

# FRANKLIN UNIVERSITY - NORTHWEST ARKANSAS 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

### NORTHWEST ARKANSAS COMM COLL EQUIVALENT

#### General Education - REQUIRED FOR ALL MAJORS

SPEECH OR INTERPERSONAL COMMUNICATION.....	COMM 1313 Fund of Comm <u>or</u> COMM 2303 Public Speaking <u>or</u> COMM 2323 Interpersonal Comm <u>or</u> COMM 2503 Small Group Comm
COLLEGE WRITING.....	ENGL 1013 English Comp I <u>and</u> ENGL 1023 English Comp II
BUSINESS PROFESSIONAL COMMUNICATION.....	ENGL 2013 Technical Writing
^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 .....	MATH 1204 College Algebra
APPLIED CALCULUS .....	MATH 2043 Survey of Calculus <u>or</u> MATH 2554 Calculus I
<b>** REQUIRED FOR COMPUTER SCIENCE ONLY</b>	
STATISTICAL CONCEPTS.....	BUTR 1033 Data Analysis and Interpretation
INTRO TO SPREADSHEETS.....	CISQ 1103 Introduction to Computer Information Systems <u>or</u> CISM 1503 Spreadsheet Analysis-EXCEL
<b>** NOT REQUIRED FOR COMPUTER SCIENCE</b>	
INTRO TO DATABASES.....	CISQ 1103 Introduction to Computer Information Systems <u>or</u> CISM 1403 Database Management-ACCESS
INTRO TO WEB AUTHORIZING.....	CISM 2213 Advanced Web Page Design
ALGEBRA COMPETENCY (SEE STATEMENT BELOW).....	MATH 0103 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.....	PROG 1203 C++ Programming
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.....	NTWK 2013 Networking and Information Systems
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.....	MATH 2103 Discrete Math

#### \*\*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.....	PROG 1103 Visual Basic Programming <u>or</u> PROG 1203 C++ Programming <u>or</u> PROG 1403 JAVA 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.

INFORMATION SYSTEMS-APPLICATIONS

\*\*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.....	ACCT 2013 Principles of Accounting I
MARKETING.....	BUTR 2013 Markets and Consumers
MANAGEMENT THEORY & PRACTICES.....	BADM 2513 Business Organization and Management
WEB DESIGN & IMPLEMENTATION.....	PROG 1303 Web Client-Side Programming
HUMAN RESOURCES MANAGEMENT.....	BUTR 2033 Acquisition and Management of Human Capital
DATABASE MANAGEMENT SYSTEMS.....	Not available at your institution please take COMP 281 with Franklin
STRUCTURED PROGRAMMING.....	PROG 1103 Visual Basic Programing <u>or</u> PROG 1203 C++ Programming <u>or</u> PROG 1403 JAVA 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...	PROG 1203 C++ Programming
OBJECT-ORIENTED DATA STRUCTURES & ALGORITHMS I...	Not available at your institution please take COMP 121 with Franklin
WEB DESIGN & IMPLEMENTATION.....	PROG 1303 Web Client-Side Programming
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.....	BUTR 2013 Markets and Consumers
GRAPHIC EDITING SOFTWARE.....	CISM 1223 Photoshop

### Elective Bridge Courses (taken at Northwest Arkansas Comm Coll) - 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.

IF YOU DECIDED TO TRANSFER TO ANOTHER INSTITUTION BEFORE COMPLETING YOUR BACHELOR'S DEGREE, CHECK WITH THE RECEIVING INSTITUTION; THE TRANSFER OF COURSES IS DETERMINED BY THE RECEIVING INSTITUTION.

### \*\*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 4/21/2008  
Completed 8/22/2007