

## **(B40) Certificate**

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The management information systems (MIS) certificate consists of a core of courses which systematically edifies the students who are interested in professional careers relating to the analysis, design, implementation, and management of information systems in businesses. The courses integrate theory and case studies of the implementation of the various components of information systems. This certificate may also be the means for advancement to higher levels in employment and education.

### **Work and Employment**

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Employees who are involved in the management information systems area may have various backgrounds including general business, management, marketing, and computer science. This certificate will give those employees the additional knowledge to make effective decisions involving their company's information systems.

### **Program Contacts at Sauk Valley Community College**

Academic Advising, 815/835-6354;

Dr. Mary Lou Kidder, Professor of Computer Information Systems, 815/835-6358;

Kevin Megill, Associate Professor of Computer Information Systems, 815/835-6251;

Valarie Wittman, Professor of Computer Information Systems, 815/835-6388.

### **Major Field Requirements**

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- CIS - Elective 1 Semester hour(s)
  
- CIS 101 - Fundamentals of Computer Information Systems 3 Semester hour(s)
- CIS 130 - Information Systems Management 3 Semester hour(s)
- CIS 210 - Systems Analysis and Design 3 Semester hour(s)
- CIS 214 - Computer Operating Systems 3 Semester hour(s)
- CIS 229 - Database Management Systems 3 Semester hour(s)

Total Hours Required for Certificate: 16

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### **Suggested Program**

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First Semester - Sem/Hrs: 4

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CIS Elective 1 Semester hour(s)

- CIS 101 - Fundamentals of Computer Information Systems 3 Semester hour(s)

Second Semester - Sem/Hrs: 6

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- CIS 214 - Computer Operating Systems 3 Semester hour(s)
- CIS 229 - Database Management Systems 3 Semester hour(s)

Third Semester - Sem/Hrs: 6

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- CIS 130 - Information Systems Management 3 Semester hour(s)
- CIS 210 - Systems Analysis and Design 3 Semester hour(s)

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