

Electronic Course Authorization System (ECAS)
CSCI 4457 - VIEW COURSE PROPOSAL

Approvals Received: Department on 02-25-08 by Carol Ford (fordcj@umn.edu)

Approvals Pending: Curriculum Committee > Campus Assembly > Catalog

Effective Status: Active

Effective Term: 1089 - Fall 2008

Course: CSCI 4457

Institution: UMNMO - Morris

Career: UGRD

College: MDSM - Division of Science and Mathematics

Department: 242 - UMM-Sci & Math, Div of-Adm

General

Course Title Short: Systems: Ubiquitous Computing

Course Title Long: Systems: Ubiquitous Computing

Max-Min Credits for Course: 4.0 to 4.0 credit(s)

Catalog Description: Study of the mechanisms and environments of ubiquitous computing. Topics may include computer and network architectures for ubiquitous computing, mobile computing mechanisms, multimodal interaction, pervasive software systems, location mechanisms, techniques for security and user-authentication, and experimental ubiquitous computing systems.

Additional Course Information (for catalog production): <no text provided>

Grading Basis: Stdnt Opt

Honors Course: No

Delivery Mode(s): Classroom

Years most frequently offered: Other frequency

Term(s) most frequently offered: Fall, Spring

Component 1: LEC (no final exam)

Auto-Enroll Course: No

Graded Component: LEC

Academic Not allowed to bypass limits.

<u>Progress Units:</u>	4.0 credit(s)
<u>Financial Aid Progress Units:</u>	Not allowed to bypass limits. 4.0 credit(s)
<u>Repetition of Course:</u>	Repetition not allowed.
<u>Course Prerequisites for Catalog:</u>	3401 or #
<u>Course Equivalency:</u>	No course equivalencies
<u>Consent Requirement:</u>	No required consent
<u>Enforced Prerequisites:</u> (course-based or non-course-based)	No prerequisites
<u>Editor Comments:</u>	02.27.08 - Edited for PSoft. jlm
<u>Proposal Changes:</u>	<no text provided>
<u>History Information:</u>	<no text provided>
Assessment and Goals:	<no text provided>
<u>Rationale for Changes or Exceptions:</u>	RAPID ADVANCES IN DIGITAL ELECTRONICS HAVE MADE COMPUTERS FASTER, CHEAPER, AND SMALLER. VIRTUALLY UNLIMITED BANDWIDTH, ANYWHERE AND AT ANY TIME. THE RESULTING COMBINATION OF VIRTUALLY FREE COMPUTATION AND UBIQUITOUS NETWORK ACCESS HAS FUELED RESEARCH AND DEVELOPMENT IN UBIQUITOUS COMPUTING. THIS COURSE PROVIDES OUR STUDENTS A VENUE FOR EXPLORING THIS EMERGING TREND IN COMPUTING.

General Education

Faculty Sponsor Name:

Requirement this course fulfills: M/SR - M/SR Mathematical/Symbolic Reasoning

Provisional Approval: Not Requested

Regular Approval: Requested on Feb 25, 2008