

Revised 7/23/07

**PROPOSAL SUMMARY AND ROUTING FORM**

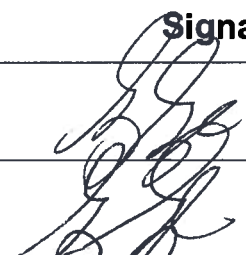

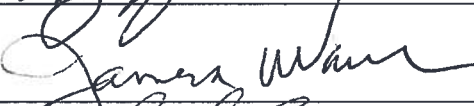
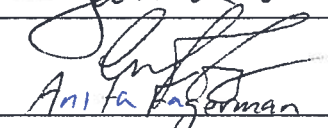
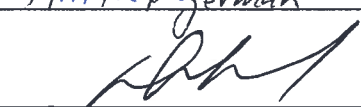

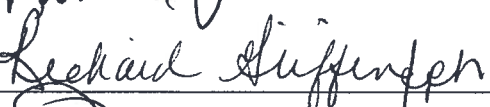
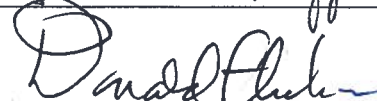
**Proposal Title: Information Security and Intelligence - Minor Curriculum Clean-up and new course**

Initiating Unit or Individual: Greg Gogolin

Contact Person's Name: Greg Gogolin e-mail: gogoling@ferris.edu phone: (231) 591-3159

Date or Term of Proposal Implementation: 2010 Spring

- 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		2/12/9	<u>3</u> Support <u>0</u> Support with Concerns <u>0</u> Not Support
Department Faculty		2/17/9	<u>16</u> Support <u>0</u> Support with Concerns <u>0</u> Not Support
Department Head		3/23/09	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
College Curriculum Committee		3-17-9	<u>7</u> Support <u>0</u> Support with Concerns <u>0</u> Not Support
Dean		3-26-09	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
University Curriculum Committee		3/31/09	<input checked="" type="checkbox"/> Support <u>7-0</u> <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
Senate		4/21/09	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
Academic Affairs		4/23/09	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support

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

<b>To be completed by Academic Affairs</b>		
President (Date Approved)	Board of Trustees (Date Approved)	President's Council (Date Approved)

REC'D APR 22 2009

## 1. Proposal Summary

The Information Security and Intelligence (ISI) program is now offered at Grand Rapids Community College and Northwestern Michigan Community College. Experience with the two community colleges, student feedback and consultation with faculty and prospective employers has provided suggestions for improvement.

1. Modify the existing cultural enrichment general education requirements to become the standard Ferris general education requirements, changing RELG 326 Western Religions and a year of foreign language from required to recommended. Some community colleges (including Northwestern) do not count the first year of foreign language toward a degree, and this would add an additional year of foreign language study to a student's program. Several current ISI students are Iraq war veterans that have had language and cultural training that provides an experience in cultural awareness. There are several courses that fit Ferris general education requirements that provide a valuable cultural perspective that the ISI program seeks.
2. Remove HIST 257 Terrorism in the Modern World from the program core. This course is currently only offered on the Big Rapids campus and does not serve the off campus ISI students. Additionally, there is a similar core ISI course, ISIN 330 Organized Crime, Gang and Terrorist Organizations, and HST 257 is redundant.
3. Delete ISIN220 Visual Analysis and replace it with new course ISIN300 Link and Visual Analysis. The course has been redirected to become a junior level course.
4. Add ISIN 491 Internship. Currently, ISI students enroll in ISYS 491 Internship. Establish the required internship course specific to the ISI program has been requested so that it can be properly scheduled to address the needs of ISI students.

## 2. Summary of All Course Action Required\*

### a. Newly Created Courses to FSU

Prefix	Number	Title
ISIN	300	Link and Visual Analysis
ISIN	491	Internship

### b. Courses to be Deleted From FSU Catalog:

Prefix	Number	Title
ISIN	220	Visual Analysis and Investigations

### c. Existing Course(s) to be Modified:

Prefix	Number	Title
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### d. Addition of existing FSU courses to program

Prefix	Number	Title
None		

None

### e. Removal of existing FSU courses from program

Prefix	Number	Title
HIST	257	Terrorism in the Modern World
RELG	326	Western Religions

## Existing Checksheet

### Foreign language requirement

# Information Security and Intelligence, B.S.

The Information Security and Intelligence degree prepares you for a variety of career possibilities in fields that allow you to see your contribution in action. Computer Forensics, Fraud Investigation, Information Security, Intelligence, and Terrorism and Criminal Analysis are a few of the possibilities. Opportunities exist in government, business, security, intelligence, health care, insurance, education and several other fields.

### Major Core Requirements

Required Courses	Course Title- FSU Prerequisites Shown in Parentheses ( )	FSU	Grade
STQM 200	Introduction to Data Mining (MATH 115 or 24 ACT)	3	
STQM 260	Introduction to Statistics (MATH 115 or 24 ACT)	3	
STQM 360	Risk Analysis and Strategy	3	
ACCT 201	Principles of Accounting	3	
ISYS 200	Database Design and Implementation	3	
ISYS 411	Project Management (Senior Status)	3	
ISIN 200	All Things Digital	3	
HSCJ 202	Principles of Information Security	3	
HSCJ 210	Digital Forensics and Incident Response	3	
HSCJ 317	Fraud Examination	3	
ISIN 330	Organized Crime, Gang and Terrorist Organizations	3	
ISIN 429	Legal & Ethical Issues in Information Security	3	
PREL 240	Public Relations Principles (ENGL 150)	3	
HIST 257	Terrorism in the Modern World (ENGL 250)	3	
GISC 225	Principles of Geographic Information Systems	3	
ISIN 220	Visual Analysis and Investigations	3	
ISIN 301	Data Intelligence Competitive Theory (ISIN 220, ISYS 200)	3	
ISYS 491	Internship	3	
ISIN 499	Capstone Experience (Senior Standing)	3	
Total Major Credits Required		57	
<b>Choose one of the following Concentration Options or an approved minor</b>			
<b>Option #1: Digital Forensics Concentration – 12 credits required</b>			
HSCJ 315	Advanced Digital Forensics and Response (HSCJ 210)	3	
ISYS 371	Advanced Database Design & Implementation (ISYS 200)	3	
ISYS 325	Networking Essentials (ISYS 105)	3	
ISYS 277	Linux Network Administration	3	
<b>Option #2: National Security Concentration – 14 credits required</b>			
ISIN 350	Organizational Planning and Security Measures (HSCJ 202)	3	
	Directed elective in security	3	
	2 <sup>nd</sup> year competence in a foreign language	3	
<b>Option #3: Intelligence: GIS and Data Mining Concentration – 12 credits</b>			
STQM 342	Data Mining Tools (STQM 200)	3	
STQM 380	Data Mining Processes (STQM 342)	3	
GISC 282	Geographic Information Systems 2 (GISC 225)	3	
GISC 382	Geographic Information Systems Data Analysis & Specialization (GISC 282)	3	
Total Concentration Credits Required		12 - 14	
<b>Directed Electives 6– 9 Credits Required ( to total 120 credits)</b>			
<b>Discuss with Advisor. 300-400 level classes may be needed here to fulfill the 40 credit 300-400 level requirements in the degree</b>			

## General Education Requirements

Required Courses	Course Title - FSU Prerequisites Shown in Parentheses ( )	FSU	Grade
<b>Communication Competence—15 Semester Hours Required</b>			
COMM ELEC	COMM 105, Interpersonal Communication or COMM 121, Fundamentals of Public Speaking		3
ENGL 150	English 1		3
ENGL 250	English 2 (ENGL 150)		3
ENGL	Select one: ENGL 311 or ENGL 321 or ENGL 325		3
<b>Scientific Understanding—7 to 8 Semester Hours Required</b>			
	Scientific Understanding with Lab		4
	Scientific Understanding		3-4
<b>Quantitative Skills</b>			
MATH 115	Intermediate Algebra		3
<b>Cultural Enrichment</b>			
	Foreign language (first semester) Fulfills Global Consciousness requirement.		4
	Foreign language (second semester)		4
RELG 326	Western Religions (ENGL 150)		3
<b>Social Awareness</b>			
			3
			3
			3
<b>Minimum of 42 - 43 General Education Hours Required</b>			

- Race/Ethnicity/Gender satisfied by \_\_\_\_\_
- Global Awareness satisfied by \_\_\_\_\_

# PROPOSED CHECKSHEET

## Ferris State University – College of Business Bachelor of Science Degree in Information Security & Intelligence 120 Credits Required

The Information Security and Intelligence degree prepares you for a variety of career possibilities in fields that allow you to see your contribution in action. Computer Forensics, Fraud Investigation, Information Security, Intelligence, and Terrorism and Criminal Analysis are a few of the possibilities. Opportunities exist in government, business, security, intelligence, health care, insurance, education and several other fields.

### Major Core Requirements

Required Courses	Course Title FSU Prerequisites Shown in Parentheses ( )	FSU S. H.	Grade
STQM 200	Introduction to Data Mining (MATH 115 or 24 ACT)	3	
STQM 260	Introduction to Statistics (MATH 115 or 24 ACT)	3	
STQM 360	Risk Analysis and Strategy	3	
ACCT 201	Principles of Accounting	3	
ISYS 200	Database Design and Implementation (ISYS 105)	3	
ISYS 411	Project Management (Senior Status)	3	
ISIN 200	All Things Digital	3	
HSCJ 202	Principles of Information Security	3	
HSCJ 210	Digital Forensics and Incident Response (HSCJ 202)	3	
HSCJ 317	Fraud Examination	3	
ISIN 330	Organized Crime, Gang and Terrorist Organizations	3	
ISIN 429	Legal & Ethical Issues in Information Security PRE 240 is missing	3	
GISC 225	Principles of Geographic Information Systems	3	
PREL 240	Public Relations Principles (ENGL 150)	3	
ISIN 300	Link & Visual Analysis	3	
ISIN 301	Data Intelligence Competitive Theory (ISIN 300, ISYS 200)	3	
ISIN 491	Internship	3	
ISIN 499	Capstone Experience (Senior Standing)	3	
<b>Total Major Credits Required</b>			<b>54</b>
<b>Choose one of the following Concentration Options or an advisor approved alternative.</b>			
<b>Option #1: Digital Forensics Concentration – 15 credits required</b>			
HSCJ 315	Advanced Digital Forensics and Response (HSCJ 210)	3	
ISYS 216	Intro to Java Programming (ISYS 105)	3	
ISYS 371	Advanced Database Design & Implementation (ISYS 200 & ISYS 216)	3	
ISYS 325	Networking Essentials (ISYS 105)	3	
ISYS 277	Linux Network Administration (ISYS 105)	3	
<b>Option #2: National Security Concentration – 14 credits required</b>			
ISIN 350	Organizational Planning and Security Measures (HSCJ 202)	3	
	Directed elective in security	3	
	2 <sup>nd</sup> year competence in a foreign language	8	
<b>Option #3: Intelligence: GIS and Data Mining Concentration – 12 credits</b>			
STQM 342	Data Mining Tools (STQM 200)	3	
STQM 380	Data Mining Processes (STQM 342)	3	
GISC 282	Geographic Information Systems 2 (GISC 225)	3	
GISC 382	Geographic Information Systems Data Analysis & Specialization (GISC 282)	3	
<b>Total Concentration Credits Required</b>			<b>12 - 15</b>
<b>Directed Electives 10-14 Credits Required ( to total 120 credits)</b>			
Discuss with Advisor. 300-400 level classes may be needed here to fulfill the 40 credit 300-400 level requirements in the degree			

Proposed Revision

# PROPOSED CHECKSHEET

## Ferris State University – College of Business Bachelor of Science Degree in Information Security & Intelligence 120 Credits Required

### General Education Requirements (40-41 hours)

Required Courses	Course Title FSU Prerequisites Shown in Parentheses ( )	S.H.	Grade
<b>Communication Competence—12 Credits Required</b>			
COMM 105 or COMM 121 or COMM 201	Interpersonal Communication Fundamentals of Public Speaking Public Presentation Practice	3	
ENGL 150	English 1	3	
ENGL 250	English 2	3	
ENGL 311 or ENGL 321 or ENGL 325	Advanced Technical Writing Advanced Composition Advanced Business Writing	3	
<b>Scientific Understanding – 7 to 8 Credits Required - Consult Ferris website - <a href="http://www.ferris.edu/HTMLS/academics/gened/scicourses.html">http://www.ferris.edu/HTMLS/academics/gened/scicourses.html</a></b>			
	Scientific Understanding Elective with Lab	4	
	Scientific Understanding Elective (Lab or Non-Lab)	3 or 4	
<b>Quantitative Skills – 3 Credits Required - Consult Ferris website - <a href="http://www.ferris.edu/HTMLS/academics/gened/bsquant.html">http://www.ferris.edu/HTMLS/academics/gened/bsquant.html</a></b>			
MATH 115	Intermediate Algebra	3	
<b>Cultural Enrichment – 9 Credits Required – Consult Ferris website - <a href="http://www.ferris.edu/HTMLS/academics/gened/cultcourses.html">http://www.ferris.edu/HTMLS/academics/gened/cultcourses.html</a></b>			
	Cultural Enrichment Elective (Foreign Language recommended)	3	
	Cultural Enrichment Elective	3	
	Cultural Enrichment Elective (200 level or above)	3	
<b>Social Awareness – 9 Credits Required – Consult Ferris website - <a href="http://www.ferris.edu/HTMLS/academics/gened/soccourses.html">http://www.ferris.edu/HTMLS/academics/gened/soccourses.html</a></b>			
	Social Awareness Elective	3	
	Social Awareness Elective	3	
	Social Awareness Elective (200 level or above)	3	
<ul style="list-style-type: none"> <li>• Race/Ethnicity/Gender satisfied by _____</li> <li>• Global Awareness satisfied by _____</li> </ul>			

**FORM B**

Rev.7/23/07

**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:** Information Security and Intelligence - Minor Curriculum Clean-up and new course

<p><b>Initiator(s):</b> Greg Gogolin</p> <p><b>Proposal Contact:</b> Greg Gogolin <b>Date Sent:</b> 2/16/09</p> <p><b>Department:</b> COB - AFIS <b>Campus Address:</b> IRC 212G (Please print)</p>
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<p><b>Responding Department:</b> Languages &amp; Literature</p> <p>Chair/Head/Coordinator: Genevieve West Date Returned: _____ </p>
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Based upon department faculty review on 2/20/09 (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.

**FORM B**

Rev.7/23/07

**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:** Information Security and Intelligence - Minor Curriculum Clean-up and new course

<p><b>Initiator(s):</b> Greg Gogolin</p> <p><b>Proposal Contact:</b> Greg Gogolin <b>Date Sent:</b> 2/16/09</p> <p><b>Department:</b> COB - AFIS <b>Campus Address:</b> IRC 212G (Please print)</p>
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<p><b>Responding Department:</b> Humanities</p> <p>Chair/Head/Coordinator: Grant Snider Date Returned: _____</p>
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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:** Information Security and Intelligence - Minor Curriculum Clean-up and new course

**Projected number of students per year affected by proposed change:** 65

**Initiator(s):** Greg Gogolin

**Proposal Contact:** Greg Gogolin **Date Sent:** 2/16/09

**Department:** COB - AFIS **Campus Address:** IRC 212G  
(Please print)

**Liaison Librarian Signature:** David A Scott

**Date:** 2-18-09

**Dean of FLITE Signature:** Paul M. Money

**Date Returned:** 2-19-09

Based upon our review on 2-18-09 (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.**

## NEW COURSE INFORMATION FORM

### Course Identification:

<b>Prefix:</b>	<b>Number</b>	<b>Title</b>
<b>ISIN</b>	<b>300</b>	<b>Link and Visual Analysis</b>

**Course Description:** Transformation of information into a visual format for analysis, interpretation, reporting and presentation. Students apply link and visual analysis techniques to investigative processes involved in gathering information, as well as develop techniques and strategies to work through digital implications for dealing with data from multiple sources. Analysis of digital data such as phone and financial records, surveillance information and visual media.

### Course Outcomes:

- 1) Describe and apply the visual analysis and investigative process.  
Assessment: Objective testing, team role-play analysis, scenario study &/or project assessment.
- 2) Construct a visual analysis environment for data investigation. Assessment: Objective testing, team role-play analysis, scenario study &/or project assessment.  
Assessment: Objective testing, team role-play analysis, scenario study &/or project assessment.
- 3) Demonstrate how to utilize a visual analysis environment for information interpretation.  
Assessment: Objective testing, team role-play analysis, scenario study &/or project assessment.
- 4) Evaluate and interpret temporal and associative characteristics of information.  
Assessment: Objective testing, team role-play analysis, scenario study &/or project assessment.
- 5) Discuss the history of intelligence and major events that have shaped it.  
Assessment: Objective testing, team role-play analysis, scenario study &/or project assessment.

### Course Outline including Time Allocation:

1. Link and visual analysis. (30% time allocation)
  - a. Conceptual Framework.
  - b. Principles and process of investigation.
  - c. Technologies.
  - d. Methodology.
2. The visual analysis environment. (30% time allocation)
  - a. Procedures and Protocols.
  - b. Data and Information.
  - c. Process.
3. Temporal and Associate Analysis. (30% time allocation)
  - a. Proper time analysis techniques.
  - b. Interpreting associative and network relationships.
  - c. External factors.
  - d. Cause and effect.
4. Visual and Media Presentation. (10% time allocation)

**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): 201001

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

a. Course Prefix ISIN      b. Number 300      c. Enter Contact Hours per week in boxes.  
LECTure 3      LAB       INDEpendent Study – Check (x)

Practicum:       Seminar:

d. Course Title: Link and Visual Analysis (Limit to 30 characters/spaces.)

e. College Code BU      f. Department Code: AFIS

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** – Transformation of information into a visual format for analysis, interpretation, reporting and presentation. Students apply link and visual analysis techniques to investigative processes involved in gathering information, as well as develop techniques and strategies to work through digital implications for dealing with data from multiple sources. Analysis of digital data such as phone and financial records, surveillance information and visual media.

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

LIMITED BY  
AVAILABLE SOFTWARE  
LICENSES.

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

UCC Chair Signature/Date:

Academic Affairs Approval Signature/Date:

[Signature]      3,31,09

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_

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

**Office of the Registrar use ONLY**

Date Rec'd: \_\_\_\_ Date Completed: \_\_\_\_ Entered: SCACRSE \_\_ SCADETL \_\_ SCARRES \_\_ SCAPREQ \_\_

**NEW COURSE INFORMATION FORM**

**Course Identification:**

<b>Prefix:</b>	<b>Number</b>	<b>Title</b>
<b>ISIN</b>	<b>491</b>	<b>Internship</b>

**Course Description:**

Work experience with cooperating employer organizations in business, industry, government, and education. The work experience is designed to be relevant to the student's academic pursuits, personal development, and professional preparation. The work experience must last a minimum of 15 weeks with the total hours worked approved by the department head. Pre-Requisites: Department Approval. Typically Offered Fall, Spring and Summer

**Course Outcomes:**

Internship Objectives and Outcomes will be predetermined with employer & advisor, program coordinator or department head for each student prior to approval.

**Course Assessment Plan:**

Student will document and assess work experience.  
Advisor will review student internship with internship supervisor.

**Course Time Allocation:**

Determined in consultation with internship employer, advisor and student.

**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

- 3. Complete each item in Section I and Section II.
- 4. 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): 200908 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 ISIN
- b. Number 491
- c. Enter Contact Hours per week in boxes.  
LECTure  LAB  INDEpendent Study – Check (x)   
Practicum: 240 Seminar:
- d. Course Title: Internship (Limit to 30 characters/spaces.)

- e. College Code bu f. Department Code: AFIS
- 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.**

Work experience with cooperating employer organizations in business, industry, government, and education. The work experience is designed to be relevant to the student's academic pursuits, personal development, and professional preparation. The work experience must last a minimum of 15 weeks with the total hours worked approved by the department head. Pre-Requisites: Department Approval.

p. Term(s) Offered: Fall, Spring, Summer (See instructions for listing.) q. Max. Section Enrollment: 25

r. Prerequisites/Co-requisites/Restrictions: Junior standing and advisor approval.

UCC Chair Signature/Date:

Academic Affairs Approval Signature/Date:

 3/31/09

 4/29/09

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

Office of the Registrar use ONLY

Date Rec'd: \_\_\_ Date Completed: \_\_\_ Entered: SCACRSE \_\_\_ SCADETL \_\_\_ SCARRES \_\_\_ SCAPREQ \_\_\_

**DELETE COURSE**  
Course Data Entry Form

**FORM F**

Delete Course  
Rev. 7/23/07

**I. ACTION TO BE TAKEN: DELETE COURSE FROM CATALOG.**

Note: Complete each section.

The course described below will be moved to inactive status.

a. Term Effective: Term Spring Year 2010 See instructions.

**II. CURRENT COURSE TO BE DELETED FROM THE ACTIVE STATUS:**

Include the information that is in the current course database.

a. Course Prefix ISIN      b. Number 220      c. Enter Contact Hours per week in boxes.  
LECTure 3      LAB       INDEPENDENT Study – Check (x)   
Practicum:       Seminar:

d. Full Course Title: Visual Analysis and Investigation

UCC Chair Signature/Date:

Academic Affairs Approval Signature/Date:

 3/31/09

 4/23/08

Office of the Registrar use ONLY

Date Rec'd: \_\_\_ Date Completed: \_\_\_ Entered: SCACRSE \_\_\_ SCADETL \_\_\_ SCARRES \_\_\_ SCAPREQ \_\_\_

**DELETE COURSE**  
Course Data Entry Form

**FORM F**

Delete Course  
Rev. 7/23/07

**I. ACTION TO BE TAKEN: DELETE COURSE FROM CATALOG.**

Note: Complete each section.

The course described below will be moved to inactive status.

a. Term Effective: Term  Year  See instructions.

**II. CURRENT COURSE TO BE DELETED FROM THE ACTIVE STATUS:**

Include the 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. Full Course Title:

UCC Chair Signature/Date:

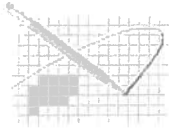


Academic Affairs Approval Signature/Date:



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Date Rec'd: \_\_\_ Date Completed: \_\_\_ Entered: SCACRSE \_\_\_ SCADETL \_\_\_ SCARRES \_\_\_ SCAPREQ \_\_\_



Greg Gogolin/FSU  
04/20/2009 03:46 PM

To Leonard Johnson/FSU@Ferris  
cc Paula L Hadley-Kennedy/FSU@Ferris, Jim  
Woolen/FSU@FERRIS  
bcc  
Subject Re: ISI proposal

Leonard -

20100101 for ISIN 491.

I did send Grant a Form B a couple months ago (same time as library consult). I also met with him to discuss last September.

Thanks,

Greg

Greg Gogolin, Ph.D., PMP, EnCE  
Professor  
Certified Project Manager  
Information Security & Intelligence  
Ferris State University  
<http://isi.ferris.edu>

-----Leonard Johnson/FSU wrote: -----

To: Greg Gogolin/FSU@Ferris  
From: Leonard Johnson/FSU  
Date: 04/17/2009 11:47AM  
cc: Paula L Hadley-Kennedy/FSU@Ferris  
Subject: Re: ISI proposal

Hi Greg

M.C.C.	Information Security and Intelligence	Approved, 7-0.	Clarify term effective for ISIN 491. 200908 or 201001? Leonard will make sure Humanities received a Form B.
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The proposal was approved at the March 31st meeting (see above section from the minutes). I was waiting on confirmation from Grant Snider that they had received a Form B.

I also need to clarify with you your intentions on when you want ISIN 491 to be effective.

Thanks.  
Leonard

Leonard R. Johnson, Ph.D  
Professor of Education and Chair,  
University Curriculum Committee  
Ferris State University  
1349 Cramer Circle  
Big Rapids, Michigan 49307  
(231) 591-2134  
<http://www.ferris.edu/education/education>

Greg Gogolin/FSU

**Greg  
Gogolin/FSU**

04/16/2009  
04:40 PM

To Leonard Johnson/FSU@Ferris

cc Paula L Hadley-Kennedy/FSU@Ferris

Subject ISI proposal

Leonard -

What is the status of the ISI proposal with the corrected new checksheet?

Greg

Greg Gogolin, Ph.D., PMP, EnCE  
Professor  
Certified Project Manager  
Information Security & Intelligence  
Ferris State University  
<http://isi.ferris.edu>