

FRANKLIN UNIVERSITY - SOUTHWESTERN COMMUNITY COLLEGE

2008-2009 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 COMMUNITY COLLEGE EQUIVALENT

General Education - REQUIRED FOR ALL MAJORS

General Education Bridge

Minimum of 8 semester/12 quarter credit hour(s) required for the following three classes combined:

SPEECH OR INTERPERSONAL COMMUNICATION..... COM 120 Introduction to Interpersonal Communication **OR**

COM 231 Public Speaking **OR**

COM 160 Small Group Communication **OR**

ENG 115 Oral Communication

COLLEGE WRITING..... ENG 111 Expository Writing **AND**

[ENG 112 Argument-Based Research **OR**

ENG 113 Literature-Based Research **OR**

ENG 114 Professional-Research & Reporting]

ENG 116 Technical Report Writing

BUSINESS AND PROFESSIONAL COMMUNICATION.....

Minimum of 2.67 semester/4 quarter credit hour(s) required for each of the following classes:

SCIENCE ELECTIVE..... Select from courses such as Chemistry, Biology, Physics, etc.

HUMANITIES ELECTIVE..... Select from courses such as Philosophy, Literature, Ethics, etc.

SOCIAL & BEHAVIORAL SCIENCE ELECTIVE..... Select from courses such as Anthropology, Sociology, Psychology, etc.

COLLEGE ALGEBRA MAT 171 Precalculus Algebra **OR** MAT 175 Precalculus

APPLIED CALCULUS MAT 232 Applied Calculus **OR** MAT 263 Brief Calculus **OR**

** REQUIRED FOR COMPUTER SCIENCE ONLY

MAT 271 Calculus I

FINITE MATHEMATICS.....

Not available at your institution. Please take MATH 210 with Franklin.

** REQUIRED FOR MANAGEMENT INFORMATION SCIENCE ONLY

STATISTICAL CONCEPTS.....

BUS 228 Business Statistics **OR** MAT 151 Statistics I **OR**

** NOT REQUIRED FOR COMPUTER SCIENCE

MAT 155 Statistical Analysis

PROBABILITY AND STATISTICS.....

Not available at your institution. Please take MATH 380 with Franklin.

Minimum of 0.67 semester/1 quarter credit hour(s) required for each of the following classes:

** REQUIRED FOR COMPUTER SCIENCE ONLY

INTRO TO SPREADSHEETS.....

CIS 120 Spreadsheet I **OR** CTS 130 Spreadsheet

** NOT REQUIRED FOR COMPUTER SCIENCE

INTRO TO DATABASES.....

CIS 152 Database Concepts & Applications **OR**

DBA 110 Database Concepts

INTRO TO WEB AUTHORING.....

CWEB 140 Web Development Tools

Please review your Academic Evaluation for exact number of electives required:

GENERAL EDUCATION ELECTIVES..... Select from non-developmental courses.

ALGEBRA COMPETENCY (SEE STATEMENT BELOW)..... MAT 080 Intermediate Algebra

Computer Science (COMP)

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

Major Area Bridge

Minimum of 2.67 semester/4 quarter credit hour(s) required for each of the following classes:

INTRO/COMP SCIE & OBJECT-ORIENTED PROGRAMMING..... CSC 151 JAVA Programming **AND** CSC 251 Advanced JAVA Programming

OBJECT-ORIENTED DATA STRUCTURES & ALGORITHMS I..... Not available at your institution. Please take COMP 121 with Franklin.

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.

Minimum of 1.33 semester/4 quarter credit hour(s) required for each of the following classes:

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 **OR** NET 125 Networking Basics

Information Technology (ITEC)

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

Major Area Bridge

Minimum of 2.67 semester/4 quarter credit hour(s) required for each of the following classes:

PRINCIPLES OF COMPUTER NETWORKS..... NET 110 Networking Concepts **OR** NET 125 Networking Basics

<input type="checkbox"/>	DATABASE MANAGEMENT SYSTEMS.....	Not available at your institution. Please take COMP 281 with Franklin.
<input type="checkbox"/>	PROGRAMMING FUNDAMENTALS.....	CSC 133 C Programming OR CSC 134 C++ Programming OR CSC 139 Visual BASIC Programming OR CSC 140 Visual C Programming OR CSC 141 Visual C++ Programming OR CSC 148 JAVA Programming OR CSC 151 JAVA Programming OR CSC 153 C# Programming
<u>Information Technology Technical Area</u>		
<input type="checkbox"/>	14 SEMESTER/21 QUARTER CREDIT HOURS IN ONE OF THE APPROVED INFORMATION TECHNOLOGY DISCIPLINES. See guidelines for transfer of Technical Programs specific to your Community College for possible options.	

Management Information Sciences (MIS)		
Prior to Beginning your Bridge Courses, apply to Franklin University and complete PF321 Learning Strategies		
<u>Major Area Bridge</u>		
Minimum of 2.67 semester/4 quarter credit hour(s) required for each of the following classes:		
<input type="checkbox"/>	FINANCIAL ACCOUNTING.....	ACC 120 Principles of Financial Accounting
<input type="checkbox"/>	MARKETING.....	MKT 120 Principles of Marketing
<input type="checkbox"/>	MANAGEMENT THEORY & PRACTICES.....	BUS 137 Principles of Management
<input type="checkbox"/>	WEB DESIGN & IMPLEMENTATION.....	WEB 115 Web Markup and Scripting
<input type="checkbox"/>	HUMAN RESOURCES MANAGEMENT.....	BUS 153 Human Resource Management
<input type="checkbox"/>	DATABASE MANAGEMENT SYSTEMS.....	Not available at your institution. Please take COMP 281 with Franklin.
<input type="checkbox"/>	INTRO/COMP SCIE & OBJECT-ORIENTED PROGRAMMING.....	CSC 151 JAVA Programming AND CSC 251 Advanced JAVA Programming

Web Development (WEBD)		
Prior to Beginning your Bridge Courses, apply to Franklin University and complete PF321 Learning Strategies		
<u>Major Area Bridge</u>		
Minimum of 2.67 semester/4 quarter credit hour(s) required for each of the following classes:		
<input type="checkbox"/>	INTRO/COMP SCIE & OBJECT-ORIENTED PROGRAMMING.....	CSC 151 JAVA Programming AND CSC 251 Advanced JAVA Programming
<input type="checkbox"/>	OBJECT-ORIENTED DATA STRUCTURES & ALGORITHMS I.....	Not available at your institution. Please take COMP 121 with Franklin.
<input type="checkbox"/>	WEB DESIGN & IMPLEMENTATION.....	WEB 115 Web Markup and Scripting
<input type="checkbox"/>	DATABASE MANAGEMENT SYSTEMS.....	Not available at your institution. Please take COMP 281 with Franklin.
<input type="checkbox"/>	FUNDAMENTALS OF GRAPHIC DESIGN.....	GRD 141 Graphic Design I and GRA 151 Computer Graphics I
<input type="checkbox"/>	MARKETING.....	MKT 120 Principles of Marketing
Minimum of 0.67 semester/1 quarter credit hour(s) required for each of the following classes:		
<input type="checkbox"/>	GRAPHIC EDITING SOFTWARE.....	CIS 126 Graphics Software Intro OR WEB 111 Intro to Web Graphics

Transfer Credit Deficiency		
If after meeting each course requirement, there is a deficiency in a specific transfer area, use the following guidelines to determine which course to take. If you have questions about how a course will transfer, please contact your Student Services Associate at Franklin University.		
Communication and Writing..... Select from courses in Written and Oral Communications.		
Science/Humanities/Social & Behavioral Science..... Select from additional courses in the same category.		
Major Area..... Select from approved courses in Computer Science, Information Technology, Web Development and related areas which are not required for your degree.		

Elective Bridge Courses (taken at Southwestern Community College) - REQUIRED FOR ALL MAJORS	
<input type="checkbox"/>	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.

* This is a nonstandard bridge course. Completion of this course at your community college may increase the number University Electives required to meet the 40 hour residency at Franklin.

Revised
Completed 6/20/2008

Legend:

6 Quarter credit hours = 4 Semester credit hours

5 Quarter credit hours = 3.33 Semester credit hours

4 Quarter credit hours = 2.67 Semester credit hours

3 Quarter credit hours = 2 Semester credit hours

2 Quarter credit hours = 1 Semester credit hours

1 Quarter credit hours = 0.67 Semester credit hours

