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:

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

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.

The College of Lake County Counseling Center produces this guide as an accommodation for students. Every effort is made to maintain accurate information; however, this information is subject to frequent change. Students should contact the four-year school to keep informed of changes, as final responsibility for verifying information rests with the student.
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).

<table>
<thead>
<tr>
<th>Elmhurst College</th>
<th>College of Lake Co.</th>
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</thead>
<tbody>
<tr>
<td>Inquiry Into Ethics and Justice</td>
<td>Philosophy 121, 125</td>
</tr>
<tr>
<td>Religious Studies in Context</td>
<td>Philosophy 126</td>
</tr>
<tr>
<td>Literature</td>
<td>English 129, 223, 225, 226, 227, 228, 229, 241, 243, 246, 247, 263, 264</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>Art 121, 124, 129, 223, 224, 260</td>
</tr>
<tr>
<td>Historical Analysis</td>
<td>Art 240, 241, 242</td>
</tr>
<tr>
<td>Social and Political Analysis</td>
<td>Anthropology 221, 228</td>
</tr>
<tr>
<td>Cognitive and Behavioral Sciences</td>
<td>Psychology 121</td>
</tr>
<tr>
<td>Physical Science</td>
<td>Chemistry 120, 121, 123, 142</td>
</tr>
<tr>
<td>Life Science</td>
<td>Biology 120, 123, 125, 141, 161, 162</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Elmhurst College</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Writing Proficiency</td>
<td>English 121 and English 122</td>
</tr>
<tr>
<td>Computer Technology Proficiency</td>
<td>CIT 119 or CIT 120</td>
</tr>
<tr>
<td>Math Proficiency**</td>
<td>MTH 121, 122, 123, 127, 140, 141, 144, 145, 146, 221, 224, 225, 227, 244, 246</td>
</tr>
</tbody>
</table>

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

FOR MORE INFORMATION ON ELMHURST COLLEGE CONTACT
Grayslake Counseling Center/A-124, 543-2060
Transfer Guides can be viewed online at [http://www.clcillinois.edu/info/transfer](http://www.clcillinois.edu/info/transfer)
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