

FRANKLIN UNIVERSITY - MCHENRY COUNTY 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

MCHENRY COUNTY COLLEGE COURSE 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:

<input type="checkbox"/> SPEECH OR INTERPERSONAL COMMUNICATION.....	SPE 151 Introduction to Speech OR SPE 155 Interpersonal Communication OR SPE 161 Small Group Communication
<input type="checkbox"/> COLLEGE WRITING.....	ENG 151 Composition I AND ENG 152 Composition II
<input type="checkbox"/> BUSINESS AND PROFESSIONAL COMMUNICATION.....	BUS 155 Business Comm OR ENG 105 Technical Comm

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

<input type="checkbox"/> SCIENCE ELECTIVE.....	Select from courses such as Chemistry, Biology, Physics, etc.
<input type="checkbox"/> HUMANITIES ELECTIVE.....	Select from courses such as Philosophy, Literature, Ethics, etc.
<input type="checkbox"/> SOCIAL & BEHAVIORAL SCIENCE ELECTIVE.....	Select from courses such as Anthropology, Sociology, Psychology, etc.
<input type="checkbox"/> COLLEGE ALGEBRA	MAT 161 College Algebra
<input type="checkbox"/> APPLIED CALCULUS	MAT 171 Calculus for Business & Social Science OR
<input type="checkbox"/> ** REQUIRED FOR COMPUTER SCIENCE ONLY	MAT 175 Calculus with Analytic Geometry I
<input type="checkbox"/> FINITE MATHEMATICS.....	Not available at your institution. Please take MATH 210 with Franklin.
<input type="checkbox"/> ** REQUIRED FOR MANAGEMENT INFORMATION SCIENCE ONLY	MAT 170 Finite Mathematics
<input type="checkbox"/> STATISTICAL CONCEPTS.....	MAT 120 General Education Statistics OR MAT 220 Statistics
<input type="checkbox"/> ** NOT REQUIRED FOR COMPUTER SCIENCE	
<input type="checkbox"/> PROBABILITY AND STATISTICS.....	Not available at your institution. Please take MATH 380 with Franklin.
<input type="checkbox"/> ** REQUIRED FOR COMPUTER SCIENCE ONLY	

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

<input type="checkbox"/> INTRO TO SPREADSHEETS.....	CIS 125 Introduction to Windows Based Spreadsheet Applications
<input type="checkbox"/> ** NOT REQUIRED FOR COMPUTER SCIENCE	
<input type="checkbox"/> INTRO TO DATABASES.....	CIS 132 Introduction to Database Systems
<input type="checkbox"/> INTRO TO WEB AUTHORING.....	CIS 245 Web Page Design

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

<input type="checkbox"/> GENERAL EDUCATION ELECTIVES.....	Select from non-developmental courses.
<input type="checkbox"/> ALGEBRA COMPETENCY (SEE STATEMENT BELOW).....	MAT 099 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:

<input type="checkbox"/> INTRO/COMP SCIE & OBJECT-ORIENTED PROGRAMMING.....	CSC 121 Computer Science I
<input type="checkbox"/> OBJECT-ORIENTED DATA STRUCTURES & ALGORITHMS I.....	CSC 122 Computer Science II
<input type="checkbox"/> SURVEY OF COMPUTER LANGUAGES.....	Not available at your institution. Please take COMP 205 with Franklin.
<input type="checkbox"/> DATABASE MANAGEMENT SYSTEMS.....	Not available at your institution. Please take COMP 281 with Franklin.
<input type="checkbox"/> 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:

<input type="checkbox"/> PRINCIPLES OF COMPUTER ORGANIZATION.....	Not available at your institution. Please take COMP 201 with Franklin.
<input type="checkbox"/> PRINCIPLES OF COMPUTER LANGUAGES.....	Not available at your institution. Please take COMP 202 with Franklin.
<input type="checkbox"/> PRINCIPLES OF OPERATING SYSTEMS.....	Not available at your institution. Please take COMP 203 with Franklin.
<input type="checkbox"/> PRINCIPLES OF COMPUTER NETWORKS.....	CIS 170 Router Basics

Information Technology (ITEC)

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Major Area Bridge

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

<input type="checkbox"/> PRINCIPLES OF COMPUTER NETWORKS.....	CIS 170 Router Basics
<input type="checkbox"/> DATABASE MANAGEMENT SYSTEMS.....	Not available at your institution. Please take COMP 281 with Franklin.
<input type="checkbox"/> PROGRAMMING FUNDAMENTALS.....	CIS 266 Object-Oriented Programming OR CSC 121 Computer Science I

14 SEMESTER/21 QUARTER CREDIT HOURS IN ONE OF THE FOLLOWING APPROVED INFORMATION TECHNOLOGY DISCIPLINES:

COMPUTER INFORMATION SYSTEMS

Management Information Sciences (MIS)

*****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:

<input type="checkbox"/> FINANCIAL ACCOUNTING.....	ACC 151 Financial Accounting
<input type="checkbox"/> MARKETING.....	MKT 110 Principles of Marketing
<input type="checkbox"/> MANAGEMENT THEORY & PRACTICES.....	MGT 150 Principles of Management
<input type="checkbox"/> WEB DESIGN & IMPLEMENTATION.....	CIS 146 Intro to Web Page Prgm AND CIS 147 Intro to JavaScript Prgm
<input type="checkbox"/> HUMAN RESOURCES MANAGEMENT.....	MGT 210 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 121 Computer Science I

Web Development (WEBD)

*****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:

<input type="checkbox"/> INTRO/COMP SCIE & OBJECT-ORIENTED PROGRAMMING.....	CSC 121 Computer Science I
<input type="checkbox"/> OBJECT-ORIENTED DATA STRUCTURES & ALGORITHMS I.....	CSC 122 Computer Science II
<input type="checkbox"/> WEB DESIGN & IMPLEMENTATION.....	CIS 146 Intro to Web Page Prgm AND CIS 147 Intro to JavaScript Prgm
<input type="checkbox"/> DATABASE MANAGEMENT SYSTEMS.....	Not available at your institution. Please take COMP 281 with Franklin.
<input type="checkbox"/> FUNDAMENTALS OF GRAPHIC DESIGN.....	Not available at your institution. Please take GRPH 210 with Franklin.
<input type="checkbox"/> MARKETING.....	MKT 110 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.....	Not available at your institution. Please take WEBD 117 with Franklin.
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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 McHenry County 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.

* 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.

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