



PLAN OF STUDY

Computer Technology Integration with an emphasis in Database Systems - D25500B

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					
1st Term		Fall							
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			
2nd Term		Spring							
CIS 115	Intro to Prog & Logic	2	3	0	5	3			
CTS 120	Hardw/Software Support	2	3	0	5	3			
CSC 139	Visual Basic Programming	2	3	0	5	3			
DBA 110	Database Concepts	2	3	0	5	3			
DBA 120	Database Programming	2	2	0	4	3			
DBA 240	DB Analysis & Design	2	3	0	5	3			
3rd Term		Summer							
MAT	Mathematics Elective	3	0	0	3	3			
4th Term		Fall							
CTS 115	Info Sys Bus Concepts	3	0	0	3	3			
CTS 240	Project Management	2	2	0	4	3			
DBA 220	Oracle DB Programming	2	2	0	4	3			
or	or								
DBA 221	SQL Server DB Prog II								
DBA 230	DB in Corporate Environ.	2	3	0	5	3			
Math Electives									
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