

COMPUTER INFORMATION SYSTEMS

Junior Database Administrator Pathway Certificate

PROGRAM MISSION

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

PROGRAM DESCRIPTION

The Junior Database Administrator Pathway Certificate is designed to prepare students with database administration, database programming, 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 Database Administrator Pathway Certificate will:

1. Demonstrate the skills necessary for entry-level jobs in database administration
2. Develop database programming and administration 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 database programming and administrator jobs.

PROGRAM COURSE REQUIREMENTS

Year One

CIS 233CS	Introduction to Programming II	4
CIS 275	Introduction to Database Management Systems I	4
CIS 276	Introduction to Database Management Systems II	4

Total Credits 12

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Junior Programmer Pathway Certificate

PROGRAM MISSION

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

PROGRAM DESCRIPTION

The Junior Programmer Pathway Certificate is designed to prepare students with computer programming, 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 Programmer Pathway Certificate will:

1. Demonstrate the skills necessary for entry-level jobs in computer programming
2. Develop programming 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 programmer jobs.

PROGRAM COURSE REQUIREMENTS

Year One

CIS 122	Orientation to Programming	4
CIS 133CS	Introduction to Programming I	4
CIS 233CS	Introduction to Programming II	4

Total Credits 12