

FRANKLIN UNIVERSITY - COMPLETION GUIDE

Bachelor's Degree - INFORMATION TECHNOLOGY

124 Semester Credit Hours
Effective Fall 2011 - Summer 2012

This document is an **unofficial, informational** guide.

Please review Franklin University's **ACADEMIC BULLETIN** for transfer policies and degree requirements.

For an official transfer degree audit, complete Franklin University's **FREE** application.

COMMUNITY COLLEGE COURSES

Franklin University Course

Columbus State Community College Course

GENERAL EDUCATION CORE

- | | | |
|--------------------------|--|--|
| <input type="checkbox"/> | College Writing..... | [ENGL 101 Beginning Composition AND ENGL 102 Essay and Research]
OR ENGL 111 English Composition |
| <input type="checkbox"/> | Mathematics (beyond Intermediate Algebra) *..... | Select from College Algebra, Calculus, Finite Mathematics, Stats, etc. |
| <input type="checkbox"/> | Science Area (2 courses with 1 having a laboratory component)..... | Select from courses such as Chemistry, Biology, Physics, etc. |
| <input type="checkbox"/> | Social/Behavioral Science Area (2 courses in different disciplines)..... | Select from courses such as Anthropology, Sociology, Psychology, etc. |
| <input type="checkbox"/> | Arts and Humanities Area (2 courses)..... | Select from courses such as Philosophy, Literature, Ethics, etc. |
| <input type="checkbox"/> | Statistical Concepts..... | MATH 135 Elementary Statistics |
| <input type="checkbox"/> | Speech Communication or Interpersonal Communication..... | COMM 105 Speech OR COMM 110 Conference and Group Discussion OR
COMM 232 Interpersonal Communication |
| <input type="checkbox"/> | Business Communication..... | COMM 200 Business Communications OR
COMM 204 Technical Writing |
| <input type="checkbox"/> | Social/Behavioral Sciences Elective..... | Select from courses such as Anthropology, Sociology, Psychology, etc. |
| <input type="checkbox"/> | Introduction to Spreadsheets..... | BOA 172 Excel OR CIT 101 PC Applications I OR
CIT 102B PC Business Excel |
| <input type="checkbox"/> | Intro to Ethical Analysis & Reasoning..... | PHIL 130 Ethics |
| <input type="checkbox"/> | A min. of 1 sem/1.5 qtr hour(s) of Gen Ed Electives..... | Select from non-developmental courses. Please see your Advisor for options. |
| <input type="checkbox"/> | Algebra Competency..... | MATH 104 Intermediate Algebra |

*It is recommended that MATH 160 - College Algebra - be taken to fulfill the Mathematics requirement in the Fundamental General Education Core, or as the General Education Elective, because it is a prerequisite for several courses in this curriculum.

KEY: Preliminary Evaluation

- P = Partial Transfer
- X = Completed
- ? = Unsure
- = Needs to be Completed

INFORMATION TECHNOLOGY TECHNICAL AREA

- | | | |
|--------------------------|---|--|
| <input type="checkbox"/> | COMP 281 Database Management Systems..... | CIT 173 Database Programming AND CIT 273 Database Systems |
| <input type="checkbox"/> | COMP 204 Principles of Computer Networks..... | CIT 250 Network Communication Systems |
| <input type="checkbox"/> | Programming Fundamentals Course..... | CIT 167 C++ Programming I OR CIT 179 C# Programming I |
| <input type="checkbox"/> | 14 Semester/21 Quarter credit hours in one of the approved Information Technology disciplines such as Computer Graphics, Operating Systems, Networks, Web Design & Implementation, Computer Programming, Multimedia Technologies, or other IT related area with approval from the Information Technology Program Chair. | |

ELECTIVE BRIDGE COURSES

Non-Developmental level courses taken at your community college and not applied directly toward another Bridge requirement will be applied to 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 Academic Advisor for approval prior to taking the course.**

FRANKLIN UNIVERSITY COURSES

COMPLETION (42 SEMESTER HOURS)

It is recommended to take PF 321 before beginning any Community College course work after the conclusion of your Associate's Degree.

PROFESSIONAL FOUNDATIONS (6 SEMESTER HOURS)

- | | | |
|--------------------------|------------------------------|---|
| <input type="checkbox"/> | PF 321 Learning Strategies** | ** must be taken prior to the start of all other Franklin courses |
| <input type="checkbox"/> | HUMN 305 Global Issues | |

MAJOR AREA (28 SEMESTER HOURS)

- | | | | |
|--------------------------|--|--------------------------|---|
| <input type="checkbox"/> | ITEC 275 Computer Networks: Switching, Routing, & WANs | <input type="checkbox"/> | ISEC 300 Principles of Information Security |
| <input type="checkbox"/> | ITEC 400 UNIX Administration | <input type="checkbox"/> | MIS 310 Information Systems Architecture & Technology |
| <input type="checkbox"/> | ITEC 430 Information Technology Project Management | <input type="checkbox"/> | MIS 320 Technical Communication |
| <input type="checkbox"/> | ITEC 495 Information Technology Capstone | | |

INFORMATION TECHNOLOGY SPECIALIZATION (8 SEMESTER HOURS) CHOOSE 1 OF THE FOLLOWING SPECIALIZATIONS:

- | | | | |
|--------------------------|--|--------------------------|--|
| <input type="checkbox"/> | <u>Systems Administration</u> | <input type="checkbox"/> | <u>Infrastructure Management</u> |
| <input type="checkbox"/> | ITEC 350 Windows Administration | <input type="checkbox"/> | ITEC 325 Data Center Design & Administration |
| <input type="checkbox"/> | ITEC 450 Database Administration | <input type="checkbox"/> | ITEC 425 Information Storage Management |
| <input type="checkbox"/> | <u>Information Security</u> | | |
| <input type="checkbox"/> | ISEC 325 Network Security | | |
| <input type="checkbox"/> | ISEC 425 Business Continuity and Operations Security | | |

UNIVERSITY ELECTIVES

Credits needed for the 40 credits of Franklin University residency will vary pending transfer of any of the Major Area required classes.