IT – Programming

(AAS.ITPRO) Associate in Applied Science Degree

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 concentration in Programming provides the necessary training to prepare a student to enter business, industry or government work in programming and related jobs.

The core required classes cover general areas of Information Technology and the concentration classes cover a variety of application programming languages, web programming and database interactivity.

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
☐	SFS 101	Strategies for Success *or*	
	PED ---	P.E. Elective *or*	
	HED ---	Health Elective	2
☐	EET 060	Computer Hardware	3
☐	CIS 099	Web Page Design *	3
		SEMESTER TOTALS	**16**

Second Semester			
☐	ENG 120	Composition I	3
☐	CIS 162	Object-Oriented Programming I * †††	3
☐	CIS 100	Advanced Web Page Design *	3
☐	MAT 090	Math for Computer Applications ††† *or*	
	MAT 1--	Math Elective	3
☐	SPE 111	Introduction to Speech Communication	3
☐	BUS 142	Introduction to Business	3
		SEMESTER TOTALS	**18**

SECOND YEAR

First Semester			Hours
☐	CIS 095	Database Management *	3
☐	CIS 052	Visual Basic * †	4
☐	ECO 231	Principles of Economics *or*	
	--- ---	Social Science Elective *or*	3
	CIS 060	Project Management	2
☐	CIS 164	Object-Oriented Programming II * †	3
☐	CIS 170	Java Programming * †	3
		SEMESTER TOTALS	**18**

Second Semester			
☐	CIS 083	Systems Design * †††	4
☐	CIS 074	IT Seminar *	1
☐	ITT 045	IT Programming Degree Internship *	2
☐	PSY 271	Introduction to Psychology *or*	
	---	Social Science Elective	3
☐	ITT 054	Mobile Application Development * †††	3
☐	CIS 050	Advanced Web Technologies * †††	3
		SEMESTER TOTALS	**16**
		TOTAL PROGRAM HOURS	**68**

* There are prerequisites or course requisites for this course
† Course only offered fall semester
††† Course only offered spring semester

NOTES:_____

_____

_____

_____

Call Counseling Services: 217-234-5232
Email: counsel@lakeland.cc.il.us

Faculty Contact: Angie Davison
Email: adavison@lakeland.cc.il.us
Phone: 217-234-5414