Eastern Illinois University
New/Revised Course Proposal
ACC 5100, Special Topics in Accounting

1. Catalog description in the style of the University Catalog
   a. course number: ACC 5100
   b. title: Special Topics in Accounting
   c. meeting times and credit: (3-0-3)
   d. term(s) to be offered: on demand
   e. short title: Topics in ACC
   f. course description:
      Selected topics in accounting such as financial statement analysis, forensic
      accounting, accounting issues in e-business, international accounting, the history
      of accounting, and other specialized topics as they emerge will be studied in
      depth. Course may be repeated once with prior approval of the School of
      Business Graduate Studies Coordinator.
   g. prerequisite(s): determined by subject matter to be covered

2. Objectives of the Course (List.)
   The educational objective of this course is to provide a curricular vehicle that will support
   the objectives of the MBA with Accounting Concentration program which include helping
   students to develop:
   ¾ the ability to apply technical accounting knowledge in managerial decision-making
   ¾ a strong understanding of the complex interrelationships between functional
     business areas.

3. Outline of the Course
   The outline of this course will vary with the subject matter being presented.

4. Implementation
   a) Faculty member(s) to whom the course may be assigned: any accounting faculty
      person who is a member of the graduate faculty.
   b) Specification of any additional costs to students: none
   c) Text and supplementary materials to be used, including publication dates: These
      materials will be dependent upon the subject matter covered during a specific
      semester.
   d) Term to be first offered: Fall 2001

5. Rationale
   a) Purpose and need: The dramatic changes taking place in today’s business
      environment brought on by the globalization of firms, the growth of technology,
      and new business models have created challenges that must be met by members
      of the accounting profession. A forum is needed in which both
      continuing and returning students can explore accounting issues raised by these
      challenges as well as possible solutions to these issues.

   b) Justification of the level of the course and a list of all prerequisites: Because students
      will need a well-rounded business background to understand the implications for
      the business environment of the issues being discussed, the students should
      have completed their undergraduate work before enrolling in this course.
Because of the changing content of this course, prerequisites will be determined at the time the content is determined.

c) Similarity to existing courses and/or effect upon programs in other departments:
This course is not similar to any existing courses offered in the Lumpkin College of Business or in any other department in the university.

d) Requirement or elective:
This course will be included in a list of courses from which students enrolled in the MBA Concentration in Accountancy program must select four courses. This course will also be an elective course for students enrolled in the MBA program or any other graduate program as long as the student meets any prerequisites specified each time the course is taught.

6. Community College Transfer
Community college transfer credit will not be offered for this course.

7. Date approved by the department 9/27/00

8. Date approved by the College or School curriculum committee 10/09/00

9. Date approved by CAA Not Applicable CGS 11/28/00
ADDENDUM

Because E-Commerce and Accounting will be the first topic taught in this course, the following information is presented as an example of the content to be covered in the special topics course using that subject matter.

Objectives of the Course

Upon completion of the course, the student should be able to:
¾ Understand the impact of e-commerce on assurance services provided by CPA firms.
¾ Describe the impact of e-commerce on the purchasing and payable accounting cycle.
¾ Describe the impact of e-commerce on the selling and receivable accounting cycles.
¾ Develop accounting internal control procedures for on-line transactions.
¾ Assess the risk associated with on-line transactions and the implication of that risk level for an accounting system.
¾ Apply techniques designed to address security issues concerning on-line transactions.

Outline of the Course

The course outline for E-Commerce and Accounting is presented on the next page. The course will meet in the evening once a week for 150 minutes.

Evaluation of the students will include a midterm, a final, and several projects that include various activities on the Internet.

Implementation

a) Faculty member(s) to whom the course is assigned: Dr. Rick Palmer

b) Specification of any additional costs to students: none

c) Text and supplementary materials to be used, including publication dates: The tentative materials that will be used for the E-Commerce and Accounting topic are:
¾ Additional current readings and interactive Web site tours.

d) Term to be first offered: Fall 2001
<table>
<thead>
<tr>
<th>Duration</th>
<th>Theme</th>
<th>Topic</th>
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<tbody>
<tr>
<td>1 Week</td>
<td>Overview of EC</td>
<td>• Review of Fundamental Architecture and Terms</td>
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<td>• EC and the Value Chain</td>
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<td>• EC business models and strategy</td>
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<tr>
<td>1 Week</td>
<td>Electronic Commerce and Role of Independent Third Parties</td>
<td>• Impact of e-commerce on assurance services</td>
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<td>• Third-party assurance of Web-based EC</td>
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<td>• Web-trust and SysTrust</td>
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<td>• Implications for accounting profession.</td>
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<tr>
<td>2 Weeks</td>
<td>EDI, EC, and the Internet</td>
<td>• Understand the evolution of the “procure to pay” process from traditional to EDI to Web-based systems.</td>
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<td>• Traditional payment technology.</td>
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<td>• The future of EDI</td>
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<td>2 Weeks</td>
<td>“Buy Side” EC</td>
<td>• Electronic procurement engines (EPEs)</td>
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<td>• Buy side portals and Intranets</td>
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<td>• Electronic marketplaces.</td>
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<td>• E-catalogs - importance of and issues involved.</td>
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<td>• Linking Web purchases to legacy accounting and ERP systems.</td>
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<td>1 Week</td>
<td>Auctions</td>
<td>• Fundamentals of auction formats</td>
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<td>• Impact on corporate purchasing and supply chain relationships.</td>
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<td>1 weeks</td>
<td>E-billing and payment technology</td>
<td>• E-billing fundamentals</td>
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<td>• Aggregator versus direct billing models</td>
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<td>• Commercial card technology (purchasing cards, smart cards, stored value cards, “one-cards,” Mondex)</td>
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<td>• Electronic checks and wallets</td>
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<td>1 Weeks</td>
<td>Automated administrivia and expense management</td>
<td>• Comparing and contrast traditional and automated expense reimbursement processes.</td>
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<td>• Web-driven organizational administration.</td>
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<td>2 Weeks</td>
<td>“Sell” side EC</td>
<td>• Web-based business models and revenue enhancement strategies.</td>
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<td>• On-line stores, cyber-shopping carts, and e-catalogs</td>
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<td>• Linking Web orders to legacy and ERP systems.</td>
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<td>• Intelligent agents and customer relations.</td>
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<td>• “Sticky” applications and “eyeball share.”</td>
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<td>1 Week</td>
<td>Risks of Insecure Systems</td>
<td>• Overview of risks associated with Internet transactions</td>
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<td>• Intranet associated risks</td>
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<td>• Risks associated with business data transferred between trading partners.</td>
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<td>• Risks associated with viruses and malicious codes.</td>
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<td>1 Week</td>
<td>Risk Management</td>
<td>• Control weaknesses versus control risks.</td>
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<td>• Risk management paradigm.</td>
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<td>• Disaster recovery plans.</td>
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| 1 Week | Internet Security Standards | • Standard setting issues and committees.  
• Major standard setting structures and interfaces.  
• Security committees and organizations.  
• Security protocols and languages.  
• The role of accountant's in Internet-related standard setting processes. |
| 1 Week | Cryptography, Authentication | • Messaging security issues.  
• Encryption techniques.  
• Key management.  
• Additional authentication methods.  
• Implications for the accounting profession. |
| 1 Week | Firewalls | • Firewalls defined  
• Components of a firewall.  
• Functionality of a firewall.  
• Network topology.  
• Limitations of the security prevention provided by firewalls. |