Master of Science
Information and
Communication Technologies

University of Wisconsin-Stout

Julie A Furst-Bowe, Provost
Board of Regents Presentation
December 2006
Program Overview

- ICT: Study of the technology and applications used to manage and process information in organizations
- Designed in response to state, national and global needs for ICT professionals
- Designed for working adult students with bachelor’s degree in ICT or related field
- Designed to prepare working adults for increased leadership roles and with the knowledge, skills and abilities to perform at higher levels
Relation to UW-Stout Mission

- Graduate program leading to a professional career in management, and technology
- Approach to learning that involves theory, practice, involvement and experimentation
- Complementary existing program array
Program Need

- Five of the six fastest growing occupations for college educated employees relate to ICT
  - Wisconsin Bureau of Labor Statistics

- Projected 35 percent employment increase in internet service providers, web portals and data processing services

- Demand from UW-Stout undergraduates in information technology, multimedia, computer science, business, technology education
Program Design

- 30 Graduate Credits
- 15 credits in core courses
- 15 credits in a specialty area
  - Information Technology
  - Learning Technology
  - Visual Communications Technology
- Research component
Program Delivery

- Distance learning – cohort model
- Online courses supplemented by:
  - ITV courses and cohort meetings
  - Weekend courses at UW-Stout and locations across the state
- Coordinated by a program director
Program Objectives

Graduates will be able to:

- Discuss influences of ICT on a global economy and global social transformation
- Analyze current trends and issues in ICT
- Plan, use, evaluate and improve ICT systems
- Analyze the organization and operation of ICT enterprises
- Interpret and conduct research to expand the body of knowledge related to ICT
Career Opportunities

- Information Technology Management
  - Information Systems Managers
  - Data Communication Managers

- Learning Technology
  - Instructional Designers and Technologists

- Visual Communications Technology
  - Web Designer
  - E-Commerce Manager