

IT-PROGRAMMING

(CRT.ITPROG) CERTIFICATE

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. The certificate is excellent for supplementing another associate degree.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

FIRST YEAR

First Semester		Hours
CIS-156	Computer Logic	3.0
CIS-160	Practical Software Application	3.0
CIS-071	Introduction to Networking	2.0
CIS-099	Introduction to Web Technology	3.0
CIS-060	Project Management	2.0
SEMESTER TOTALS		13.0

Second Semester

ITT-054	Mobile Application Development * +++	3.0
CIS-052	Visual Basic * +	4.0
CIS-162	Object-Oriented Programming I * +++	3.0
ITT-044	IT Programming Cert Internship *	1.0
CIS or ITT	Electives **	6.0
SEMESTER TOTALS		17.0
TOTAL PROGRAM HOURS		30.00

- * There are prerequisites, course requisites, or minimum placement test scores for this course.
- ** Electives must be approved by the Program Coordinator
- + Course only offered fall semester
- ++ Course only offered spring and summer semester
- +++ Course only offered spring semester
- ++++ Course offered in summer term only
- ^ SOS 050 Human Relations and PSY 271 Introduction to Psychology cannot be used as a social science elective
- ^^ Consult Academic Advisor for appropriate course
- ^^^ Course requires a 30-hour practicum experience in addition to classroom lecture hours
- ^^^^ ECE 120 and ECE 125 must be taken the same semester

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