

**Minorities' Opportunity in Research and Engineering (MORE) cohort class at CIS
College of DuPage**

General Requirements – You are eligible to enroll if you:

- are a high school graduate OR have a GED OR are at least 18 years of age

Special Requirements – You need to:

- be African-American, Asian-American, Native American or Hispanic-American AND
- complete class application AND
- be interviewed by CIS faculty member AND
- commit to transferring to science/engineering BS degree programs AND
- start classes either by May 27 (summer 08) or August 20 (fall 08)

Two cohort classes (max 22 students each) will be held (either in the day, or in the evening and on weekends). A series of activities consisting of career seminars, mentorships, and learning studies will be conducted by the CIS department. Any inquiries about this class should be directed to Professor Dejang Liu (DJ) at 630-942-3270 or liudejan@cod.edu.

<http://www.cod.edu/people/faculty/liudejan/>

Application Programmer AAS degree (code 3222) (65 credits)

General Education (18 credits)

1. Communication (6 credits) English 1101, Speech 1100
2. Physical and Life Science (3 credits)
3. Mathematics (3 credits) Math 1218
4. Humanities and Fine Arts (3 credits)
5. Social and Behavioral Science (3 credits)

Program requirements (30 credits)

CIS 1150 Introduction to CIS	(3 credits)
CIS 1230 Microcomputer Database App	(3 credits)
CIS 1310 HTML and CSS	(3 credits)
CIS 1400 Programming Logic and Technique	(4 credits)
CIS 1450 Introduction to Linux/Unix OS	(3 credits)
CIS 2541 C++ Language Programming	(4 credits)
CIS 2542 Advanced C++ with Data Structure App	(4 credits)
CIS 2770 Introduction to System analysis & Design	(3 credits)
CIS 2790 Systems Analyst Simulation	(3 credits)

Emphases Courses (14 credits)

CIS 2571 Introduction to Java	(4 credits)
CIS 1510 GUI programming	(4 credits)
CIS 2560 Introduction to C#.NET	(3 credits)
CIS 2720 SQL I	(3 credits)

Program Electives (3 credits)

CIT, networking, Co-op	(3 credits)
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Suggested schedule for completing the program in five terms (including summer term):

Fall 1 Semester (12): English (3), Speech (3), Math 1218 (3), CIS 1150 (3)

Spring 1 Semester (13): Social/behavioral science (3), CIS 1310 (3), CIS 1400 (4), CIS 1450 (3)

Summer Semester (14): Humanities/fine arts (3), CIS 1510 (4), CIS 1230 (3), CIS 2541 (4)

Fall 2 Semester (13): Physical/Life science (3), CIS 2560 (3), CIS 2542 (4), CIS 2770 (3)

Spring 2 Semester (13): CIS 2720 (3), CIS 2571 (4), Elective (3), CIS 2790 (3)