# Proposal Summary and Routing Form

**Proposal Title:** ISIN 390 Special Topics: Risk Intelligence

**Initiating Unit or Individual:** James H. Jones, Jr.  
**Contact Person's Name:** James H. Jones, Jr.  
**E-mail:** JamesJones@ferris.edu  
**Phone:** 591-3148

**Date or Term of Proposal Implementation:** Spring 2010

- [ ] 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

<table>
<thead>
<tr>
<th>Group/Individual</th>
<th>Signature</th>
<th>Date</th>
<th>Vote/Action *</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program Faculty</td>
<td></td>
<td>11/7/09</td>
<td>2: Support</td>
</tr>
<tr>
<td>Department Faculty</td>
<td></td>
<td>11/7/09</td>
<td>½: Support with Concerns</td>
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<tr>
<td>Department Head</td>
<td></td>
<td>11/7/09</td>
<td>½: Support</td>
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<tr>
<td>College Curriculum Committee</td>
<td>N/A</td>
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<tr>
<td>Dean</td>
<td></td>
<td>11/18/09</td>
<td>2: Support</td>
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<tr>
<td>University Curriculum Committee</td>
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<td>Senate</td>
<td>N/A</td>
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<tr>
<td>Academic Affairs</td>
<td></td>
<td>11/24/09</td>
<td></td>
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</tbody>
</table>

* 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.

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To be completed by Academic Affairs

________________________________________  

President (Date Approved)  
Board of Trustees (Date Approved)  
President’s Council (Date Approved)
Proposal

ISIN 390 Special Topics: Risk Intelligence

Spring Semester 2010

Rationale:

Students in the Information Security and Intelligence degree program (B.S. ISI) are required to complete a course covering Risk Management, currently satisfied by STQM 360, Risk Analysis. Risk Intelligence\(^1\) is an emerging field which extends traditional Risk Analysis models to address the complex and often heterogeneous nature of problems in the financial, intelligence, information security, and counter-terrorism domains. This extension of traditional risk analysis tools and techniques, combined with emphasis on problems in the information security and intelligence domains, will more completely prepare our students for the complex problems which they will address in their professions after graduation. We propose to run the course once or twice as a special topics course, then to evaluate our future options, likely consisting of (a) incorporate Risk Intelligence into the existing STQM 360 Risk Analysis course, (b) incorporate Risk Intelligence into a different but existing course, or (c) develop a permanent but distinct course within the ISI program addressing Risk Intelligence.

Notes:

Strong off-campus program growth and pending student graduations has created the need for a Risk Management course offering in Spring 2010. Current faculty loads and on-campus class requirements preclude offering the STQM 360 class off-campus in Spring 2010. We propose to run ISIN 390 Risk Intelligence Spring 2010 in an online delivery format, and we propose to approve course substitutions of ISIN 390 for STQM 360 for ISI students.

Instructor:

James H. Jones, Jr., Ph.D. (CV attached)
Assistant Professor (contract and tenure-track)
Department: AFIS
College: Business
Program emphasis: ISI and MISM

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1. Proposal Summary

Students in the Information Security and Intelligence degree program (B.S. ISI) are required to complete a course covering Risk Management, currently satisfied by STQM 360, Risk Analysis. Risk Intelligence\(^2\) is an emerging field which extends traditional Risk Analysis models to address the complex and often heterogeneous nature of problems in the financial, intelligence, information security, and counter-terrorism domains. This extension of traditional risk analysis tools and techniques, combined with emphasis on problems in the information security and intelligence domains, will more completely prepare our students for the complex problems which they will address in their professions after graduation. We propose to run the course once or twice as a special topics course, then to evaluate our future options, likely consisting of (a) incorporate Risk Intelligence into the existing STQM 360 Risk Analysis course, (b) incorporate Risk Intelligence into a different but existing course, or (c) develop a permanent but distinct course within the ISI program addressing Risk Intelligence.

2. Summary of All Course Action Required*

   a. Newly Created Courses to FSU:
      Prefix  Number  Title
      ISIN    390     Special Topics

   b. Courses to be Deleted From FSU Catalog:

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

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

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

3. Summary of All Consultations

   N/A

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

   ____________ Yes  ____________ No

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

5. Program Checksheets affected by this proposal.

   N/A

NEW COURSE INFORMATION FORM

Course Identification:

Prefix: ISIN  Number: 390  Title: Special Topics: Risk Intelligence

Course Description:
Introduction to the concepts, tools, and applications of risk intelligence. Students learn about the collection, analysis, and dissemination activities relevant to risk intelligence. Primary emphasis is on analysis activities using traditional risk models and the broader-based techniques of risk intelligence. Secondary emphasis is on collection activities using open sources as working examples.

Course Outcomes and Assessment Plan:

(1) Outcome: Understand the components of the risk intelligence process (collection, analysis, and dissemination).
   Assessment: Objective test.
(2) Outcome: Understand the nature of open source information, and acquire a working knowledge of tools and methods for its collection.
   Assessment: Independent assignments
(3) Outcome: Understand the concepts and relevance of risk valuation, audits, countermeasures, and risk response.
   Assessment: Independent assignments
(4) Outcome: Develop a working knowledge of traditional quantitative and qualitative risk analysis models, their underpinnings, implementations, and limitations.
   Assessment: Independent assignments
(5) Outcome: Develop a working knowledge of quantitative and qualitative risk intelligence techniques.
   Assessment: Independent assignments
(6) Outcome: Apply traditional risk analysis models and risk intelligence techniques to problems in the information security and intelligence domains.
   Assessment: Independent and Group projects

Course Outline including Time Allocation:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Time Allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Risk Intelligence process</td>
<td>9% (4 hours)</td>
</tr>
<tr>
<td>Data and information collection</td>
<td></td>
</tr>
<tr>
<td>Open sources</td>
<td>19% (10 hours)</td>
</tr>
<tr>
<td>Proprietary and other sources</td>
<td>5% (2 hours)</td>
</tr>
<tr>
<td>Risk valuation, audits, countermeasures, and</td>
<td>5% (2 hours)</td>
</tr>
<tr>
<td>risk response</td>
<td></td>
</tr>
<tr>
<td>Data and information analysis</td>
<td></td>
</tr>
<tr>
<td>Traditional risk analysis models</td>
<td>19% (10 hours)</td>
</tr>
<tr>
<td>Risk intelligence techniques</td>
<td>19% (10 hours)</td>
</tr>
<tr>
<td>What-If analysis</td>
<td>5% (2 hours)</td>
</tr>
<tr>
<td>Other analysis techniques</td>
<td>5% (2 hours)</td>
</tr>
<tr>
<td>Risk intelligence dissemination and maintenance</td>
<td></td>
</tr>
<tr>
<td>Static methods</td>
<td>5% (2 hours)</td>
</tr>
<tr>
<td>Dynamic methods</td>
<td>9% (4 hours)</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>100% (48 hours)</strong></td>
</tr>
</tbody>
</table>
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 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: 390
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: Risk Intelligence

e. College Code: COB
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 □  i. Maximum 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. 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.
   Introduction to the concepts, tools, and applications of risk intelligence. Students learn about the collection, analysis, and dissemination activities relevant to risk intelligence. Primary emphasis is on analysis activities using traditional risk models and the broader-based techniques of risk intelligence. Secondary emphasis is on collection activities using open sources as working examples.

p. Term(s) Offered: Spring/Fall
   (See instructions for listing.)

q. Max. Section Enrollment: 25

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

UCC Chair Signature/Date: ___________________________ 1/1/ ______

Academic Affairs Approval Signature/Date: ___________________________ 11/20/09

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  SCACETL  SCARRES  SCAPREQ
