

COMPUTER INFORMATION SYSTEMS

Junior Web Developer Pathway Certificate

PROGRAM MISSION

The Junior Web Developer certificate is to provide students with a quality education that motivates students to reach their full potential through up-to-date web development course content, and outstanding instruction.

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 Junior Web Developer Pathway 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

CIS 195	Authoring for the World Wide Web I	4
CIS 295	Authoring for the World Wide Web II	4
CIS 275	Introduction to Database Management Systems I	4

Total Credits 12

COMPUTER INFORMATION SYSTEMS

Microsoft Networking Support Technician Pathway Certificate

PROGRAM MISSION

The Microsoft Networking Support Technician certificate provides students with a quality education that motivates them to reach their full potential through up-to-date Windows desktop and Server administration course content, relevant lab experiences, and real-world work experience.

PROGRAM DESCRIPTION

The Microsoft Networking Support Technician Pathway Certificate is designed to prepare students to analyze, design, implement, and support Windows desktop systems and Servers. Students will also develop the 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 Microsoft Networking Support Technician Pathway 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 Windows desktops and Servers 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