

Certificate in Information Technology – IT Professional
CIP 11.0103 – Information Technology

Macomb Program Information

Classification of Industry Program

- 11.0103 – Information Technology

Program Level

- Undergraduate Certificate

Program Length*

- 16 months

Cost of Program**

- Total tuition and fees for entire program: \$3,396
- Estimated cost of books and supplies for entire program: \$1,651

<http://www.macomb.edu/TuitionFees>

Debt at Program Completion

- Number of students who completed program in 2009-10: 3
- Number of completers with any student loan debt: 1
- Median federal debt: \$0
- Median private debt: \$0

Program Completion in Normal Time

- Normal time to complete program: 16 months
- Percent of students completing program in normal time: Not disclosed due to privacy.

Job Placement

- Job placement data is not required for this program.

**Program length and normal time to completion are calculated by the student attending fall and winter semesters and completing 24 credits during each 12-month period.*

***Tuition and fees are based on the 2011 in-district rate for on-campus classes. Estimated cost of books and supplies is \$47.17 per credit based on the college's published average of \$1,132 per year for full-time (24 credits).*

CIP Information

CIP Description

A program that focuses on the design of technological information systems, including computing systems, as solutions to business and research data and communications support needs. Includes instruction in the principles of computer hardware and software components, algorithms, databases, telecommunications, user tactics, application testing, and human interface design.

Jobs Related to this CIP

(Job information from Federal O*NET Website)

Computer and Information Systems Managers

<http://www.onetonline.org/link/summary/11-3021.00>

Computer and Information Scientists, Research

<http://www.onetonline.org/link/summary/15-1111.00>

Computer Systems Analysts

<http://www.onetonline.org/link/summary/15-1121.00>

Information Security Analysts

<http://www.onetonline.org/link/summary/15-1122.00>

Software Developers, Applications

<http://www.onetonline.org/link/summary/15-1132.00>

Software Developers, Systems Software

<http://www.onetonline.org/link/summary/15-1133.00>

Computer Network Architects

<http://www.onetonline.org/link/summary/15-1143.00>