



## PLAN OF STUDY

### Computer Technology Integration with an emphasis in Software & Web Development - D25500G

The following plan of study is the standard curriculum for the above program. Any deviation from the prescribed curriculum must have approval in advance. All prerequisite course requirements must also be met. To graduate the student must successfully complete all the required courses, the required credit hours for electives, and have at least a 2.0 overall grade point average. This plan of study is subject to change when the college thinks such action is in the best interest of the student or the program. It is the responsibility of the student to meet requirements for graduation. If accepted students do not enroll for three successive semesters, they must contact the Admissions office to determine if readmission is necessary.

Course Title	Hours				Credit	Grade	Semester	Remarks
	Lecture	Lab	Clinical	Contact				
<b>1<sup>st</sup> Term</b>		<b>Fall</b>						
CIS 110	Intro to Computers	2	2	0	4	3		
CTI 110	Web Pgm & DB Found.	2	2	0	4	3		
CTI 120	Net & Sec Foundations	2	2	0	4	3		
ENG 111	Expository Writing	3	0	0	3	3		
NOS 110	Operating Sys Concepts	2	3	0	5	3		
<b>2<sup>nd</sup> Term</b>		<b>Spring</b>						
CIS 115	Intro to Prog & Logic	2	3	0	5	3		
CSC 139	Visual Basic Programming	2	3	0	5	3		
CTS 120	Hardw/Software Support	2	3	0	5	3		
DBA 120	Database Programming	2	2	0	4	3		
WEB 115	Web Markup & Scripting	2	2	0	4	3		
<b>3<sup>rd</sup> Term</b>		<b>Summer</b>						
MAT	Mathematics Elective	3	0	0	3	3		
<b>4<sup>th</sup> Term</b>		<b>Fall</b>						
CTS 115	Info Sys Bus Concepts	3	0	0	3	3		
CSC 239	Adv Visual Basic Prog.	2	3	0	5	3		
DBA 223	MySQL DB Prog II	2	2	0	4	3		
WEB 210	Web Design	2	2	0	4	3		
<b>5<sup>th</sup> Term</b>		<b>Spring</b>						
CSC 151	Java Programming	2	3	0	5	3		
<b>Math Electives</b>								
MAT 115	Mathematical Models	3	0	0	3	3		
MAT 140	Survey of Mathematics	3	0	0	3	3		
MAT 161	College Algebra	3	0	0	3	3		

Required Courses 48

Major Elective(s)

Total Semester Hours Required for Degree 48