

FRANKLIN UNIVERSITY - LONE STAR COLLEGE SYSTEM

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

LONE STAR COLLEGE SYSTEM COURSE EQUIVALENT

General Education - REQUIRED FOR ALL MAJORS

SPEECH OR INTERPERSONAL COMMUNICATION.....	SPCH 1311 Intro to Speech Comm <u>or</u> SPCH 1315 Public Speaking <u>or</u> SPCH 1318 Interpersonal Comm
COLLEGE WRITING.....	ENGL 1301 Comp & Rhetoric I <u>and</u> ENGL 1302 Comp & Rhetoric II
BUSINESS PROFESSIONAL COMMUNICATION.....	BUSI 2304 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.
^IF YOU ARE UNSURE IF YOUR COURSE WILL TRANSFER PLEASE CONTACT YOUR SSA	
COLLEGE ALGEBRA	MATH 1314 College Algebra <u>or</u> MATH 2412 Precalculus
APPLIED CALCULUS	MATH 2413 Calculus I
** REQUIRED FOR COMPUTER SCIENCE ONLY	
STATISTICAL CONCEPTS.....	MATH 1342 Statistics
INTRO TO SPREADSHEETS.....	ITSW 1404 Intro to Spreadsheets
** NOT REQUIRED FOR COMPUTER SCIENCE	
INTRO TO DATABASES.....	ITSW 1407 Intro to Databases
INTRO TO WEB AUTHORING.....	ITSE 2413 Web Authoring
ALGEBRA COMPETENCY (SEE STATEMENT BELOW).....	MTH 0310 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.....	(COSC 1420 "C" Language and COSC 2420 Advanced "C" Language) <u>or</u> (ITSE 1407 Intro to C++ Prgm and ITSE 2431 Advanced C++ Prgm)
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.....	ITCC 1402 CCNA I: 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.....	ITSE 1402 Computer Prgm <u>or</u> ITSE 1407 Intro to C++ Prgm <u>or</u> ITSE 1418 Intro to COBOL Prgm <u>or</u> ITSE 1431 Intro to VB Prgm <u>or</u> ITSE 2417 Java Prgm

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 INFORMATION TECHNOLOGY
COMPUTER PROGRAMMING

NETWORKING

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 2401 Principles of Accounting I
MARKETING.....	MRKG 1311 Principles of Marketing
MANAGEMENT THEORY & PRACTICES.....	BMGT 1303 Principles of Management
WEB DESIGN & IMPLEMENTATION.....	Not available at your institution please take WEBD 234 with Franklin
HUMAN RESOURCES MANAGEMENT.....	HRPO 2301 Human Resources Management
DATABASE MANAGEMENT SYSTEMS.....	Not available at your institution please take COMP 281 with Franklin
STRUCTURED PROGRAMMING.....	ITSE 1402 Computer Prgm <u>or</u> ITSE 1407 Intro to C++ Prgm <u>or</u>
<i>Student is only required to take one course to fulfill requirement.</i>	ITSE 1418 Intro to COBOL Prgm <u>or</u> ITSE 1431 Intro to VB Prgm <u>or</u>
	ITSE 2417 Java Prgm

Web Development (WEBD)

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

INTRO/COMP SCIE & OBJECT-ORIENTED PROGRAMMING...	(COSC 1420 "C" Language and COSC 2420 Advanced "C" Language) <u>or</u> (ITSE 1407 Intro to C++ Prgm and ITSE 2431 Advanced C++ Prgm)
OBJECT-ORIENTED DATA STRUCTURES & ALGORITHMS I...	Not available at your institution please take COMP 121 with Franklin
WEB DESIGN & IMPLEMENTATION.....	Not available at your institution please take WEBD 234 with Franklin
DATABASE MANAGEMENT SYSTEMS.....	Not available at your institution please take COMP 281 with Franklin
FUNDAMENTALS OF GRAPHIC DESIGN.....	ARTS 2313 Design Comm I <u>and</u> ARTS 2314 Design Comm II
MARKETING.....	MRKG 1311 Principles of Marketing
GRAPHIC EDITING SOFTWARE.....	Not available at your institution please take WEBD 117 with Franklin

Elective Bridge Courses (taken at LSCS) - 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 8/30/2007