ONE-YEAR CERTIFICATE

DATABASE SYSTEMS

The catalog in force is assigned to students based on the academic year they first applied to the college, and changes only when students change their major or request the change in writing. Refer to Policy No. 3357:15-13-28.

5204

Business, Engineering, and Information Technologies Division   *Computer Science and Information Systems Department*

TECHNICAL Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
CIS125	Data Analysis and Decision Making▲	3	CPD121	
CIS221	Generating Reports for Decision Making▲ -	3	CPD121	
CPD123	Structured Query Language	3	CPD121	
CPD224	Advanced Microsoft SQL Server Database	3	CPD123	
WDD225	ASP.Net MVC Development▲	3	CSE122 **and** WDD121	
WDD226	Web Development with PHP and MYSQL	3	CSE122 **and** WDD121	
	Total	**18**		
NON-TECH Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
SSC101	Student Success Seminar^^	1	*Take first semester*	
CPD121	Data Modeling and Database Design^	3	(IDS102 or Proficiency) **and** (ITD100 or Proficiency)	
CSE122	Programming Logic and Problem Solving^	3	(IDS102 or Proficiency) **and** (ITD100 or Proficiency)	
MTH118	Quantitative Reasoning^	3	Pre/Co-MTH018 **or** MTH022 **or** MTH023 **or** Proficiency	
WDD121	Internet Design and Development^	3	(IDS102 or Proficiency) **and** (ITD100 or Proficiency)	
	Total	**13**		
	TOTAL CREDIT HOURS	**31**		

^Based upon SSC placement score

^^To promote student success, this course should be taken in the first semester

▲- Fall only courses. Please see your academic advisor for availability.

▲ Courses vary by semester. Please see your academic advisor for availability.

PART-TIME STUDENT ADVISING NOTES

<u>Academic Advising</u>
Students should make an appointment to see their advisor before registering for classes each semester. They should have prepared a completed registration form, including courses they wish to take, prior to this meeting.

<u>Course Sequence</u>
The semester-by-semester listing below provides the normal scheduling option for students who plan to finish in four semesters.

<u>First Semester</u>		<u>Credit Hours</u>	<u>Pre- or Co-requisites</u>
SSC101	Student Success Seminar^^	1	*Take first semester*
CPD121	Data Modeling and Database Design^	3	(IDS102 or Proficiency) **and** (ITD100 or Proficiency)
CSE122	Programming Logic and Problem Solving^	3	(IDS102 or Proficiency) **and** (ITD100 or Proficiency)
WDD121	Internet Design and Development^	<u>3</u>	(IDS102 or Proficiency) **and** (ITD100 or Proficiency)
		10	
<u>Second Semester</u>			
CPD123	Structured Query Language	3	CPD121
MTH118	Quantitative Reasoning^	3	Pre/Co-MTH018 **or** MTH022 **or** MTH023 **or** Proficiency
WDD226	Web Development with PHP and MYSQL	<u>3</u>	CSE122 **and** WDD121
		9	
<u>Third Semester</u>			
CIS221	Generating Reports for Decision Making▲-	3	CPD121
WDD225	ASP.Net MVC Development▲	<u>3</u>	CSE122 **and** WDD121
		6	
<u>Fourth Semester</u>			
CPD224	Advanced Microsoft SQL Server Database	3	CPD123
CIS125	Data Analysis and Decision Making▲	<u>3</u>	CPD121
		6	
	TOTAL CREDITS	**31**	

^Based upon SSC placement score
^^To promote student success, this course should be taken in the first semester
▲- Fall only courses. Please see your academic advisor for availability.
▲ Courses vary by semester. Please see your academic advisor for availability.