PROGRAM PLAN REQUIREMENTS
2024-25
IT - Software Developer - (101521)
Associate in Applied Science - 60.00 Credits

Catalog Nbr	Course Name	Prerequisites	Credits	Offered	Alt Courses
First Semester	**16.00 credit(s)**				
10152101	HTML 5	Coreq: College Success: On Course 10890100 OR admitted to Career and Technical Education Instruction plan OR not pursuing a degree	3.00	Fall/Spring	
10152111	C# Introduction to Programming		3.00	Fall/Spring	
10152168	Data Access for Programmers		3.00	Fall/Spring	
10890100	College Success: On Course		1.00	Summer/Fall/Spring	
10801195	Written Communication	Prereq: HS GPA 2.75+ OR ACPL Read 54+/Sent 83+, Next Gen Read 250+/Sent 250+, ACT Read 18+/Engl 18+ OR Read Prep 10838105/Sent Prep 10831103 OR Not pursuing a degree	3.00	Summer/Fall/Spring	10801136: English Composition 1
10804133	Math & Logic	Prereq: Arith – HS GPA 2.75+ OR ACPL 65+, Next Gen 263+, ACT Math 18+ OR Arith Prep 10834109 OR College Tech Math 1A 10804113 OR 10804115 College Tech Math 1 OR not in a program	3.00	Summer/Fall/Spring	

Catalog Nbr	Course Name	Prerequisites	Credits	Offered	Alt Courses
Second Semester	**15.00 credit(s)**				
10152114	Computer Programming C++	Prereq: C# Introduction to Programming 10152111 or not pursuing a degree	3.00	Fall/Spring	
10152116	C# Intermediate Programming	Prereq: Data Access for Programmers (10152168) AND C# Introduction (10152111) OR Computer Programming C++ (10152114)	3.00	Summer/Fall/Spring	
10152121	PHP	Prereq: C# Introduction to Programming 10152111 OR Modern JavaScript 10152134 OR JavaScript/jQuery 10152133; AND HTML 5 - 10152101; Coreq: Data Access for Programmers 10152168	3.00	Fall/Spring	
10152134	Modern JavaScript	Prereq: HTML 5 - 10152101 AND C# Introduction to Programming 10152111	3.00	Fall/Spring	
10152170	Data Administration Techniques	Prereq: Must earn a C or better in Data Access for Programmers 10152168	3.00	Fall/Spring	

Catalog Nbr	Course Name	Prerequisites	Credits	Offered	Alt Courses
Third Semester	**17.00 credit(s)**				
10107110	IT Career Experience	Prereq: 13 credits of IT Coursework (1015xxxx and/or 10107xxx)	2.00	Fall/Spring	

Catalog Nbr	Course Name	Prerequisites	Credits	Offered	Alt Courses
Third Semester	**17.00 credit(s)**				
10107158	Systems Analysis		3.00	Fall/Spring	
10152125	ASP.Net	Prereq: Active in IT-Software Developer plan AND C# Intermediate Programming 10152116 OR Active in IT-Web Development & Design Specialist plan AND PHP 10152121; Coreq: Cloud Software - ASP.Net 94152100	3.00	Fall/Spring	
10152180	Introduction to Mobile Development	Prereq: C# Introduction to Programming 10152111 AND HTML 5 - 10152101	3.00	Fall/Spring	
10801196	Oral/Interpersonal Comm	Prereq: HS GPA 2.75+ OR ACPL Read 54+/Sent 83+, Next Gen Read 250+/Sent 237+, ACT Read 18+/Engl 15+ OR Read Prep 10838105/Sent Prep 74851745 OR not pursuing a degree	3.00	Summer/Fall/Spring	10801198: Speech
10809199	Psychology of Human Relations	Prereq: HS GPA 2.75+ OR ACPL Read 54+/Sent 83+, Next Gen Read 250+/Sent 237+, ACT Read 18+/Engl 15+ OR Read Prep 10838105/Sent Prep 74851745 OR not pursuing a degree	3.00	Summer/Fall/Spring	10809198: Intro to Psychology

Catalog Nbr	Course Name	Prerequisites	Credits	Offered	Alt Courses
Fourth Semester	**12.00 credit(s)**				
10152108	Advanced Software Development	Prereq: ASP.Net 10152125, C# Intermediate Programming 10152116 AND Data Administration Techniques 10152170; Coreq: Cloud Software - Adv. Software 94152101	3.00	Fall/Spring	
10152126	Agile Development	Prereq: PHP (10152121) AND ASP .Net (10152125)	3.00	Fall/Spring	
10152182	Android Programming	Prereq: Introduction to Mobile Development (10152180)	3.00	Fall/Spring	
10809166	Intro to Ethics: Theory & App	Prereq: HS GPA 2.75+ OR ACPL Read 54+/Sent 83+, Next Gen Read 250+/Sent 237+, ACT Read 18+/Engl 15+ OR Read Prep 10838105/Sent Prep 74851745 OR not pursuing a degree	3.00	Summer/Fall/Spring	10809172: Intro to Diversity Studies 10809196: Intro to Sociology 10809197: Contemporary Amer Society

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Run Date: 3/21/2024

Data As Of: 3/20/2024

Report Folder: https://intranet.fvtc.edu/resources/reports/student/studentoperational/Production Reports

Filters applied to this report:

Academic Year: 2024-25

Academic Program: AAS - Assoc Applied Science Degree

Academic Plan: IT - Software Developer - (101521)

Internal Report Criteria: