

MANAGEMENT INFORMATION SYSTEMS CERTIFICATE

Program code: MINF-CC

Location: Naugatuck Valley, Quinebaug Valley

Program Description

The MIS certificate will introduce students to an overview of programming, database and various MIS classes that can be applied to various business environments. Courses are designed to offer students positions in industry, advancement of career and will also provide a solid foundation for continuation of a two-year associate degree in Computer Information Systems Technology.

Certificate Learning Outcomes

1. Acquire a familiarization with terminology and structure of a programming language.
2. Demonstrate the ability to use software tools for program development.
3. Demonstrate a basic understanding of relational database concepts.
4. Preparedness to advance one's career, or move on to more advanced study in MIS, CIS, or related fields.

Certificate Requirements

Code	Title	Credits
Required Courses		
CIS 1001 or CIS 1141	Introduction to Computers Introduction to Management Information Systems	3
Choose one of the following:		3
CSC 1211	Java I	
CSC 1205	Visual Basic	
CSC 1203	Python Fundamentals	
Choose one of the following:		3
CIS 1211	Database Design I	
CSC 2235	Introduction to Database Design	
CSA 2112	Database Applications	
Directed Electives		
Choose three of the following:		9-11
CIS 1103	Computer Ethics	
CIS 1142	Information Systems in Organizations	
CIS 1143	Project Management	
CIS 2144	Systems Analysis and Design	
CSA 1111	Spreadsheet Applications	
CST 1111	Computer Hardware	
CST 1221	Networking I	
CYS 2111	Network Security	
ACCT Elective - Any ACCT course		
Total Credits		18-20

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