

# FRANKLIN UNIVERSITY - MID-STATE TECHNICAL 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

### MID-STATE TECHNICAL COLL COURSE EQUIVALENT

#### General Education - REQUIRED FOR ALL MAJORS

SPEECH OR INTERPERSONAL COMMUNICATION.....	801-196 Oral/Interpersonal Communication <u>or</u> 801-198 Speech
COLLEGE WRITING.....	801-195 Written Communication
BUSINESS PROFESSIONAL COMMUNICATION.....	801-197 Technical Reporting
^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 .....	PLEASE SEE YOUR SSA FOR POSSIBLE OPTIONS
APPLIED CALCULUS .....	804-198 Calculus I
<b>** REQUIRED FOR COMPUTER SCIENCE ONLY</b>	
STATISTICAL CONCEPTS.....	804-189 Statistics
INTRO TO SPREADSHEETS.....	103-123 Excel-Beginning
<b>** NOT REQUIRED FOR COMPUTER SCIENCE</b>	
INTRO TO DATABASES.....	103-133 Access-Beginning
INTRO TO WEB AUTHORING.....	103-192 Web Principles: HTML/FrontPage
ALGEBRA COMPETENCY (SEE STATEMENT BELOW).....	PLEASE SEE YOUR SSA FOR POSSIBLE OPTIONS
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.....	152-130 Java-Beginning
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.....	Not available at your institution please take COMP 281 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

#### \*\*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.....	152-140 Visual Basic-Beginning <u>or</u> 152-110 COBOL-Beginning

*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.

CIS-MICROCOMPUTER SPECIALIST                      CIS-NETWORK SPECIALIST                      CIS-PROGRAMMER-ANALYST

**\*\*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.....	101-111 Accounting I
MARKETING	104-102 Marketing Principles
MANAGEMENT THEORY & PRACTICES.....	102-147 Prin of Management <u>or</u> 196-191 Supervision
WEB DESIGN & IMPLEMENTATION.....	103-193 Web Prin:HTML/FrontPage Intern and 152-155 Web Data Mgt
HUMAN RESOURCES MANAGEMENT.....	102-136 Human Resources Prin <u>or</u> 196-193 Human Resources Mgmt
DATABASE MANAGEMENT SYSTEMS.....	Not available at your institution please take COMP 281 with Franklin
STRUCTURED PROGRAMMING.....	152-140 Visual Basic-Beginning <u>or</u> 152-110 COBOL-Beginning

*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...	152-130 Java-Beginning
OBJECT-ORIENTED DATA STRUCTURES & ALGORITHMS I...	Not available at your institution please take COMP 121 with Franklin
WEB DESIGN & IMPLEMENTATION.....	103-193 Web Prin:HTML/FrontPage Intern and 152-155 Web Data Mgt
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.....	104-102 Marketing Principles
GRAPHIC EDITING SOFTWARE.....	Not available at your institution please take WEBD 117 with Franklin

## Elective Bridge Courses (taken at Mid-State Technical 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  
Completed 7/27/2007