ASSOCIATE OF APPLIED BUSINESS

WEB DESIGN AND DEVELOPMENT

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.

2025-26 Catalog

Effective Summer 2025

5100

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
CPD224	Microsoft SQL Server Database Administration	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	
WDD122	Web Graphics Design▲-	3	WDD121	
WDD221	Web Development with JavaScript▲+	3	CSE122 **and** WDD121	
WDD222	Advanced Cascading Style Sheets▲+	3	WDD121	
WDD223	Content Management System Design and Development▲	3	CPD121 **and** WDD121	
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	
WDD229	Advanced Web Design▲+	3	WDD122	
	Total	**30**		

NON-TECH Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
SSC101	Student Success Seminar^^	1	*Take first semester*	
CIS126	Fundamentals of Information Systems^	3	IDS102 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	
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 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

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

▲+ Spring only courses. Please see your academic advisor for availability.

▲ Courses vary by semester. 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

Students completing this degree may be eligible to also receive a Web Design One-Year Certificate (5125).

Revised 1-2025

FULL-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 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*
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
CIS126	Fundamentals of Information Systems^	3	IDS102 or Proficiency
WDD121	Internet Design and Development^	<u>3</u> **16**	(IDS102 or Proficiency) **and** (ITD100 or Proficiency)
Second Semester			
MTH118	Quantitative Reasoning^	3	Pre/Co-MTH018 or MTH022 or MTH023 or Proficiency
CPD123	Structured Query Language	3	CPD121
WDD221	Web Development with JavaScript ▲+	3	CSE122 **and** WDD121
WDD222	Advanced Cascading Style Sheets ▲+	3	WDD121
WDD224	Active Server Page Development	<u>3</u> **15**	CSE122 **and** WDD121
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
Arts & Humanities Elective[1]		<u>3</u> **6**	*Check for prerequisites*
Third Semester			
CPD224	Microsoft SQL Server Database Administration	3	CPD123
WDD122	Web Graphics Design ▲-	3	WDD121
WDD225	ASP .Net MVC Development ▲	3	CSE122 **and** WDD121
WDD223	Content Management System Design and Development ▲	<u>3</u> **12**	CPD121 **and** WDD121
Fourth Semester			
Social and Behavioral Sciences Elective[2]		3	
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
WDD226	Web Development with PHP and MySQL	3	CSE122 **and** WDD121
WDD229	Advanced Web Design ▲+	<u>3</u> **12**	WDD122
	TOTAL CREDITS	**61**	

^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.

▲+ Spring only courses. Please see your academic advisor for availability.

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

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

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