IT – Programming
(CRT.ITPROG) Certificate

Information Technology

You might also like:

Workforce Ready
- Computer Applications Specialist – page 44
- Computer Technician – page 46
- Computer Troubleshooting – page 47
- Desktop Publishing Graphic Design – page 59
- Electronic Communication Technician – page 63
- IT–Computer Applications – page 81
- IT–Computer Game Development – page 83
- IT–Digital Media Specialist – page 84
- IT–Network Administration – page 85
- IT–Programming – page 87
- IT–Web Technology – page 89

The certificate in Programming lays the foundation for entry level work as a computer operator or computer programmer. The course work is spread among the various Information Technology concentrations and allows for future completion of any of the IT degrees without complications. The certificate is excellent for supplementing another associate degree.

Program requirements may change over time. Specific degree/graduation requirements are determined by the students' degree audit.

FIRST YEAR

First Semester		Hours
☐ CIS 156	Computer Logic *	3
☐ CIS 160	Practical Software Applications *	3
☐ CIS 071	Introduction to Networking *or*	
CIS 101	Internet Systems and Applications	2
☐ CIS 099	Web Page Design *	3
☐ CIS 060	Project Management	2
	SEMESTER TOTALS	**13**

Second Semester		Hours
☐ EET 060	Computer Hardware	3
☐ CIS 052	Visual Basic * †	4
☐ CIS 162	Object-Oriented Programming I * †††	3
☐ ITT 044	IT Programming Certificate Internship *	1
☐ CIS or ITT	Electives **	6
	SEMESTER TOTALS	**17**
	TOTAL PROGRAM HOURS	**30**

* There are prerequisites, course requisites or minimum placement test scores for this course
** Electives must be approved by Program Coordinator
† Course only offered fall semester
††† Course only offered spring semester

For more information regarding related occupations, graduation rates and program costs, go to www.lakelandcollege.edu, link to Academic Programs and select Gainful Employment Information.

Call Counseling Services: 217-234-5232
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