

Computer Operations Certificate

This curriculum provides students with the education necessary to work as mainframe computer operators.

Program Entry Requirements:

The program is open to interested students, assuming space is available. However, new students are normally required to take the College's placement tests at their time of entry.

Students identified as needing developmental course work must satisfactorily complete the appropriate English and mathematics courses as a part of their program.

Program of Study and Graduation Requirements:

To qualify for a certificate in Computer Operations, a student must complete 32 credit-hours as prescribed and attain a grade-point-average of 2.0 (C average).

Recommended Course Sequence	Course Number and Name	Prerequisite or Corequisite	Credits
Program Core Courses - Computer Operations Certificate			
1	OA 102 - Keyboarding and Skill Development ¹		1
2	CIS 103 - PC Applications		3
4	MATH 121 - Computer Mathematics and Logic	MATH 017 or equiv.	3
6	CIS 104 - PC Operating Systems: Windows		3
9	CIS 210 - OS/390 Job Control Language		3
11	CIS 106 - Introduction to Computer Programming ²		4
General Education Courses (See page 31 for information on disciplines which meet these requirements.)			
3	ENGL 101 - English Composition I		3
5	Social Science Elective		3
7	ENGL 102 - English Composition II ³ or ENGL 112 - Report and Technical Writing	ENGL 101 ENGL 101	3
Electives			
8	General Elective		3
10	General Elective		3

Total to Graduate: 32 credits

¹ Credit by exam is available for students through the OA Department.

² C Programming (CIS 218) or Micro Assembly (CSCI 212) may be substituted with Department Head Approval.

³ English 102 may have a higher probability of receiving transfer credit at a baccalaureate degree institution than English 112.

For More Information Contact:

The Division of Business and Technology, Room C1-9, 1700 Spring Garden Street, Philadelphia, PA 19130, Telephone 215-496-6164; or the College Information Center, 215-751-8010.