

Elmhurst College
Transfer Planning Guide – COMPUTER SCIENCE MAJOR
 Use in tandem with Elmhurst general transfer guide

Contact: Office of Admission 630-617-3400

Computer Science Majors:

<u>CLC course</u>	<u>Elmhurst equivalent</u>
MCS 140 or CIT141 (preferred due to C++)	CS 220
MCS 142	CS 255
MCS 240	CS 310
CIT 241	CS 318
MTH 145	MTH 151
MTH 146	MTH 152
MTH 244	MTH 301

NO EQUIVALENT course at CLC for the following Elmhurst courses:
 CS 320, CS 360, CS 420, CS 435, CS 475, CS 309, CS 350, CS 315, CS 398

Additional courses should be selected from the Elmhurst College Integrated Curriculum list on the reverse of this guide.

This transfer guide is designed to assist students with their academic planning. Every effort is made to maintain accurate information; however, this information is subject to frequent change. Students should contact the member institution to keep informed of changes, as final responsibility for verifying information rests with the student.

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INTEGRATED CURRICULUM

Following is a listing of equivalent courses in general education offered at the College of Lake County which will be accepted in transfer in each area. Students complete one course in each category below. In addition to completing the Integrated Curriculum Areas of Knowledge and major requirements, students will be required to fulfill certain skill sets and proficiencies (see additional skills and proficiencies below this section).

Elmhurst College	College of Lake Co.
Inquiry Into Ethics and Justice	Philosophy 121, 125
Religious Studies in Context	Philosophy 126
Literature	English 129, 223, 225, 226, 227, 228, 229, 241, 243, 246, 247, 263, 264
Fine Arts	Art 121, 124, 129, 223, 224, 260 HUM 123, 140 Music 124, 127, 128, 140 Theater 121, 125
Historical Analysis	Art 240, 241, 242 History 121, 122, 123, 124, 126, 127, 221, 222
Social and Political Analysis	Anthropology 221, 228 Geography 122 Political Science 121, 122, 221, 222 Sociology 222, 225
Cognitive and Behavioral Sciences	Psychology 121 Sociology 121
Physical Science	Chemistry 120, 121, 123, 142 Earth Science 120, 121, 140 Geography 120 Physics 111, 112, 121, 122, 123, 124
Life Science	Biology 120, 123, 125, 141, 161, 162

PROFICIENCY COURSE INFORMATION

In addition to completing a course within each of the categories listed in the above Areas of Knowledge section, each student is also required to complete proficiencies in four areas. These may be fulfilled through completion of the courses listed below, or in some cases, through ACT scores, AP credits, or proficiency exams at Elmhurst College. Please contact the Office of Admission for more information.

Elmhurst College	College of Lake County
Writing Proficiency	English 121 and English 122
Computer Technology Proficiency	CIT 119 or CIT 120
Math Proficiency**	MTH 121 , 122, 123, 127, 140, 141, 144, 145, 146, 221 , 224, 225, 227, 244, 246

**Bolted course numbers can only meet the proficiency for early childhood, elementary or special education majors. All other majors should not take the bolted courses.

Additional Skill and Proficiency Requirements

In addition to completing the General Education Areas of Knowledge and major requirements, you will be required to fulfill certain skill sets and proficiencies. Some of these may be completed by selecting certain courses that will be considered "tagged" with these skills upon transfer to Elmhurst College. Below is a list of skill sets and proficiencies with the courses you may choose at the community college level to satisfy the requirements. Please note that in some cases courses may satisfy an Area of Knowledge and a skill or proficiency requirement. These courses are in **bold** below.

Proficiency Name: Writing at the Beginning College Level*Possible Courses*

Composition I and Composition II

Writing I and Writing II

*Please note: The courses must focus entirely on writing.***Proficiency Name: Mathematics at the Beginning College Level***Possible Courses*

General Education Mathematics

Quantitative Literacy

College Algebra

Trigonometry

Pre-Calculus

Calculus I, II or III

Math for Teachers I and/or II (for non-secondary education majors only)

*Can also meet proficiency with an ACT math subscore of 22 or a proficiency test at Elmhurst College.***Proficiency Name: Foreign Language at the Beginning College Level***Possible Courses*

Any one-year sequence of foreign language beginning at the 100 level.

If you have completed two sequential years of the same language in high school with passing grades, you have met this proficiency and are not required to take foreign language at the college level. However, additional language study is strongly recommended.

Proficiency Name: Computer Technology*Possible Courses*

Introduction to Computers

Fundamentals of Computers

*Please note: The course must include study of the complete Microsoft Office Suite and be at least 3 semester hours or 4 quarter hours.***Skill Tag Name: Oral Communication***Possible Courses*

Public Speaking

Oral Communication

Fundamentals of Communication (must include 5-6 speeches)

Interpersonal Communication

(cont.)

Skill Tag Name: Quantitative Reasoning

Possible Courses

Astronomy

General Chemistry II

Principles of Chemistry

General Physics II

Introduction to Physical Science

Introduction to Physics II

Introduction to Sociology

Logic

Statistics

Statistics for Social Scientists

Please note: The science courses must have labs.

Skill Tag Name: Intercultural Global Engagement

Possible Courses

Multicultural Communication

Introduction to Non-Western Art

Cultural Anthropology

Geography of Developing Nations

Eastern World Geography

Non-Western Literature

Eastern Civilization/Culture Courses–Civilization and Culture of

China, Culture of Latin America, for example

Eastern Country/Regional History Course–

History of Asia, Africa, Latin America, Middle East, for example

All foreign languages at 102-level or above

World Music

Skill Tag Name: Intercultural Domestic Engagement

Possible Courses

U.S. History I or II

Native American Literature

Literature and Gender

African-American Literature

Early American Minority Writers

History of Native Americans

African-American History in the United States

Contemporary Multicultural Literature

Majority-Minority Relations

Sex and Gender in Society

Social Inequality

Multicultural Communication