ASSOCIATE OF APPLIED BUSINESS

COMPUTER TECHNOLOGY

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.

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	pre-co-AOT226	
CIS221	Generating Reports for Decision Making▲-	3	pre-co-AOT226	
CIS223	IT Project Management▲+	3	ITD140	
CPD123	Structured Query Language	3	CPD121	
CPD224	Microsoft SQL Server Database Administration	3	CPD123	
CIS225	Advanced Data Analysis and Visualization	3	Pre-Co-CIS221	
CIS226	Advanced Topics in Data Analysis	3	Pre-Co-CIS221	
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	
ITD140	Digital Project Management^▲-	3	ITD100 or Proficiency	
	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*	
AOT226	Spreadsheet Microsoft Excel	3	ITD100 **or** Proficiency	
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)	
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 **or** MTH124	Quantitative Reasoning^ **or** Statistics^	3 **or** 3	*Check for prerequisites*	
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.

▲+ Spring 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: CFS136, CSE235, CSE237, NET120

Students completing this degree may be eligible to also receive a Computer Maintenance & Desktop Support Technician One-Year Certificate (5026) and a Data Analytics One-Year Certificate (5014).

FULL-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 full-time associate degree students who plan to finish in two years.

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
CPD121	Data Modeling and Database Design^	3	(IDS102 or Proficiency) **and** (ITD100 or Proficiency)
ITD140	Digital Project Management^▲-	3	ITD100 **or** Proficiency
WDD121	Internet Design and Development^	3	(IDS102 or Proficiency) **and** (ITD100 or Proficiency)
		13	

Second Semester			
AOT226	Spreadsheet Microsoft Excel	3	ITD100 **or** Proficiency
CPD123	Structured Query Language	3	CPD121
CIS223	IT Project Management▲+	3	ITD140
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	
or	**or**	**or**	*Check for prerequisites*
MTH124	Statistics^	3	
		18	

Summer Semester			
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
CIS125	Data Analysis and Decision Making▲	3	pre-co-AOT226
		6	

Third Semester			
CIS221	Generating Reports for Decision Making▲-	3	pre-co-AOT226
CPD224	Microsoft SQL Server Database Administration	3	CPD123
Social and Behavioral Sciences Elective[2]		3	*Check for prerequisites*
Technical Elective[3] ▲		3	*Check for prerequisites*
		12	

Fourth Semester			
CIS225	Advanced Data Analysis and Visualization	3	Pre-Co-CIS221
CIS226	Advanced Topics in Data Analysis	3	Pre-Co-CIS221
Arts & Humanities Elective[1]		3	*Check for prerequisites*
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
Technical Elective[3] ▲		3	*Check for prerequisites*
		15	
	TOTAL CREDITS	**64**	

See front page for footnotes