

COMPUTER INFORMATION SYSTEMS

Junior Web Developer Pathway Certificate

PROGRAM DESCRIPTION

The Junior Web Developer Pathway Certificate is designed to prepare students with web programming, web development, general problem-solving, and troubleshooting skills necessary to obtain entry-level work, or continue towards their AAS in Computer Information Systems.

PROGRAM OUTCOMES

Students who successfully complete the Certificate will:

1. Demonstrate the skill necessary for entry-level jobs in web development
2. Develop web development skills

CAREER CONSIDERATIONS

This Pathway Certificate is a short-term educational goal aimed towards specific areas in Computer Information Systems. This certificate will address the need for a logical pathway of success for students. A student will be able to earn the certification and then continue seamlessly on to the existing CIS program. Those who are already employed in the profession that want to upgrade their job skills in a specific area may also benefit from this certification. This certificate may lead to entry-level web developer jobs.

PROGRAM COURSE REQUIREMENTS

Year One

CIS195	Authoring for the World Wide Web I	4
CIS295	Authoring for the World Wide Web II	4
CIS275	Introduction to Database Management Systems I	4

Total Credits 12

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Microsoft Networking Support Technician Pathway Certificate

PROGRAM DESCRIPTION

The Microsoft Networking Support Technician Pathway Certificate is designed to prepare students with analyzing, designing, implementing, and supporting Windows Server computer skills, general problem-solving, and troubleshooting skills necessary to obtain entry-level work, or continue towards their AAS in Computer Information Systems.

PROGRAM OUTCOMES

Students who successfully complete the Certificate will:

1. Provide traditional technical support to users in a Microsoft desktop and server environment
2. Exhibit problem-solving and critical-thinking skills in an individual and/or team environment

CAREER CONSIDERATIONS

Students completing the courses necessary to earn the Microsoft Networking Support Technician Support certificate will possess the skills needed to analyze, design, implement, and support computers running the Windows Server in a small- to medium-sized standalone or domain-based environment; and exhibit problem-solving and critical thinking skills in an individual and/or team environment.

PROGRAM COURSE REQUIREMENTS

Year One

CIS 140M	Introduction to Microsoft Operating Systems	4
CIS 240M	Installing and Configuring Microsoft Windows Server	4
CIS 279M	Microsoft Windows Server Administration I	4
CIS 284	Network Security Fundamentals	4

Total Credits 16