Program Overview
Business and Social Sciences Division
Room A244, (847) 543-2047

TRANSFER DEGREE PROGRAM
COMPUTER INFORMATION TECHNOLOGY
(Associate in Science) Plab 11AB

First Semester (Fall) ........................................ 17
CIT 120 Introduction to Computers .......... 3
CIT 134 Introduction to Programming Concepts ...... 3
ENG 121 English Composition I ............... 3
MTH 145 Calculus and Analytic Geometry I ............ 5
Social Science Elective* ................................. 3

Second Semester (Spring) .................. 14
CIT 141 Programming in C++ ............... 4
CMM 121 Fundamentals of Speech .......... 3
ENG 122 English Composition II or Advanced Composition: Scientific and Technical Communication ................. 3
Life Science with Lab Elective* ....................... 4

Third Semester (Fall) .......................... 17
ACC 121 Financial Accounting .............. 4
CIT 241 Advanced C++ ** ...................... 3
ECO 221 Principles of Macroeconomics .......... 3
Humanities or Fine Arts Elective* .................. 3
Physical Science with Lab Elective* .............. 4

Fourth Semester (Spring) .................. 13
ACC 122 Managerial Accounting ............ 4
ECO 222 Principles of Microeconomics ............ 3
Fine Arts Elective* .................................. 3
Humanities Elective* .................................. 3

* To complete an A.S., students must meet General Requirements detailed in the current CLC catalog. Visit www.clcillinois.edu/catalog (select Associate Degree Transfer Program). See International/Multicultural Education Requirement. Courses listed are recommended for students who have not decided upon a specific four-year college or university to which to transfer. Students are strongly encouraged to meet with a counselor or advisor to identify coursework that will meet both CLC and transfer requirements.

** Certain classes are only offered specific semesters. Check the course scheduling guide.

1 A student should consult an academic advisor to determine the correct selection of math course. The math course selection for this degree will vary depending on the student’s 1) choice of 4-year institution to which to transfer and 2) math competency prior to enrolling at CLC. Depending on a student’s transfer goals or math competency, a student may need to enroll in additional math courses. Math Competency: If a student does not meet the prerequisite to enroll in MTH 145, lower level math courses may be required. Students should begin taking math courses in the first semester. MTH 102 and MTH 108 do not apply toward the requirements of the associate degree. Students who qualify for MTH 145 can complete this degree in 61 credit hours.

Typical Jobs
• Information Systems Director (IS Director)
• Information Technology Director (IT Director)
• Systems Analyst
• Programmer Analyst
• Computer Operator
• Computer Programmer
• Information Technology Specialist
• Computer Specialist
• Software Engineer
• Software Developer
• Systems Programmer

Salary and Job Outlook
For the latest information, visit www.mynextmove.org or the Bureau of Labor Statistics online at www.bls.gov.

Transfer Schools
This degree will transfer to any state university in Illinois, including
• Northeastern Illinois University
• Northern Illinois University
• Southern Illinois University
• Eastern Illinois University
• Western Illinois University
• Illinois State University

www.clcillinois.edu/transfer
College Requirements

- Satisfactory completion of the General Education Requirements for the appropriate degree;
- Cumulative CLC grade point average of 2.0 or higher;
- Completion of at least 15 credit hours at CLC;
- Completed Petition to Graduate (submit to Admissions and Records Office)

Getting Started

If you satisfy the Program Entrance Requirements, visit www.clcillinois.edu/admission for steps on how to register.

Job Responsibilities

- Plan, direct, or coordinate activities in such fields as information systems, systems analysis and computer programming.
- Analyze science, engineering, business and all other problems associated with applications for electronic information systems. Analyze user requirements, procedures and problems to automate or improve existing systems and review computer system capabilities, workflow and scheduling limitations.
- Monitor and control computer and peripheral processing equipment to process business, scientific, engineering and other data according to operating instructions.
- Convert project specifications and statements of problems and procedures to detailed documentation for coding into computer language.
- Plan, coordinate and implement security measures for information systems to regulate access to computer data files and prevent unauthorized modification, destruction or disclosure of information.
- Develop, create and modify general computer applications software or specialized utility programs. Analyze user needs and develop software solutions.
- Research, design, develop and test operating systems-level software, compilers and network distribution software for medical, industrial, military, communications, aerospace, business, scientific and general computing applications.

Contact Info

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