

20 semester/30 quarter credit hours in one of the following approved Information Technology disciplines.

COMPUTER ENGINEERING TECHNOLOGY	NETWORKING TECHNOLOGY
COMPUTER INFORMATION TECHNOLOGY	WEB TECHNOLOGY

\*\*Please check with SSA for additional options\*\*

## Management Information Sciences (MIS)

\*Prior to Beginning your Bridge Courses, apply to Franklin University and complete PF321 Learning Strategies\*

FINANCIAL ACCOUNTING.....	ACC 120 Prin of Financial Acct <b>AND</b> ACC 121 Prin of Managerial Acct
MARKETING	MKT 120 Principles of Marketing
MANAGEMENT THEORY & PRACTICES.....	BUS 137 Principles of Management
WEB DESIGN & IMPLEMENTATION.....	WEB 115 Web Markup and Scripting
HUMAN RESOURCES MANAGEMENT.....	BUS 153 Human Resource Management
DATABASE MANAGEMENT SYSTEMS.....	Not available at your institution. Please take COMP 281 with Franklin.
STRUCTURED PROGRAMMING.....	CSC 134 C++ Programming <b>OR</b> CSC 139 Visual BASIC Programming

*Student is only required to take one course to fulfill requirement.*

## Web Development (WEBD)

\*Prior to Beginning your Bridge Courses, apply to Franklin University and complete PF321 Learning Strategies\*

INTRO/COMP SCIE & OBJECT-ORIENTED PROGRAMMING...	Not available at your institution. Please take COMP 111 with Franklin.
OBJECT-ORIENTED DATA STRUCTURES & ALGORITHMS I...	Not available at your institution. Please take COMP 121 with Franklin.
WEB DESIGN & IMPLEMENTATION.....	WEB 115 Web Markup and Scripting
DATABASE MANAGEMENT SYSTEMS.....	Not available at your institution. Please take COMP 281 with Franklin.
FUNDAMENTALS OF GRAPHIC DESIGN.....	Not available at your institution. Please take GRPH 210 with Franklin.
MARKETING.....	MKT 120 Principles of Marketing
GRAPHIC EDITING SOFTWARE.....	WEB 111 Introduction to Web Graphics

## Elective Bridge Courses (taken at Southwestern Community College) - REQUIRED FOR ALL MAJORS

Nondevelopmental level courses taken at your community college and not applied directly toward another Bridge requirement will be applied in this area. **An official evaluation of transfer credit will determine the need for electives.** If you need additional courses to meet the hours required for your Bachelor's degree, **please select business or computer related courses** from those offered at your community college. Other courses may be acceptable in this area. Please see your Franklin University SSA for approval prior to taking the course.

## \*\*JOINT PROGRAMS OF STUDY OPTION\*\*

The majors highlighted above are eligible for our Joint Programs of Study program. This unique option allows you to finish both your Bachelor's of Science degree and your MBA at an accelerated rate. Specific MBA courses can be substituted for Franklin University Major Area electives. Contact your SSA for information concerning the Joint Programs of Study program.

## ALGEBRA COMPETENCY STATEMENT

Franklin University requires that all of our student satisfy an Algebra Competency Requirement. The Algebra Competency Requirement can be met in the following ways:

1. Algebra II in High School with a grade of "C" or higher;
2. Pass the Franklin University Algebra Competency Test;
3. Take Fundamental Algebra (MATH150) at Franklin University; or
4. Transfer in Fundamental Algebra (MATH150) or higher (College Algebra, Calculus, Finite Math, Discrete Math, etc., but not Statistics\*\*)

\*\*Statistics will not waive the Algebra Competency Requirement unless the course has been approved for your school.

Please see your SSA.

Revised  
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