# PROPOSAL SUMMARY AND ROUTING FORM

**Proposal Title:** ISIN 390 – Special Topics - Social Engineering

- **Initiating Unit or Individual:** Information Security & Intelligence, College of Business  
- **Contact Person’s Name:** Barbara L. Ciaramitaro  
- **e-mail:** ciamb@ferris.edu  
- **phone:** 3199

- **Date or Term of Proposal Implementation:** 20/20
- **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>Barbara L. Ciaramitaro</td>
<td></td>
<td>X Support</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Support</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Support with Concerns</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Not Support</td>
</tr>
<tr>
<td>Department Faculty</td>
<td></td>
<td></td>
<td>Support</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Support with Concerns</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Not Support</td>
</tr>
<tr>
<td>Department Head</td>
<td></td>
<td></td>
<td>Support</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Support with Concerns</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Not Support</td>
</tr>
<tr>
<td>College Curriculum Committee</td>
<td></td>
<td></td>
<td>Support</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Support with Concerns</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Not Support</td>
</tr>
<tr>
<td>Dean</td>
<td></td>
<td>3/19/12</td>
<td>Support</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Support with Concerns</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Not Support</td>
</tr>
<tr>
<td>University Curriculum Committee</td>
<td></td>
<td></td>
<td>Support</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Support with Concerns</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Not Support</td>
</tr>
<tr>
<td>Senate</td>
<td></td>
<td></td>
<td>Support</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Support with Concerns</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Not Support</td>
</tr>
<tr>
<td>Academic Affairs</td>
<td></td>
<td></td>
<td>Support</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Hold</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Not Support</td>
</tr>
</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.

---

**To be completed by Academic Affairs**

- **President (Date Approved)**
- **Board of Trustees (Date Approved)**
- **President’s Council (Date Approved)**
1. Proposal Summary
(Summary is generally less than one page. Briefly state what is proposed with a summary of rationale and highlights.
Additional rationale may be attached.)
This course will explore the security threat posed by social engineering. It will examine the various vectors and attack methods used in social engineering attacks. The course will also examine the psychological, cognitive and physical methods used in social engineering attacks. Lastly, it will discuss countermeasures that can minimize the occurrence of successful social engineering attacks.

2. Summary of All Course Action Required*

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

b. Courses to be Deleted From FSU Catalog:
Prefix Number Title

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

Form Sent (B or C)  Date Sent  Responding Dept.  Date Received & by Whom

N/A

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

________ Yes  _______X____ No

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

5. Program Checksheets affected by this proposal.

None as ISIN 390 is listed on the course sheets to cover current topics in information security.
b) Policies and Procedures

c) Data Loss Prevention

d) Technical controls
NEW COURSE INFORMATION FORM
See Sample – Limit to Two Pages Please

Course Identification:
Prefix:  ISIN  Number: 390  Title: Special Topics – Social Engineering

Course Description:
This course is focused on exploring the current topic of security threats posed by social engineering. It will examine the various vectors and attack methods used in social engineering attacks. The course will also examine the psychological, cognitive and physical methods used in social engineering attacks. Lastly, it will discuss countermeasures that can minimize the occurrence of successful social engineering attacks.

Course Outcomes and Assessment Plan:
• Outcome: Analyze the attack vectors and methods used in social engineering attacks
  • Assessment: Class discussion, individual assessment, individual essay, final research paper
• Outcome: Evaluate how psychological, cognitive, emotional and physical techniques are used to conduct social engineering attacks.
  • Assessment: Class discussion, individual assessment; final research paper; final exam
• Outcome: Investigate social engineering forensics in the analysis of social engineering attacks.
  • Assessment: Class discussions, individual assessment, individual essay, final research paper.
• Outcome: Evaluate countermeasures that can mitigate or prevent social engineering attacks.
  • Assessment: Class discussion; individual assessment; case study; final research paper; final exam

Course Outline including Time Allocation:

Social Engineering Attack Vectors and Methods (30% time allocation)
  a) Web Sites
  b) Email
  c) Telephone
  d) Waste Management
  e) Mobile
  f) Personal

Indirect Attack Methods. (30% time allocation)
  a) Psychological
  b) Cognitive
  c) Emotional
  d) Physical

Social Engineering Forensics (15% time allocation)

Countermeasures (25% time allocation)
  a) Education and Training
CREATE NEW COURSE
FORM F
Course Data Entry Form
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): 201208  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
b. Number
c. Enter Contact Hours per week in boxes.

| ISIN | 390 | LECTure | LAB | INDependent Study – Check (x) | Practicum: | Seminar: |

d. Course Title: [Special Topics – Social Engineering] (Limit to 30 characters/spaces.)

e. College Code: [COB]  f. Department Code: [AFIS]
Credit Hours: Check (x) type and enter maximum and minimum hours in boxes.

g. Type: [x] Variable  X Fixed  h. Minimum Credit Hours [x]  i. Maximum Credit Hours [x]

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

k. Levels: Check (x) X Undergraduate  [ ] Graduate  [ ] Professional

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

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

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

o. CATALOG DESCRIPTION – Limit to 75 words – PLEASE BE CONCISE.
This course is focused on exploring the current topic of security threats posed by social engineering. It will examine the various vectors and attack methods used in social engineering attacks. The course will also examine the psychological, cognitive and physical methods used in social engineering attacks. Lastly, it will discuss countermeasures that can minimize the occurrence of successful social engineering attacks.

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

r. Prerequisites/Co-requisites/Restrictions: (If none, leave blank.) Limited to 100 spaces. HSCJ 202.

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

Office of the Registrar use ONLY

Date Rec’d: _____  Date Completed: _____  Entered: SCACRSE  SCADETL  SCARRRES  SCAPREQ ______
To: Donald Flickinger/FSU  
Cc: Barbara L Ciaramitaro/FSU, Jim Woolen/FSU  
Bcc:  
Subject: ISIN 390 - Addition of title, course description, etc. to experimental course...  
From: Darlene J Waring/FSU - Tuesday 03/20/2012 08:27 AM

Mr. Flickinger,

Attached below please find a curriculum proposal submission containing course description, title, etc. for an ISIN 390 course (Special Topics/Experimental).

It is my understanding that this type of proposal can be submitted directly to you for consideration.

Do you also require the original hard copy?

Thank you....

1 attachment

DOC001.PDF

Darlene Waring  
Secretary II  
Accountancy, Finance & Information Systems  
waringd@ferris.edu  
Phone: 231-591-2434  
Fax: 231-591-3521