

## **Course Descriptions CiE**

**Course code:**

tbd

**Course title:**

**Formal Management and Research Topics in Information Systems**

**Hours per week:**

**4 SWS**

**Number of ECTS Credits allocated/work load:**

**5 ECTS Credits**

**Semester:**

**2 -7 Bachelor Wirtschaftsinformatik**

**Course contents:**

**This course in information systems deals with organizational and technological foundations of information systems. This course will address the formal concepts of information systems and discuss current research topics. A clear understanding of, and breadth of knowledge regarding, both the theoretical principles and concepts of Information Systems, and the ability to apply these concepts and frameworks to today's managerial challenges. Students will gain an understanding of the role of information systems in managing organizations, and in helping organizations achieve greater effectiveness. Conceptual models and practical applications of IS in organizations are featured. An introduction will be presented to business processes and how Information Technology enables businesses to function more effectively.**

**Prerequisites:**

**Fundamentals of Information Systems**

**Objective of the course/learning outcome:**

**see Course Contents**

**Recommended Reading:**

**Will be announced later**

**Teaching methods:**

**Lecture**

**Assessment methods:**

**Studienarbeit & Kolloquium**

**Language of instruction:**

**English**

**Name of lecturer:**

**Prof. Dr. M. Gordon Hunter**

**Faculty of Management**

**University of Lethbridge, Alberta, Canada**

**Email:**

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**Link:**

**[http://www.cs.hm.edu/aktuelles/Flyer\\_Hunter\\_2009\\_SoSe.pdf](http://www.cs.hm.edu/aktuelles/Flyer_Hunter_2009_SoSe.pdf)**

**(includes Information about the Application Details and Target Start Date)**

## **Course Descriptions CiE**

**Course code:**

**tbd**

**Course title:**

**Management Information Systems for SME**

**Hours per week:**

**4 SWS**

**Number of ECTS Credits allocated/work load:**

**5 ECTS Credits**

**Semester:**

**2 -7 Bachelor Wirtschaftsinformatik**

**Course contents:**

**The course considers the issues, strategies, and tactics for managing the delivery of information systems and related services to the organization. Two major themes run throughout the course: the impact of changing technologies on the role of information systems and the relationship between information systems management, user management, and general management. In today's global economy, the survival of organizations depends upon flexible and agile management that responds to change better than competitors. Managers must anticipate and respond to unexpected events. This course provides students with an overview of technological change, and a foundation for planning, developing, adapting, and adopting strategies for implementing technology and managing change in today's work environment. A variety of management issues will be examined that are associated with technological change, and empirical studies relative to the management of technology and change. Although special attention will be given to the SME perspective the challenges of large organizations will be addressed also in detail. The overall objectives of the course are to emphasize the human aspect of technology and change management, and to provide the tools and background necessary to understand and interpret technological change and organizational development.**

**Prerequisites:**

## **Fundamentals of Information Systems**

**Objective of the course/learning outcome:  
see Course Contents**

**Recommended Reading:  
Will be announced later**

**Teaching methods:  
Lecture**

**Assessment methods:  
Studienarbeit & Kolloquium**

**Language of instruction:  
English**

**Name of lecturer:  
Prof. Dr. M. Gordon  
Faculty of Management  
University of Lethbridge, Alberta, Canada**

**Email:  
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**Link:  
[http://www.cs.hm.edu/aktuelles/Flyer\\_Hunter\\_2009\\_SoSe.pdf](http://www.cs.hm.edu/aktuelles/Flyer_Hunter_2009_SoSe.pdf)  
(includes Information about the Application Details and Target Start Date)**