



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.

2024-25 Catalog
Effective Summer 2024

5000

Business, Engineering, and Information Technology 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	
CIS222	Data Acquisition and Analysis ▲ +	3	CIS125	
CIS223	IT Project Management ▲ +	3	ITD140	
CPD123	Structured Query Language	3	CPD121	
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	
ITD140	Digital Project Management ^ ▲ -	3	ITD100 or Proficiency	
	Select two (2) Technical Elective from the list below ³ ▲	6	Check for prerequisites	
Total		30		
NON-TECH Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
SSC101	Student Success Seminar ^^	1	Take first 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	
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	
ITD122	Computer Applications for Professionals ^	3	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)	
	Select one (1) Arts & Humanities Elective from the list below ¹	3	Check for prerequisites	
	Select one (1) Social and Behavioral Sciences Elective from the list below ²	3	Check for prerequisites	
Total		31		
TOTAL CREDIT HOURS		61		

^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).

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.

<u>First Semester</u>	<u>Credit Hours</u>	<u>Pre- and Co-requisites</u>
SSC101 Student Success Seminar^^	1	<i>Take first semester</i>
MTH118 Quantitative Reasoning^	3	Pre/Co-MTH018 or MTH022 or MTH023 or Proficiency
CPD121 Data Modeling and Database Design^	<u>3</u>	(IDS102 or Proficiency)
	7	and (ITD100 or Proficiency)
<u>Second Semester</u>		
ENG124 College Composition^	3	Co-ENG024 or Co-ENG011 or Proficiency
WDD121 Internet Design and Development^	3	(IDS102 or Proficiency)
CIS126 Fundamentals of Information Systems^	<u>3</u>	and (ITD100 or Proficiency)
	9	IDS102 or Proficiency
<u>Third Semester</u>		
CIS221 Generating Reports for Decision Making▲ -	3	CPD121
ITD140 Digital Project Management^▲ -	3	ITD100 or Proficiency
CPD123 Structured Query Language	<u>3</u>	CPD121
	9	
<u>Fourth Semester</u>		
CSE122 Programming Logic and Problem Solving^	3	(IDS102 or Proficiency)
ITD122 Computer Applications for Professionals^	3	and (ITD100 or Proficiency)
<i>Social and Behavioral Sciences Elective²</i>	<u>3</u>	ITD100 or Proficiency
	9	<i>Check for prerequisites</i>
<u>Fifth Semester</u>		
COM121 Effective Speaking	3	None
or	or	or
COM122 Interpersonal Communication	3	None
or	or	or
COM123 Small Group Communication^	3	IDS102 or Proficiency
CIS125 Data Analysis and Decision Making▲	<u>3</u>	CPD121
	6	
<u>Sixth Semester</u>		
CIS223 IT Project Management▲ +	3	ITD140
<i>Technical Elective³▲</i>	<u>3</u>	<i>Check for prerequisites</i>
	6	
<u>Seventh Semester</u>		
<i>Technical Elective³▲</i>	3	<i>Check for prerequisites</i>
CPD224 Advanced Microsoft SQL Server Database	3	CPD123
	6	
<u>Eighth Semester</u>		
CIS222 Data Acquisition and Analysis▲ +	3	CIS125
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
<i>Arts & Humanities Elective¹</i>	<u>3</u>	<i>Check for prerequisites</i>
	9	
TOTAL CREDITS	61	

^Based upon SSC placement score

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