ASSOCIATE OF APPLIED BUSINESS

COMPUTER PROGRAMMING AND DATABASE

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.

5200

Stark State COLLEGE

MAP MY ACADEMIC PLAN

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	
CPD224	Advanced Microsoft SQL Server Database	3	CPD123	
CSE229	.Net Development	3	CSE122	
CSE230	Advanced .Net Development ▲ -	3	CSE229	
CSE236	Analyzing Software Requirements and Developing Solutions	3	(CIS221 or CSE235 or CSE229 or CSE231 or CSE233 or WDD221 or WDD222 or WDD224 or WDD225 or WDD226) **and** CPD123	
WDD224	Active Server Page Development	3	CSE122 **and** WDD121	
WDD225	ASP.Net MVC Development ▲	3	CSE122 **and** WDD121	
WDD226	Web Development with PHP and MySQL	3	CSE122 **and** WDD121	
	Select two (2) Technical Elective from the list below³ ▲	6	*Check for prerequisites*	
	Total	**33**		

NON-TECH Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
SSC101	Student Success Seminar^^	1	*Take first semester*	
COM121 **or** COM122 **or** COM123	Effective Speaking **or** Interpersonal Communication **or** Small Group Communication^	3 **or** 3 **or** 3	None **or** None **or** IDS102 **or** Proficiency	
CIS126	Fundamentals of Information Systems^	3	IDS102 or Proficiency	
CPD121	Data Modeling and Database Design^	3	(IDS102 or Proficiency) **and** (ITD100 or Proficiency)	
CPD123	Structured Query Language	3	CPD121	
CSE122	Programming Logic and Problem Solving^	3	(IDS102 or Proficiency) **and** (ITD100 or Proficiency)	
ENG124	College Composition^	3	Co-ENG024 **or** Co-ENG011 **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)	
	Select one (1) Arts & Humanities Elective from the list below¹	3	*Check for prerequisites*	
	Select one (1) Social and Behavioral Sciences Elective from the list below²	3	*Check for prerequisites*	
	Total	**31**		
	TOTAL CREDIT HOURS	**64**		

^Based upon SSC placement score

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

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

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

¹Arts & Humanities Electives: ENG233, ENG234, ENG236, ENG237, HIS121, HIS122, PHL122

²Social and Behavioral Sciences Electives: PSC121, PSY121, PSY123, PSY124, PSY221, SOC121, SOC122, SOC123, SOC221, SOC225

³Technical Elective: CSE231, CSE233, CSE235, WDD221, WDD222

Students completing this degree may be eligible to also receive a Database Systems One-Year Certificate (5204).

PART-TIME STUDENT ADVISING NOTES

Academic Advising

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.

Course Sequence

The semester-by-semester listing below provides the normal scheduling option for part-time associate degree students who plan to finish in eight semesters.

First Semester		Credit Hours	Pre- and Co-requisites
SSC101	Student Success Seminar^^	1	*Take first semester*
CIS126	Fundamentals of Information Systems^	3	IDS102 or Proficiency
ENG124	College Composition^	3	Co-ENG024 **or** Co-ENG011 **or** Proficiency
		7	
Second Semester			
CSE122	Programming Logic and Problem Solving^	3	(IDS102 or Proficiency) **and** (ITD100 or Proficiency)
WDD121	Internet Design and Development^	3	(IDS102 or Proficiency) **and** (ITD100 or Proficiency)
CPD121	Data Modeling and Database Design^	3	(IDS102 or Proficiency) **and** (ITD100 or Proficiency)
		9	
Third Semester			
CSE229	.Net Development	3	CSE122
MTH118	Quantitative Reasoning^	3	Pre/Co-MTH018 **or** MTH022 **or** MTH023 **or** Proficiency
WDD224	Active Server Page Development	3	CSE122 and WDD121
		9	
Fourth Semester			
CPD123	Structured Query Language	3	CPD121
COM121	Effective Speaking	3	None
or	**or**	**or**	**or**
COM122	Interpersonal Communication	3	None
or	**or**	**or**	**or**
COM123	Small Group Communication^	3	IDS102 **or** Proficiency
Arts & Humanities Elective[1]		3	*Check for prerequisites*
		9	
Fifth Semester			
CIS221	Generating Reports for Decision Making ▲-	3	CPD121
WDD225	ASP.Net MVC Development ▲	3	CSE122 **and** WDD121
CSE230	Advanced .Net Development ▲-	3	CSE229
		9	
Sixth Semester			
CIS125	Data Analysis and Decision Making ▲	3	CPD121
WDD226	Web Development with PHP and MySQL	3	CSE122 **and** WDD121
Technical Elective[3]		3	*Check for prerequisites*
		9	
Seventh Semester			
CPD224	Advanced Microsoft SQL Server Database	3	CPD123
CSE236	Analyzing Software Requirements and Developing Solutions	3	(CIS221 or CSE235 or CSE229 or CSE231 or CSE233 or WDD221 or WDD222 or WDD224 or WDD225 or WDD226) **and** CPD123
		6	
Eighth Semester			
Social and Behavioral Sciences Elective[2]		3	*Check for prerequisites*
Technical Elective[3]		3	*Check for prerequisites*
		6	
TOTAL CREDITS		**64**	

^Based upon SSC placement score

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

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

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

[1]Arts & Humanities Electives: ENG233, ENG234, ENG236, ENG237, HIS121, HIS122, PHL122

[2]Social and Behavioral Sciences Electives: PSC121, PSY121, PSY123, PSY124, PSY221, SOC121, SOC122, SOC123, SOC221, SOC225

[3]Technical Elective: CSE231, CSE233, CSE235, WDD221, WDD222