

Computer Science and Information Technology



## CTE PATHWAYS AT MERIT (2024-25)

CONSTRUCTION AND STRUCTURAL SYSTEMS  Explorer Courses  Woods 1 - 0.5 Concentrator Courses  Completer Courses  CTE Internship - 0.5	BROADCASTING AND DIGITAL MEDIA Explorer Courses  Computer Programming 1 - 0.5 Computer Science Principles - 0.5 Digital Media 1 - 0.5 Web Development 1 - 0.5 Concentrator Courses Digital Audio 1 - 0.5 TV Broadcasting 1 - 0.5 Video Production 1 - 0.5 Completer Course CTE Internship - 0.5	MARKETING  Explorer Courses  Business Office Specialist - 0.5  Digital Media 1 - 0.5  Entrepreneurship - 0.5  Marketing 1 - 0.5  Web Development 1 - 0.5  Concentrator Courses  Digital Marketing CE - 0.5  Completer Courses  Business and Marketing Capstone - 0.5  CTE Internship - 0.5
Architecture and Construction	Arts, Audio/Visual Technology and Communications	Business, Finance and Marketing
PROGRAMMING AND SOFTWARE DEVELOPMENT Explorer Courses  Computer Programming 1 - 0.5 Computer Science Principles - 0.5 Information Technology, Intro - 0.5 Math 1050 CE - 0.5 Web Development 1 - 0.5 Concentrator Courses Computer Programming 2 - 0.5 Game Development Fundamentals 1 - 0.5 Completer Courses CTE Internship - 0.5	WEB DEVELOPMENT Explorer Courses  Computer Programming 1 - 0.5  Computer Science Principles - 0.5  Digital Media 1 - 0.5  Information Technology, Intro - 0.5  Math 1050 CE - 0.5  Web Development 1 - 0.5  Concentrator Courses  Web Development 2 - 0.5  Completer Course  Web Development, Advanced - 1.0  CTE Internship - 0.5	HEALTH SCIENCE Explorer Courses • Psychology CE - 0.5 Concentrator Courses • Emergency Medical Response - 0.5 Completer Courses • CTE Internship - 0.5

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Health Science

## CTE PATHWAYS AT MERIT (2024-25)

CULINARY ARTS Explorer Courses  Culinary 1 - 0.5 Concentrator Courses Culinary 2 - 0.5 Completer Courses CTE Internship - 0.5	
Hospitality and Tourism	

## CTE PATHWAYS AT MERIT (2025-26)

BROADCASTING AND DIGITAL MEDIA Explorer Courses  Computer Programming 1 - 0.5 Computer Science Principles - 0.5 Digital Media 1 - 0.5 Web Development 1 - 0.5 Concentrator Courses Digital Audio 1 - 0.5 TV Broadcasting 1 - 0.5 Video Production 1 - 0.5 Completer Course CTE Internship - 0.5	CONSTRUCTION AND STRUCTURAL SYSTEMS Explorer Courses • Woods 1 - 0.5 Concentrator Courses • Completer Courses • CTE Internship - 0.5	PROGRAMMING AND SOFTWARE DEVELOPMENT Explorer Courses  Computer Programming 1 - 0.5 Computer Science Principles - 0.5 Information Technology, Intro - 0.5 Math 1050 CE - 0.5 Web Development 1 - 0.5 Concentrator Courses Computer Programming 2 - 0.5 Game Development Fundamentals 1 - 0.5 Completer Courses CTE Internship - 0.5
WEB DEVELOPMENT Explorer Courses  Computer Programming 1 - 0.5 Computer Science Principles - 0.5 Digital Media 1 - 0.5 Information Technology, Intro - 0.5 Math 1050 CE - 0.5 Web Development 1 - 0.5 Concentrator Courses Web Development 2 - 0.5 Completer Course Web Development, Advanced - 1.0 CTE Internship - 0.5	HEALTH SCIENCE Explorer Courses • Psychology CE - 0.5 Concentrator Courses • Emergency Medical Response - 0.5 Completer Courses • CTE Internship - 0.5	CULINARY ARTS Explorer Courses  Culinary 1 - 0.5 Concentrator Courses Culinary 2 - 0.5 Completer Courses CTE Internship - 0.5  Hospitality, Events and Tourism

## CTE PATHWAYS AT MERIT (2025-26)

MARKETING Explorer Courses  Business Office Specialist - 0.5 Digital Media 1 - 0.5 Entrepreneurship - 0.5 Marketing 1 - 0.5 Web Development 1 - 0.5 Concentrator Courses Digital Marketing CE - 0.5 Completer Courses Business and Marketing Capstone - 0.5 CTE Internship - 0.5	
Marketing	