

**Northwestern Michigan College**  
**COMPUTER INFORMATION TECHNOLOGY--DEVELOPER**  
**Associate in Applied Science Degree**  
**Effective beginning Fall Semester 2007**

Following are major requirements in suggested sequence. The courses need to be taken to complete an Associate in Applied Science Degree, however unless a course has a prerequisite or co-requisite, the order in which you take the courses can be varied.

Fall Semester--first year		Credits
ACC 121	Accounting Principles I	4
ENG 111	English Composition	3-4
CIT 110	Programming – Logic & Design	2
CIT 217	XHTML Programming	2
CIT 210	Electronic Spreadsheets	3
CIT 155	Personal Computer Maintenance	2
		16-17
Spring Semester--first year		
BUS 101	Introduction to Business <b>OR</b>	<b>3 OR</b>
ACC 122	Accounting Principles II	4
CIT 140	.NET Application Programming	3
CIT 212	Intro to Database Management	3
CIT 233	Project Management	3
CIT 213	Networking Technologies	4
CIT 170	XML Programming	2
		18-19
Fall Semester--second year		
BUS 150	Interpersonal Relations	2
ENG 220	Technical Writing <b>OR</b>	<b>3 OR</b>
ENG 112	English Composition	4
CIT 255	.NET Object-Oriented Programming	3
CIT 248	SQL Server Databases	3
Social Science Group I Course (ECO 201 recommended)		3
PHL105	Critical Thinking <b>OR</b>	
PHL 202	Contemporary Ethical Dilemmas	3
		17-18
Spring Semester--second year		
BUS 231	Professional Communications	3
CIT 230	Systems Analysis & Design	3
CIT 218	Web Application Programming with ASP .NET	3
CIT 290	CIT Internship*	3
Science Group I course with lab		4
		16
Total Program Credits		67-68

\* Two competencies are required for the Internship course: a 3.0 GPA in CIS classes (with 20 CIS credits and an overall GPA of 2.5 and department approval) and a keyboarding competency. While a 3.0 GPA in CIS classes is required for this internship, an alternative, campus-based internship opportunity is available for those students who do not meet this requirement.