Program Overview

- All classes are held at the College of DuPage Glen Ellyn campus.
- The 32 Lewis University credit hours are offered at a discounted tuition rate.
- For students earning an Associate in Applied Science in Computer Information Systems-Application and Technical Support Specialist, the program consists of 128 credit hours, including 96 credit hours of College of DuPage courses and 32 credit hours or Lewis University coursework.

Who can enroll in the program?

- Students who have completed an Associate in Applied Science degree in Computer Information Systems-Application and Technical Support Specialist and have taken the necessary additional general education courses.
- New students interested in pursuing a Bachelor of Science degree in Computer Science offered by Lewis University at College of DuPage.
- Students who graduated from College of DuPage and went elsewhere can be considered for admission for this 3+1 program if they complete any necessary prerequisites. A transcript evaluation needs to be completed by both schools.

The Advantage

The 3+1 program allows students to complete their AAS degree from College of DuPage. Once completed, our students are allowed to take additional courses beyond their degree from COD paying our much lower tuition rates. The final year of classes are taught by Lewis University faculty and are offered on College of DuPage’s campus at a significantly reduced rate, making the goal of continuing an education a reality for more students. This program exemplifies College of DuPage’s mission to make education more affordable for its students while stressing academic quality, first-class faculty and extraordinary learning environments.

For more information contact:

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cod.edu/3plus1
## Academic Plan

### COLLEGE OF DUPAGE

**General Education (18 to 19 Credits)**
- ENGLI 1101 English Composition I 3
- SPEEC 1100 Fundamentals of Speech Communication 3
- Physical and Life Sciences 4 to 5 *(must have a lab component)*
- MATH 1431 Pre-Calculus 5
- Humanities and Fine Arts 3
- Social and Behavioral Sciences 3

**Program Requirements (35 Credits)**
- CIS 1150 Intro to Computer Information Systems 3
- CIS 1160 Windows Command Line 2
- CIS 1180 Introduction to Networking** 3
- CIS 1205 Office Suite Software and Integration 3
- CIS 1310 HTML and CSS 3
- CIS 1400 Programming Logic & Technique 4
- CIS 1450 Intro to Linux/Unix Operating Systems 3
- CIS 1610 Windows Client OS** 3
- CIS 2770 Intro to Systems Analysis and Design** 3
- BUSIN 1111 Customer Service 3
- CIT 1100 Maintenance and Repair 2
- ENGLI 1105 Writing for the Workplace 3

**Program Electives (15 to 16 Credits)**
- CIS 2541 C++ Language Programming 8
- CIS 2542 Advanced C++ Programming 4
- CIS 2571 Intro to Java and CIS 2572 Collections in Java 3

Select two courses from the following:
- CIS 1510 GUI Programming (UB.NET) 3
- CIS 2220 Game Prog. Using C++** 3
- CIS 2250 XNA Game Programming 3
- CIS 2260 Game Prog. X Platform 3
- CIS 2320 Javascript and Advanced HTML 4
- CIS 2350 Intro to ASP.NET 3
- CIS 2561 Intro to C#.NET 3
- CIS 2591 Objective C 3
- CIS 2592 iPhone and iPad App. Develop.** 3
- CIS 2593 Android Applications Develop.** 6 to 8

### LEWIS UNIVERSITY

**Credits**
- 70-245 Object-Oriented Programming 3
- 70-340 Algorithms and Data Structures 3
- 70-350 Operating Systems 3
- 70-460 Programming Language 3
- 70-492 Software Systems Capstone Project 3
- 13-240 Applied Calculus 4
- 13-307 Applied Linear Algebra 3
- 13-310 Discrete Math 4
- 20-290 Cultural Diversity 3
- 19-100 Search for Faith OR 19-106 Intro to Christian Theology 3

**Credit hours completed through Lewis University** 32

**Minimum credit hours required to complete the entire program:** 95+33=128

### Notes

- Students must complete the associate degree requirements prior to taking additional COD coursework.
- Additional CIS coursework beyond the AAS degree must be completed with a "B" or higher.
- Please consult your academic advisor and the current course schedule to determine when courses should be taken.
- The Associate in Applied Science degree must be completed and conferred in order to validate this agreement. Please refer to the student planning worksheet at www.cod.edu/counseling/student_planning for COD's AAS degree requirements.
- A student must earn a minimum of 128 credit hours to qualify for graduation with a Bachelor's degree. At least 32 of the 128 credit hours for graduation must be completed through Lewis University. Students follow the degree requirements for the catalog year in which they enter Lewis University.

** must be completed with a grade of A or B.