

Revised 05/08/2009

PROPOSAL SUMMARY AND ROUTING FORM

Proposal Title: MISM Project Management Certificate

Initiating Unit or Individual: Information Systems Management

Contact Person's Name: Greg Gogolin e-mail: ismgreg@yahoo.com phone: 3159

Date or Term of Proposal Implementation: Spring 2011

- Group I - A – New degree/major or major, redirection of a current offering, or elimination of a degree, major or minor
- Group I - B – New minors or concentrations
- Group II - A – Minor curriculum clean-up and course changes
- Group II - B – New Course
- Group III - Certificates
- Group IV – Off-Campus Programs

Group/Individual	Signature	Date	Vote/Action *
Program Faculty	Greg Gogolin	2/09/10	4 Support 0 Support with Concerns 0 Not Support
Department Faculty	<i>Jim Worth</i>	2/24/10	16 Support 0 Support with Concerns 0 Not Support
Department Head	<i>James Worth</i>	2/24/10	Support Support with Concerns Not Support
College Curriculum Committee	<i>Ante Fagerman</i>	3/30/10	7 Support 0 Support with Concerns 0 Not Support
Dean	<i>phh</i>	3/30/10	Support Support with Concerns Not Support
University Curriculum Committee	<i>[Signature]</i>	4/19/10	Support 8-0 Support with Concerns Not Support
Senate	<i>Douglas Hummel</i>	6/9/10	Support Support with Concerns Not Support
Academic Affairs	<i>[Signature]</i>	6/10/10	Support Support with Concerns Not Support

* Support with Concerns or Not Support must include a list of specific concerns. Votes must be shown for faculty groups. Administrators check appropriate action taken.

To be completed by Academic Affairs		
President (Date Approved) _____	Board of Trustees (Date Approved) _____	President's Council (Date Approved) _____

1. Proposal Summary

This proposal is to create a graduate certificate in Project Management. This includes creating two new courses – MISM 650 Project Leadership and MISM 660 Project Risk and Quality Management and minor modifications to two existing courses; MISM 640 Project Management and MISM 634 Financial Management, to align with PMI accreditation criteria. Delivery will be primarily online.

The proposed certificate aligns with the Project Management Institute’s (PMI) Global Accreditation Center requirements for accreditation. Obtaining accreditation is a near term goal. This would be the only PMI accredited graduate program in Michigan. There is currently one PMI accredited undergraduate program (EMU – Construction Management). Ferris would also be positioned to be a Registered Education Provider of PMI PDU credit. The PMI has over 500,000 members in 185 countries in need of PDU credit.

This proposal positions the ISM program to service one of the fastest growing and largest job classifications in both Information Technology and Management. This project management emphasis is an effort to reinvigorate the ISM program and stimulate student interest. Project management has been cited as being among the top 5 jobs in America (CNNMoney.com, 2009).

The ISM program has two PMI certified Project Management Professionals (PMP), and two adjuncts that hold the PMP credentials, have either taught project management or are currently teaching project management for Ferris. These additional resources will provide staffing flexibility in delivering the program. The management department also has a PMP on staff.

2. Summary of All Course Action Required*

a. Newly Created Courses to FSU:

Prefix	Number	Title
MISM	650	Project Leadership
MISM	660	Project Risk and Quality Mgt

b. Courses to be Deleted From FSU Catalog:

Prefix	Number	Title
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c. Existing Course(s) to be Modified:

Prefix	Number	Title
MISM	634	Financial Management for Information Systems
MISM	640	Project Management

d. Addition of existing FSU courses to program

Prefix	Number	Title
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e. Removal of existing FSU courses from program

Prefix	Number	Title
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3. Summary of All Consultations

- Form B sent 2/16/2010 to Management Department (emailed to Karen Ottobre)
- Form B sent 2/16/2010 to Master in Nursing Program (emailed to Marietta Bell-Scriber)
- Form B UGPC sent 2/16/2010 to University Grad & Prof Council (emailed to Anita Fagerman)
- Form C sent 2/16/2010 to FLITE

4. Will External Accreditation be Sought? (For new programs or certificates only)

 X Yes No

If yes, name the organization involved with accreditation for this program.

Project Management Institute – Global Accreditation Center

5. Program check sheets affected by this proposal.

New Project Management Certificate Check Sheet, current MS-ISM and MBA Check Sheets.

Advanced Studies Certificate in Project Management End of Program Outcomes and Assessment Plan

One of the goals of this certificate is to gain accreditation from the Project Management Institute Global Accreditation Center. This includes satisfying topic coverage in each of the 9 areas in the Project Management Body of Knowledge: Integration, Scope, Time, Cost, Quality, Human Resources, Communication, Risk, and Procurement.

End of Program Outcomes:

1. Demonstrate an understanding of the Project Management Body of Knowledge including integration, scope, time, cost quality, human resources, communication, risk, and procurement.
2. Research leadership styles and context, and describe how it differs from management.
3. Assess projects for risk and construct risk management strategies using ethical approaches.
4. Construct project plans that demonstrate the appropriate level of understanding of all phases of the project management life cycle.

End of Program Assessment Plan:

1. Preparation and examination of student portfolios
2. Standardized assessments
3. Student surveys

CURRICULUM CONSULTATION FORM

To be completed by each department affected by the proposed change, new degree, new program, new minor, or new course. Potential duplication of coursework is reason for consultation.

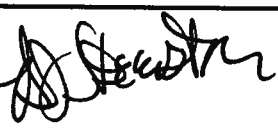
1. This completed form must be forwarded with the proposal to the chair/head of the department to be consulted.
2. The department must respond within 20 calendar days of receipt of this form to insure inclusion in the final proposal. The completed form is returned to the initiator and inserted into the proposal.

Failure to respond is interpreted as support for the proposal.

3. The Proposing Department must address any concerns raised by the department. This response will be in writing and be included in the proposal following the consultation form.

RE: Proposal Title MISM Project Management Certificate

<p>Initiator(s): <u>Information Systems Management</u></p> <p>Proposal Contact: <u>Greg Gogolin</u> Date Sent: _____</p> <p>Department: <u>AFIS</u> Campus Address: <u>IRC 212g</u> (Please print)</p>

<p>Responding Department: <u>Management</u></p> <p>Chair/Head/Coordinator: <u>David Steenstra</u> Date Returned: <u>3-31-10</u> </p>

Based upon department faculty review on _____ (date), we

- Support the above proposal.
- Support the above proposal with the modifications and concerns listed below.
- Do not support the proposal for the reasons listed below.

Comment regarding the impact this proposal has on scheduling, room assignments, faculty load, and prerequisites for your department. Use additional pages, if necessary.

CURRICULUM CONSULTATION FORM

To be completed by each department affected by the proposed change, new degree, new program, new minor, or new course. Potential duplication of coursework is reason for consultation.

1. This completed form must be forwarded with the proposal to the chair/head of the department to be consulted.
2. The department must respond within 20 calendar days of receipt of this form to insure inclusion in the final proposal. The completed form is returned to the initiator and inserted into the proposal.

Failure to respond is interpreted as support for the proposal.

3. The Proposing Department must address any concerns raised by the department. This response will be in writing and be included in the proposal following the consultation form.

RE: Proposal Title MISM Project Management Certificate

Initiator(s): Information Systems Management

Proposal Contact: Greg Gogolin Date Sent: _____

Department: AFIS Campus Address: IRC 212g
(Please print)

Responding Department: Nursing

Chair/Head/Coordinator: Marietta Bell-Scriver Date Returned: _____

Based upon department faculty review on _____(date), we

- Support the above proposal.
- Support the above proposal with the modifications and concerns listed below.
- Do not support the proposal for the reasons listed below.

Comment regarding the impact this proposal has on scheduling, room assignments, faculty load, and prerequisites for your department. Use additional pages, if necessary.

FLITE SERVICES CONSULTATION FORM

To be completed by the liaison librarian and approved by the Dean of FLITE. All returned forms should be included in the proposal. **FLITE must respond within 20 calendar days of receipt of this form to insure that the form is included in the final proposal.**

FAILURE TO RESPOND IS CONSIDERED AS SUPPORT OF THE CHANGE.

RE: Proposal Title: MISM Project Management Certificate

Projected number of students per year affected by proposed change: 75

Initiator(s): <u>Information Systems Management</u>
Proposal Contact: <u>Greg Gogolin</u> Date Sent: _____
Department: <u>AFIS</u> Campus Address: <u>IRC 212g</u> (Please print)

Liaison Librarian Signature: <u>David A Scott</u>	Date: <u>6-8-10</u>
Dean of FLITE Signature: <u>Leah M. Momy</u>	Date Returned: <u>6-8-10</u>

Based upon our review on _____ (date), FLITE concludes that:

- Library resources to support the proposed curriculum change are currently available.
- Additional Library resources are needed but can be obtained from current funds.
- Support, but significant additional Library funds/resources are required in the amount of \$_____.
- Does not support the proposal for reasons listed below.

Comment regarding the impact this proposal will have on library resources, collection development, programs, etc. Use additional pages if necessary.

CURRICULUM CONSULTATION FORM

For proposals affecting graduate and professional curricula

1. This completed form should be forwarded with the proposal to the chair of the University Graduate and Professional Council.
2. The University Graduate and Professional Council must respond within 20 calendar days of receipt of this form to insure inclusion in the final proposal. The completed form is returned to the initiator and inserted into the proposal.

Failure to respond is interpreted as support for the proposal.

3. The Proposing Department must respond to any concerns by the Council. This response will be in writing and be included in the proposal following the consultation form.

RE: Proposal Title MISM Project Management Certificate

Initiator(s): Greg Gogolin

Proposal Contact: Greg Gogolin Date Sent: _____

Department: AFIS Campus Address: IRC212g
(Please print)

Response from: Graduate and Professional Council

Chair: Anita Fagerman Date Returned: 3-30-10
AF

Based upon Graduate and Professional Council review on 3-30-10 (date), we

- Support the above proposal.
- Support the above proposal with the modifications and concerns listed below.
- Do not support the proposal for the reasons listed below.

Comment regarding the impact this proposal has on graduate and professional program issues at the university. Use additional pages, if necessary.

FORM D PROPOSED CHECK SHEET

Ferris State University – College of Business ACCOUNTING, FINANCE, AND INFORMATION SYSTEMS DEPARTMENT

Advanced Studies Certificate in Project Management – 12 credits

NAME: _____ CWI#: _____ MAJOR: _____

ASPM - ADVANCED STUDIES CERTIFICATE IN PROJECT MANAGEMENT – 12 Credits

The *Project Management* certificate is designed to prepare individuals for careers in project management in technical and non-technical fields. This certificate is accredited by the Project Management Institute’s Global Accreditation Center, and as such reduces the work experience for the Project Management Professional (PMP) certification by 1500 hours.

COURSE #	TITLE	CREDITS	TERM	GRADE
MISM 640	Project Management	3		
MISM 635	Financial Management for Information Systems Managers	3		
MISM 650	Project Leadership	3		
MISM 660	Project Risk and Quality Management	3		
SUBTOTAL		12		

NOTE: No more than 50% of the credits in this certificate may be transferred from another institution, nor, will this certificate be granted if more than 50% of the certificate credits are specifically required in the students major.

For more information, please contact the College of Business Graduate Programs Secretary or AFIS Department Head in College of Business - BUS 212, or phone (231) 591-2168.

NOTICE REGARDING WITHDRAWAL, RE-ADMISSION AND INTERRUPTION OF STUDIES

Students who return to the university after an interrupted enrollment (not including summer semester) must normally meet the requirements of the certificate which are in effect at the time of their return, not the requirements which were in effect when they were originally admitted.

NOTE: Successful completion of the Advanced Studies Certificate in Business Intelligence and Informatics requires a 3.0 cumulative GPA, and no course grade less than a 2.0.

Student Name: _____ Student ID: _____ Date: _____

Accounting, Finance & Information Systems Department Approval: _____ Date: _____

(To receive this certificate, you must request a certificate clearance from the AFIS Department in Bus 212)

Master of Science in Information Systems Management
TEN CORE COURSES REQUIRED

FORM D CURRENT CHECK SHEET

COURSE #	TITLE	CREDITS	TERM	GRADE
MMBA 601	Professional Skills Development	3		
MISM 610	Database Management and Administration	3		
MISM 629	Legal and Ethical Issues in Business	3		
MISM 634	Financial Management for Information Systems Managers	3		
MISM 640	Project Management	3		
MISM 661	Information Security/Assurance	3		
MISM 665	Management Information Systems	3		
MISM 670	Network Management & Design	3		
MISM 740	Business Intelligence (<i>prerequisite MISM 610</i>)	3		
MISM 799	Integrated Capstone Project (<i>prereq final semester or dept approval</i>)	3		

TWO ELECTIVE COURSES REQUIRED

(Electives for the MS-ISM degree may be selected in combination with core courses to complete Advanced Studies Certificates offered by the College of Business)

COURSE #	TITLE	CREDITS	TERM	GRADE
MISM 646	Systems Integration (<i>prerequisite MISM 610 & MISM 665</i>)	3		
MISM 659	Application Development (<i>prerequisites MISM 610</i>)	3		
MISM 662	Network Penetration Testing (<i>prerequisite MISM 661</i>)	3		
MISM 671	Advanced Network Management & Design (<i>prerequisite MISM 670</i>)	3		

TEN CORE COURSES REQUIRED	30
TWO ELECTIVE COURSES REQUIRED	6
TOTAL	36

A grade of C or better is required for a class to count toward the MS degree. Students must maintain an overall GPA of 3.0 or better to avoid dismissal from the MS-ISM program. An overall GPA of 3.0 or better is required to earn the MS degree.

MS-ISM Program Concentrations/Advanced Studies Certificates

ASSN - ADVANCED STUDIES CERTIFICATE IN SECURITY & NETWORKING – 12 Credits

The *Security & Networking* certificate is designed to prepare individuals with both theoretical and practical experience in designing and protecting local area networking systems, incorporating principles of information security, incident detection/reaction, and computer forensic tools and techniques (ranging from the servers to personal digital assistants).

COURSE #	TITLE	CREDITS	TERM	GRADE
MISM 661	Information Security/Assurance	3		
MISM 662	Network Penetration Testing (<i>prerequisite MISM 661</i>)	3		
MISM 670	Network Management & Design	3		
MISM 671	Advanced Network Management & Design (<i>prerequisite MISM 670</i>)	3		
SUBTOTAL		12		

ASSI - ADVANCED STUDIES CERTIFICATE IN E-BUSINESS AND SYSTEMS INTEGRATION – 12 Credits

The *E-Business and Systems Integration* certificate is designed to prepare individuals to select and determine information systems components, applications, database design and development, web application design and development, and to acquire the skills to develop and implement e-business applications.

COURSE #	TITLE	CREDITS	TERM	GRADE
MISM 610	Database Management and Administration	3		
MISM 646	Systems Integration (<i>prerequisite MISM 610 & MISM 665</i>)	3		
MISM 659	Application Development (<i>prerequisites MISM 610</i>)	3		
MISM 665	Management Information Systems	3		
SUBTOTAL		12		

MS-ISM Specialty Programs and Concentrations

Master of Business Administration (MBA) Concentrations

MS-ISM students may select the Advanced Studies Certificate in Management Tools & Concepts (ASTC) from the MBA program.

Five-year BS Accounting degree and MS-ISM toward CPA

Junior year Bachelor of Science in Accountancy program majors may apply for fourth and fifth year **dual enrollment in Accountancy MS-ISM**. Successful students earn their Bachelors, Masters, and satisfy the 150 minimum credit hours required to practice as a licensed Certified Public Accountant (CPA).

Master of Science Nursing (MSN) Concentrations

MS-ISM students who hold a RN license may select their elective courses from the MSN program. MSN students may select a 12 hour **Business Intelligence and Informatics Certificate** from the MS-ISM.

Master of Business Administration

FORM D CURRENT CHECK SHEET

FOUR FOUNDATION COURSES REQUIRED (may be waived for course competencies)

COURSE #	TITLE	CREDITS	TERM	GRADE
MMBA 601	Professional Skills Development	3		
MMBA 605	Numerical and Data Analysis	3		
MMBA 606	Financial & Accounting Systems & Analysis	3		
MMBA 607	Computational Tools, Techs, & Integrating Systems	3		

NINE CORE COURSES REQUIRED

COURSE #	TITLE	CREDITS	TERM	GRADE
MMBA 612	Introduction to Performance Metric Systems	3		
MMBA 625	Organizational Leadership and Corporate Citizenship	3		
MISM 629	Legal and Ethical Issues in Business	3		
MMBA 635	Organizational Resource Systems	3		
MMBA 710	Strategic Planning Systems (Prerequisite MMBA 612)	3		
MMBA 720	Global Business	3		
MMBA 730	Customer and Market Systems and Analysis (Prerequisite MMBA 612)	3		
MMBA 760	Process and Value Stream Management Systems (Prerequisite MMBA 612)	3		
MMBA 799	Integrated Business Experience (prerequisite final semester or dept approval)	3		

ONE INTERNSHIP (optional)

COURSE #	TITLE	CREDITS	TERM	GRADE
MMBA 691	Internship (prereqs MMBA 612 & 710, completion of 15 MBA credits & Dept approval)	3		

FOUR FOUNDATION COURSES REQUIRED (may be waived for course competencies)	0-12
NINE CORE COURSES REQUIRED	27
ONE ADVANCED STUDIES CERTIFICATE REQUIRED (from options below)	12
MBA INTERNSHIP (optional)	0-3
TOTAL	39-54

A grade of C or better is required for a class to count toward the MBA degree. Students must maintain an overall GPA of 3.0 or better to avoid dismissal from the MBA program. An overall GPA of 3.0 or better is required to earn the MBA degree.

MBA Program Concentrations/Advanced Studies Certificates

ASTC – ADVANCED STUDIES CERTIFICATE IN MANAGEMENT TOOLS AND CONCEPTS – 12 Credits

The *Management Tools and Concepts* certificate is designed to create process oriented business leaders that have a robust exposure to global business and organizational sustainability concepts and to enable the use of technical tools to aid in understanding business systems, developing improvement strategies, and leading and managing the change process.

COURSE #	TITLE	CREDITS	TERM	GRADE
MMBA 615	Quality Improvement Principles and Applications	3		
MISM 640	Project Management	3		
MMBA 745	Sustainability Development for Organizations	3		
MMBA ###	MMBA, MISM, or KDES Elective course	3		
SUBTOTAL		12		

ASDI – ADVANCED STUDIES CERTIFICATE IN DESIGN AND INNOVATION MANAGEMENT – 12 CREDITS

The *Design and Innovation Management* certificate prepares graduates for leadership positions in design-centered businesses. The program provides students a comprehensive understanding of the ways in which the method, measure, and language of design drive the practice of business and the process of innovation and teaches them how to cultivate and build a culture of innovation within their organization. **This certificate is offered at Kendall College of Art and Design in Grand Rapids.**

COURSE #	TITLE	CREDITS	TERM	GRADE
KDES 650	Design and Innovation Process Management	3		
KDES 651	Design Communication Management	3		
KDES 750	Sustainable Design and Systems	3		
KDES 751	Leadership by Design	3		
SUBTOTAL		12		

MBA Specialty Programs and Concentrations

Master of Science in Information Systems Management (MS-ISM) Concentrations

MBA students may also select Advanced Study Certificates in Security and Networking (ASSN), E-Business and Systems Integration (ASSI), or Business Intelligence and Informatics (ASBI) from the MS-ISM program.

Doctorate of Pharmacy (PharmD)/ MBA

Second year Doctorate of Pharmacy students meeting admission requirements and interested in corporate pharmacy, health systems, or pharmaceutical industry careers may pursue **concurrent PharmD and MBA degrees.**

Five-year BS Accounting degree and MBA toward CPA

Junior year Bachelor of Science in Accountancy program majors may apply for fourth and fifth year **dual enrollment in Accountancy and MBA.** Successful students earn their Bachelors, Masters, and satisfy the 150 minimum credit hours required to practice as a licensed Certified Public Accountant (CPA).

Master of Science Nursing (MSN) Concentrations

MBA students who hold a RN license may select a 12 hour concentration from the MSN program. MSN students may select a 12 hour **Administration Concentration** from the MBA.



Master of Business Administration

FOUR FOUNDATION COURSES REQUIRED (may be waived for course competencies)

COURSE #	TITLE	CREDITS	TERM	GRADE
MMBA 601	Professional Skills Development	3		
MMBA 605	Numerical and Data Analysis	3		
MMBA 606	Financial & Accounting Systems & Analysis	3		
MMBA 607	Computational Tools, Techs, & Integrating Systems	3		

NINE CORE COURSES REQUIRED

COURSE #	TITLE	CREDITS	TERM	GRADE
MMBA 612	Introduction to Performance Metric Systems	3		
MMBA 625	Organizational Leadership and Corporate Citizenship	3		
MISM 629	Legal and Ethical Issues in Business	3		
MMBA 635	Organizational Resource Systems	3		
MMBA 710	Strategic Planning Systems (Prerequisite MMBA 612)	3		
MMBA 720	Global Business	3		
MMBA 730	Customer and Market Systems and Analysis (Prerequisite MMBA 612)	3		
MMBA 760	Process and Value Stream Management Systems (Prerequisite MMBA 612)	3		
MMBA 799	Integrated Business Experience (prerequisite final semester or dept approval)	3		

ONE INTERNSHIP (optional)

COURSE #	TITLE	CREDITS	TERM	GRADE
MMBA 691	Internship (prereqs MMBA 612 & 710, completion of 15 MBA credits & Dept approval)	3		

THREE FOUNDATION COURSES REQUIRED (may be waived for course competencies)

THREE FOUNDATION COURSES REQUIRED (may be waived for course competencies)	0-12
NINE CORE COURSES REQUIRED	27
ONE ADVANCED STUDIES CERTIFICATE REQUIRED (from options on back)	12
MBA INTERNSHIP (optional)	0-3
TOTAL	39-54

Master of Science in Information Systems Management

TEN CORE COURSES REQUIRED

COURSE #	TITLE	CREDITS	TERM	GRADE
MMBA 601	Professional Skills Development	3		
MISM 610	Database Management and Administration	3		
MISM 629	Legal and Ethical Issues in Business	3		
MISM 634	Financial Management for Information Systems Managers	3		
MISM 640	Project Management	3		
MISM 661	Information Security/Assurance	3		
MISM 665	Management Information Systems	3		
MISM 670	Network Management & Design	3		
MISM 740	Business Intelligence (prerequisite MISM 610)	3		
MISM 799	Integrated Capstone Project (prereq final semester or dept approval)	3		

TWO ELECTIVE COURSES REQUIRED

(Electives for the MS-ISM degree may be selected in combination with core courses to complete Advanced Studies Certificates offered by the College of Business)

COURSE #	TITLE	CREDITS	TERM	GRADE
MISM 646	Systems Integration (prerequisite MISM 610 & MISM 665)	3		
MISM 659	Application Development (prerequisites MISM 610)	3		
MISM 650	Project Leadership	3		
MISM 660	Project Risk and Quality Management	3		
MISM 662	Network Penetration Testing (prerequisite MISM 661)	3		
MISM 671	Advanced Network Management & Design (prerequisite MISM 670)	3		

TEN CORE COURSES REQUIRED

TEN CORE COURSES REQUIRED	30
TWO ELECTIVE COURSES REQUIRED	6
TOTAL	36

A grade of C or better is required in all classes. An overall GPA of 3.0 or better must be maintained to avoid dismissal from either program. An overall GPA of 3.0 or better is required to earn the MBA or MS-ISM degree.

Graduate Honors Requirements: Distinction requires 3.75 to 3.89 overall GPA Highest Distinction requires 3.90 to 4.0 overall GPA

Five-year BS Accounting degree and MBA or MS-ISM toward CPA - Junior year Bachelor of Science in Accountancy program majors may apply for fourth and fifth year dual enrollment in Accountancy and MBA or MS-ISM. Successful students earn their Bachelors, Masters, and satisfy the 150 minimum credit hours required to practice as a licensed Certified Public Accountant (CPA).

Master of Science Nursing (MSN) Concentrations - MBA students who hold a RN license may select a 12 hour concentration from the MSN program. MSN students may select a 12 hour Administration Concentration or Business Intelligence & Informatics Certificate from the College of Business.

College of Business Advanced Study Certificate Options

A grade of C or better is required in all classes. No more than 50% of the credits in a certificate may be transferred from another institution, nor, will the certificate be granted if more than 50% of the certificate credits are specifically required in a student's major.

ASBI - ADVANCED STUDIES CERTIFICATE IN BUSINESS INTELLIGENCE & INFORMATICS – 12 Credits (not an option for MS-ISM students)

The *Business Intelligence and Informatics* certificate is designed to prepare individuals with both theoretical and practical experience in designing, developing and utilizing database and informatics systems, tools and techniques in a decision support environment.

COURSE #	TITLE	CREDITS	TERM	GRADE
MISM 610	Database Management and Administration	3		
MMBA 665	Information and Analysis Systems	3		
MISM 740	Business Intelligence (prerequisites MISM 610)	3		
MISM XXX	Technical MISM elective (advisor approval required)	3		
SUBTOTAL		12		

ASDI – ADVANCED STUDIES CERTIFICATE IN DESIGN AND INNOVATION MANAGEMENT – 12 CREDITS

The *Design and Innovation Management* certificate prepares graduates for leadership positions in design-centered businesses. The program provides students a comprehensive understanding of the ways in which the method, measure, and language of design drive the practice of business and the process of innovation and teaches them how to cultivate and build a culture of innovation within their organization.

COURSE #	TITLE	CREDITS	TERM	GRADE
KDES 650	Design and Innovation Process Management	3		
KDES 651	Design Communication Management	3		
KDES 750	Sustainable Design and Systems	3		
KDES 751	Leadership by Design	3		
SUBTOTAL		12		

ASPM - ADVANCED STUDIES CERTIFICATE IN PROJECT MANAGEMENT – 12 Credits (coming soon Spring 2011)

The *Project Management* certificate is designed to prepare individuals for careers in project management in technical and non-technical fields. This certificate is accredited by the Project Management Institute's Global Accreditation Center, and as such reduces the work experience for the Project Management Professional (PMP) certification by 1500 hours

COURSE #	TITLE	CREDITS	TERM	GRADE
MISM 640	Project Management	3		
MISM 634	Financial Management for Information Systems Managers	3		
MISM 650	Project Leadership	3		
MISM 660	Project Risk and Quality Management	3		

ASSI - ADVANCED STUDIES CERTIFICATE IN E-BUSINESS AND SYSTEMS INTEGRATION – 12 Credits

The *E-Business and Systems Integration* certificate is designed to prepare individuals to select and determine information systems components, applications, database design and development, web application design and development, and to acquire the skills to develop and implement e-business applications.

COURSE #	TITLE	CREDITS	TERM	GRADE
MISM 610	Database Management and Administration	3		
MISM 646	Systems Integration (prerequisite MISM 610 & MISM 665)	3		
MISM 659	Application Development (prerequisites MISM 610)	3		
MISM 665	Management Information Systems	3		
SUBTOTAL		12		

ASSN - ADVANCED STUDIES CERTIFICATE IN SECURITY & NETWORKING – 12 Credits

The *Security & Networking* certificate is designed to prepare individuals with both theoretical and practical experience in designing and protecting local area networking systems, incorporating principles of information security, incident detection/reaction, and computer forensic tools and techniques (ranging from the servers to personal digital assistants).

COURSE #	TITLE	CREDITS	TERM	GRADE
MISM 661	Information Security/Assurance	3		
MISM 662	Network Penetration Testing (prerequisite MISM 661)	3		
MISM 670	Network Management & Design	3		
MISM 671	Advanced Network Management & Design (prerequisite MISM 670)	3		
SUBTOTAL		12		

ASTC – ADVANCED STUDIES CERTIFICATE IN MANAGEMENT TOOLS AND CONCEPTS – 12 CREDITS

The *Management Tools and Concepts* certificate is designed to create business leaders that have a robust exposure to global business and organizational sustainability concepts and issues and to enable those leaders to use technical tools to aid in understanding business systems, developing improvement strategies, and leading and managing the change process.

COURSE #	TITLE	CREDITS	TERM	GRADE
MMBA 615	Quality Improvement Principles and Applications	3		
MMBA 640	Project Management	3		
MMBA 745	Sustainability for Organizations	3		
MMBA ###	MMBA, MISM, or KDES Elective course	3		
SUBTOTAL		12		

MODIFIED COURSE INFORMATION FORM

Course Identification:

Prefix:	Number	Title
MISM	634	Financial Management for Information Systems Managers

Course Description:

Students examine budgets and financial information from an IS/IT managerial perspective. The course includes discussion of basic financial statements and formulas and tools used for evaluating business financial issues. Financial tools and techniques are applied to situations commonly encountered by IS/IT managers. Also included is a discussion of the non-financial issues related to making business decisions (i.e., the balanced scorecard).

Course Outcomes and Assessment Plan:

Discuss the influence of qualitative and quasi-quantitative factors in making business decisions.

Assessment: Given a corporate profile, students will demonstrate use of the balanced scorecard to assess non-financial influences on a business model.

Evaluate actions occurring in financial and general business situations from an ethical perspective.

Assessment: Through on line research, students will examine and report on misuses and/or manipulation of financial information for a company.

Interpret a company's performance using financial statement analysis tools

Assessment: Given a set of corporate financial statements students will utilize various ratio analysis tools to evaluate the strengths and weaknesses revealed.

Perform an in depth analysis of managerial accounting concepts and utilize managerial accounting tools to make decisions common to IS/IT managers.

Assessment: Research paper or interview with managerial accountants and an IS/IT analysis project

Assess the role of budgets and budgeting, including capital investment and budgeting, in organizations and describe the way that organizations effectively use and interpret these tools.

Assessment: Research paper or interview relating to IS/IT issues.

Analyze and select appropriate situations for using activity-based costing for IS/IT projects or operations.

Assessment: Short project and/or examination

Estimate and be able to articulate the cost of IS/IT projects and quality, and demonstrate an understanding of mechanisms to control costs.

Assessment: Cost/benefit analysis project.

Plan, conduct, administer and close procurements.

Assessment: Scenarios, cases, situational analysis, and/or portfolio.

Course Outline including Time Allocation:

Course Outcome	Time Allocation
Discuss the influence of qualitative and quasi-quantitative factors in making business decisions.	10%
Evaluate actions occurring in financial and general business situations from an ethical perspective.	10%
Interpret a company's performance using financial statement analysis tools.	15%
Assess the significant differences between managerial and financial accounting and the role that managerial accounting plays in decision making for manufacturing, service, not-for-profit, and governmental organizations.	10%
Analyze and select appropriate situations for using activity-based costing for IS/IT projects and operations.	10%
Assess the role of budgets and budgeting, including capital investment and budgeting, in organizations and describe the way that organizations effectively use and interpret these tools.	10%
Estimate and be able to articulate the cost of IS/IT projects and quality, and demonstrate an understanding of mechanisms to control costs.	10%
Plan, conduct, administer and close procurements.	25%

MODIFY COURSE
Course Data Entry Form

FORM F

Modify Course
Rev. 07/23/07

I. ACTION TO BE TAKEN: MODIFY AN EXISTING COURSE

Notes:

1. Complete all parts of Sections I and II; complete only those items in Section III that represent changes.
2. If either prefix or number is being changed, use 'Delete Course' and 'Create New Course' forms rather than this form.

a. List the changes to be made (See Proposed Changes a through p below):

b. Term Effective (6 digit code only): Examples: 200801(Spring), 200805(Summer), 200808(Fall)
Note: The first four digits indicate year, the next two digits indicate month in which term begins.

II. CURRENT: Include information that is in the current course database.

a. Course Prefix b. Number c. Enter Contact Hours per week in boxes.
LECTure LAB INDEpendent Study - Check (x)
Practicum: Seminar:

d. Course Title:

III. PROPOSED CHANGES: Complete only those boxes that represent proposed changes identified in Section I. Leave all other spaces blank.

a. Course Prefix b. Number c. Enter Contact Hours per week in boxes.
LECTure LAB INDEpendent Study - Check (x)
Practicum: Seminar:

d. Course Title: (Limit to 30 characters/spaces.)

e. College Code: f. Department Code:

Credit Hours: Check (x) type and enter maximum and minimum hours in boxes.

g. Type: Variable Fixed h. Maximum Credit Hours i. Minimum Credit Hours

j. May Be Repeated for Added Credit: Check (x) Yes No

k. Levels: Check (x) Undergraduate Graduate Professional

l. Grade Method: Check (x) Normal Grading Credit/No Credit only (Pass/Fail)

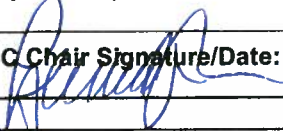
m. CATALOG DESCRIPTION - Limit to 75 words - PLEASE BE CONCISE.

Students examine budgets and financial information from an IS/IT managerial perspective. The course includes discussion of basic financial statements and formulas and tools used for evaluating business financial issues. Financial tools and techniques are applied to situations commonly encountered by IS/IT managers. Also included is a discussion of the non-financial issues related to making business decisions (i.e., the balanced scorecard).


n. Term(s) Offered: (See instructions for listing.) o. Max. Section Enrollment:

p. Prerequisites/Co-requisites/Restrictions: Limited to 100 spaces.

UCC Chair Signature/Date:

 4/19/10

Academic Affairs Approval Signature/Date:

 6/10/10

To be completed by Academic Affairs Office: - Standard & Measures Coding and General Education Code

Basic Skill (BS) General Education (GE) Occupational Education (OC) G.E. Codes

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Date Rec'd: _____ Date Completed: _____ Entered: SCACRSE __ SCADETL __ SCARRES __ SCAPREQ __

MODIFIED COURSE INFORMATION FORM

Course Identification:

Prefix:	Number	Title
MISM	640	Project Management

Course Description:

Students examine the project management framework, including project management context and processes. Topics include project management processes, knowledge areas, life cycles and standards. Particular emphasis is placed on project integration, scope and time management.

Course Outcomes and Assessment Plan:

1. Research the project management framework, context and processes and describe appropriate applications.
Assessment: Students will demonstrate project management framework, context and process knowledge through classroom exercises, assignments and/or assessments.
2. Construct project plans that demonstrate the appropriate of all phases of the project integration process.
Assessment: Given scenarios, students will construct project plans, evaluate situations, and provide solutions with work break down structures and supporting documentation.
3. Demonstrate an understanding of the scope and time management processes.
Assessment: Given a scenario or problem set, students will determine proper scope and time management response plans.
4. Evaluate projects, programs, and portfolios for contribution to overall organizational goals.
Assessment: Given a scenario or problem set, students will determine proper scope and time management response plans.

Course Outline including Time Allocation:

1. Project Management Framework, Context and Processes – 15%
 - a. Methodologies and Standards
 - b. Processes and Procedures
 - c. Tools and Templates
2. Project Integration – 25%
 - a. Developing Project Management Plan and Project Charters
 - b. Directing and Managing Project Execution
 - c. Project Monitoring and Control
 - d. Change Control
 - e. Project Closing
3. Scope and Management – 25%
 - a. Collect Requirements
 - b. Define Scope
 - c. Project Plans/Work Breakdown Structures
 - d. Verify and Control Scope
4. Time Management – 25%
 - a. Activity Definition and Sequencing
 - b. Resource Estimation
 - c. Activity Resource and Duration Estimation
 - d. Schedule Development
 - e. Schedule Control
5. Project, Program and Portfolio Evaluation – 10%
 - a. Metrics
 - b. Auditing
 - c. Communication

MODIFY COURSE

Course Data Entry Form

FORM F

Modify Course

Rev. 07/23/07

I. ACTION TO BE TAKEN: MODIFY AN EXISTING COURSE

Notes:

- 3. Complete all parts of Sections I and II; complete only those items in Section III that represent changes.
- 4. If either prefix or number is being changed, use 'Delete Course' and 'Create New Course' forms rather than this form.

a. List the changes to be made (See Proposed Changes a through p below):

b. Term Effective (6 digit code only): Examples: 200801(Spring), 200805(Summer), 200808(Fall)

Note: The first four digits indicate year, the next two digits indicate month in which term begins.

II. CURRENT: Include information that is in the current course database.

a. Course Prefix

b. Number

c. Enter Contact Hours per week in boxes.

LECTure LAB INDEpendent Study – Check (x)

Practicum: Seminar:

d. Course Title:

III. PROPOSED CHANGES: Complete only those boxes that represent proposed changes identified in Section I. Leave all other spaces blank.

a. Course Prefix

b. Number

c. Enter Contact Hours per week in boxes.

LECTure LAB INDEpendent Study – Check (x)

Practicum: Seminar:

d. Course Title: (Limit to 30 characters/spaces.)

e. College Code: f. Department Code:

Credit Hours: Check (x) type and enter maximum and minimum hours in boxes.

g. Type: Variable Fixed h. Maximum Credit Hours i. Minimum Credit Hours

j. May Be Repeated for Added Credit: Check (x) Yes No

k. Levels: Check (x) Undergraduate Graduate Professional

l. Grade Method: Check (x) Normal Grading Credit/No Credit only (Pass/Fail)

m. CATALOG DESCRIPTION – Limit to 75 words – PLEASE BE CONCISE.

Students examine the project management framework, including project management context and processes. Topics include project management processes, knowledge areas, life cycles and standards. Particular emphasis is placed on project integration, scope and time management.

n. Term(s) Offered: (See instructions for listing.) o. Max. Section Enrollment:

p. Prerequisites/Co-requisites/Restrictions: Limited to 100 spaces.

UCC Chair Signature/Date:

Academic Affairs Approval Signature/Date:

To be completed by Academic Affairs Office: - Standard & Measures Coding and General Education Code

Basic Skill (BS) General Education (GE) Occupational Education (OC) G.E. Codes

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NEW COURSE INFORMATION FORM

Course Identification:

Prefix:	Number	Title
MISM	650	Project Leadership

Course Description: This course will assess best practices on leadership and communication, as well as management of virtual teams in project management. Students will gain insights into their own leadership skills through assessments and case studies. The course will also examine various communication and conflict resolution techniques and the challenges of managing virtual teams and assess various team building tools and techniques. Related topics such as ethics and diversity will be included.

Course Outcomes and Assessment Plan:

1. Research leadership styles and context, and describe how it differs from management.
Assessment: Classroom exercises, case studies, assignments and/or assessments.
2. Construct project plans that demonstrate an understanding of HR planning, project team acquisition, project team development, and project team management.
Assessment: Given scenarios, students will construct project plans, evaluate situations, and provide solutions with supporting documentation and structures.
3. Construct and/or describe Communication Plans, Information Distribution methodologies, Stakeholder Expectation Management, and Performance Reports.
Assessment: Given a scenario or problem set, students will determine proper communication approach.
4. Distinguish social, cultural, diversity, and distance issues related to the management of traditional and virtual teams.
Assessment: Classroom exercises, case studies, assignments and/or assessments.
5. Develop team building plans and communicate ethical standards and requirements.
Assessment: Classroom exercises, case studies, assignments and/or assessments.

Course Outline including Time Allocation:

1. Leadership Styles and Context – 15%
 - a. Leadership
 - b. Management
2. Project Team Management – 25%
 - a. HR Planning
 - b. Project Team Acquisition
 - c. Project Team Development
 - d. Project Team Management
 - e. Project Closing
3. Communication plans – 25%
 - a. Information Distribution
 - b. Stakeholder Expectation Management
 - c. Performance Reports
4. Team Management – 25%
 - a. Cultural Issues
 - b. Diversity
 - c. Managing Distance
 - d. Virtual Teams
5. Team Building and Ethics – 10%
 - a. Methods
 - b. Legal and Ethical understanding
 - c. Metrics

CREATE NEW COURSE
Course Data Entry Form

FORM F

Create New Course
Rev. 07/23/07

I. ACTION TO BE TAKEN: CREATE A NEW COURSE

Notes

- 1. Complete each item in Section I and Section II.
- 2. If this course is to be used as a prerequisite for other university courses, Form Fs that reflect the prerequisite change must be submitted for those courses as well.

Term Effective (6 digit code only): 201101 Examples: 200801(Spring), 200805(Summer), 200808(Fall)

Note: The first four digits indicate year, the next two digits indicate month in which term begins.

II. PROPOSED FOR NEW COURSE: Complete all sections a through r. See manual for clarification.

a. Course Prefix

MISM

b. Number

650

c. Enter Contact Hours per week in boxes.

LECTure 3 LAB INDEpendent Study – Check (x)

Practicum: Seminar:

(Limit to 30 characters/spaces.)

d. Course Title: Project Leadership

e. College Code: BU

f. Department Code: MISM

Credit Hours: Check (x) type and enter maximum and minimum hours in boxes.

g. Type: Variable Fixed h. Minimum Credit Hours 3 i. Maximum Credit Hours 3

j. May Be Repeated for Added Credit: Check (x) Yes No

k. Levels: Check (x) Undergraduate Graduate Professional

l. Grade Method: Check (x) Normal Grading Credit/No Credit only (Pass/Fail)

m. Does proposed new course replace an equivalent course? Check (x) Yes No

n. Equivalent course: Prefix _____ Number _____ See instructions on Replacement courses.

o. CATALOG DESCRIPTION – Limit to 75 words – PLEASE BE CONCISE.

This course will assess best practices on leadership and communication, as well as management of virtual teams in project management. Students will gain insights into their own leadership skills through assessments and case studies. The course will also examine various communication and conflict resolution techniques and the challenges of managing virtual teams and asses various team building tools and techniques. Related topics such as ethics and diversity will be included.

p. Term(s) Offered: F,S (See instructions for listing.) q. Max. Section Enrollment: 20

r. Prerequisites/Co-requisites/Restrictions: (If none, leave blank.) Limited to 100 spaces. Graduate standing or instructor permission.

UCC Chair Signature/Date:

 4/19/10

Academic Affairs Approval Signature/Date:

 6/10/10

To be completed by Academic Affairs Office: - Standard & Measures Coding and General Education Code

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Proposed MISM 660 Project Risk and Quality Mgt

FORM E NEW COURSE INFORMATION FORM

Course Identification:

Prefix:	Number	Title
MISM	660	Project Risk and Quality Mgt

Course Description: This course will analyze and compose project risk management processes including risk identification, risk assessment (qualitative and quantitative), contingency planning, and risk mitigation strategies. This course will also evaluate project quality management including qualitative and quantitative approaches, identification of quality standards and goals for projects, and tools and techniques for monitoring quality. Ethical issues related to project risk and quality management will be discussed.

Course Outcomes and Assessment Plan:

1. Access projects for risk and construct risk management strategies using ethical approaches.
Assessment: Classroom exercises, case studies, assignments and/or assessments.
2. Analyze contingency and mitigation strategies for reducing project risk.
Assessment: Given scenarios, students will construct project plans, evaluate situations, and provide solutions with supporting documentation and structures.
3. Research qualitative and quantitative risk analysis approaches and develop risk response plans.
Assessment: Given a scenario or problem set, students will determine proper communication approach.
4. Compose plans to monitor and control project risk.
Assessment: Classroom exercises, case studies, assignments and/or assessments.
5. Develop quality plans and standards.
Assessment: Classroom exercises, case studies, assignments and/or assessments.
6. Design quality assurance and quality control methods, procedures and metrics.
Assessment: Classroom exercises, case studies, assignments and/or assessments.

Course Outline Including Time Allocation:

1. Risk Management Strategies – 15%
 - a. Risk Identification
 - b. Management
 - c. Reporting
 - d. Ethics
2. Reducing Risk – 25%
 - a. Contingency planning
 - b. Mitigation
 - c. Insurance
 - d. Monitoring
 - e. Controlling
3. Risk Analysis – 25%
 - a. Qualitative
 - b. Quantitative
 - c. Risk Response
4. Quality Plans – 25%
 - a. Standards
 - b. Benchmarking
5. Quality Assurance – 10%
 - a. Quality control methods
 - b. Procedures
 - c. Metrics

CREATE NEW COURSE
Course Data Entry Form

FORM F
Create New Course
Rev. 07/23/07

I. ACTION TO BE TAKEN: CREATE A NEW COURSE

Notes

- 1. Complete each item in Section I and Section II.
- 2. If this course is to be used as a prerequisite for other university courses, Form Fs that reflect the prerequisite change must be submitted for those courses as well.

Term Effective (6 digit code only): 201101 Examples: 200801(Spring), 200805(Summer), 200808(Fall)

Note: The first four digits indicate year, the next two digits indicate month in which term begins.

II. PROPOSED FOR NEW COURSE: Complete all sections a through r. See manual for clarification.

a. Course Prefix MISM b. Number 660 c. Enter Contact Hours per week in boxes.
LECTure 3 LAB INDEpendent Study – Check (x)

Practicum: Seminar:

d. Course Title: Project Risk and Quality Mgt (Limit to 30 characters/spaces.)

e. College Code: Bu f. Department Code: MISM

Credit Hours: Check (x) type and enter maximum and minimum hours in boxes.

g. Type: Variable Fixed h. Minimum Credit Hours 3 i. Maximum Credit Hours 3

j. May Be Repeated for Added Credit: Check (x) Yes No

k. Levels: Check (x) Undergraduate Graduate Professional

l. Grade Method: Check (x) Normal Grading Credit/No Credit only (Pass/Fail)

m. Does proposed new course replace an equivalent course? Check (x) Yes No

n. Equivalent course: Prefix _____ Number _____ See instructions on Replacement courses.

o. CATALOG DESCRIPTION – Limit to 75 words – PLEASE BE CONCISE.

This course will analyze and compose project risk management processes including risk identification, risk assessment (qualitative and quantitative), contingency planning, and risk mitigation strategies. This course will also evaluate project quality management including qualitative and quantitative approaches, identification of quality standards and goals for projects, and tools and techniques for monitoring quality. Ethical issues related to project risk and quality management will be discussed.

p. Term(s) Offered: F,S (See instructions for listing.) q. Max. Section Enrollment: 20

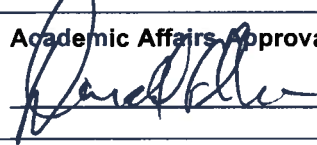
r. Prerequisites/Co-requisites/Restrictions: (If none, leave blank.) Limited to 100 spaces. Graduate standing or instructor permission.

UCC Chair Signature/Date:



4/19/10

Academic Affairs Approval Signature/Date:



6/10/10

To be completed by Academic Affairs Office: - Standard & Measures Coding and General Education Code

Basic Skill (BS) General Education (GE) Occupational Education (OC) G.E. Codes

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Date Rec'd: _____ Date Completed: _____ Entered: SCACRSE __ SCADETL __ SCARRES __ SCAPREQ __

MISM Project Mgt certificate

Greg Gogolin

to:

Paula L Hadley-Kennedy

06/03/2010 02:42 PM

Show Details

History: This message has been replied to.

Paula -

Just following up -

The UCC website shows this proposal going to the senate for information on 4/19/10. Has academic affairs signed off yet?

Greg

Greg Gogolin, Ph.D.

Professor

PMP, EnCE, CISSP, PI

Information Security & Intelligence

Ferris State University

<http://isi.ferris.edu>

University Curriculum Committee

M.C.C.	Addition of SURE 331	Approved, 8-0	Concerns raised by department faculty in humanities were discussed. This is an issue to which those who administer the program will need to attend.
M.C.C.	Delete CCHS 103	Approved, 8-0 EVotes	
Elimination of a program	Close Phlebotomy Program	Approved, 8-0 EVotes	With the understanding that the title will be changed to read "Close Phlebotomy Certificate Program."
Certificate	MISM Project Management Certificate	Approved, 8-0 pending.	Pending receipt of Form C for MISM 650, and MISM 660. Change checksheets to show MISM 640 as MISM 641. Paula has Form B from Management, and UGPC. Still need Form B from Nursing. Leonard will request missing forms, notify members of their receipt and any possible issues, and ask for an Evote.
New Course	ISIN 305 Developing a Web Presence	Approved, 8-0 pending	Pending receipt of Form C.
New Courses	Pharmacy Electives PHAR 466 and PHAR 470	Approved, 8-0 EVotes	
New Course	Elective APPEs	Approved, 8-0.	Program specific vs. course specific outcomes was discussed. The need to revise the Form E was also discussed.
M.M.C.	READ 176	Sent back.	Leonard will ask Helen to meet with Mitzi to revise the Form F.

V. Fall Meeting Times – to be determined.