Florida Institute of Technology

ADDING A NEW MAJOR OR MINOR TO THE CURRICULUM

Please provide the following information when requesting a new major or minor (program or option) to be added to the curriculum. Only new majors, minors and options are assigned a new code and print on the diploma. The code will be assigned by the Office of the Registrar and a copy of this form will be sent to the appropriate department.

COLLEGE of Business

DEPARTMENT Extended Studies Division

SITE(S) Fort Lee, VA

CAMPUS(ES) Extended Studies

PROGRAM TO BE ADDED ☑ Major or ☐ Minor or ☐ Option for ____________________________ (existing degree program)

Note: Only Majors, Minors and Options receive new codes and print on the diploma.

☐ Associate of Arts (A.A.) ☑ Executive Master of Business Administration (EMBA)

☐ Associate of Science (A.S.) ☐ Master of Arts (M.A.)

☐ Bachelor of Arts (B.A.) ☑ Master of Business Administration (M.B.A.)

☑ Bachelor of Science (B.S.) ☑ Master of Education (M.Ed.)

☐ Professional Master of Business Administration (PMBA)

NOTE: Only Majors, Minors and Options receive new codes and print on the diploma.

OTHER ADDITION TO THE CURRICULUM (Note: Only Majors, Minors and Options receive new codes and print on the diploma.)

☐ Concentration or ☐ Specialization for ____________________________ (existing degree program)

PROGRAM TITLE Restricted to 30 characters, including spaces

Logistics Management

TERM TO BE INITIATED Spring 2011

ADVISER FOR NEW PROGRAM Terry Raney

ROUTING APPROVALS: 1) Department head/program chair and college dean approve and sign form; 2) Provost approves business plan of the program in terms of financial viability and impact on the university mission, and signs form; 3) Undergraduate Curriculum Committee or Graduate Council approves academics and signs form; 4) Provost gives final approval of program, signs form and forwards to Office of the Registrar.

1) [Signature] Date 4/20/10

2) [Signature] Date 4/30/10

3) Chair, Graduate Council Date

4) Provost Date

REGISTRAR’S USE ONLY

FSA ATLAS ________ SOXREF ________ SMAFRL ________

SIRMAJR ________ SOAMCURR ________ MAAJOR CODE ASSIGNED ________

SAAOCURR ________ CIPPCOD ________ OPERATOR INITIALS/DATE ________

DISTRIBUTION

Original – Registrar
Copy – Academic Unit

Florida Institute of Technology • Office of the Registrar
150 West University Boulevard, Melbourne, FL 32901-6975 • (321) 674-4100 • Fax (321) 674-7827
General Information — ext. 8115, Graduation — ext. 8116, Records and Transcripts — ext. 8117, Registration — ext. 8118
To: Undergraduate Curriculum Committee

Through: Robert Niebuhr, Ph.D.
Dean Nathan M. Bisk College of Business

Through: Alex Vamosi, Ph.D.
Associate Dean

From: Theodore Richardson Ed.D.
Senior Associate Dean
Director Extended Studies Division

Date: April 20, 2010

Subject: B.S. Logistics Management

The Extended Studies Division at the Fort Lee Site is seeking approval to offer an undergraduate degree completion program in logistics management. The rationale for the request is an emerging market for undergraduate logistics degree at Fort Lee in Virginia. Through redeployment of military personnel as well as the desire of the military to make Fort Lee the center for logistics personnel for the Army, the US Army has invested 1 billion dollars in the development of over 450 high tech classroom in a new building to offer logistics degrees for military personnel.

With our long relationship with Fort Lee, since 1979, the Education Service Officers are eager to partner with Florida Institute of Technology in offering a BS in Logistics Management degree that complements our currently offered masters degree programs. At Fort Lee, an additional 27,000 students per year will seek military training in logistics.

The degree completion program requires students to have a completed AA/AS degree from a regionally accredited college. Florida Tech would transfer in 60 credits and conversely teach 60 credits at the Logistics University at Fort Lee. The first 2 years of the program mirrors the undergraduate degrees in the College of Business as well as the online AA degrees. If students do not have the requisite 60 credits, they can get the needed courses through our University Alliance partnership online or at a local regionally accredited college in Virginia. Although our expectation is that with transfer credit most of the courses offered at Fort Lee are primarily logistics courses, the Site Director will be able to find qualified faculty to teach courses listed in the curriculum. The COB has asked for permission to teach undergraduate courses not resident in the COB from the department heads resident in other colleges. The courses listed on the next page will be taught at the Fort Lee Site.
Courses that will be Offered at Fort Lee
Non-Business Courses are Shaded

<table>
<thead>
<tr>
<th>General Education Courses</th>
<th>COM 3070</th>
<th>Professional Communication for Executives</th>
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<tbody>
<tr>
<td></td>
<td>MTH 1702</td>
<td>Applied Calculus</td>
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<tr>
<th>Required Core Business Courses</th>
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<tbody>
<tr>
<td>BUS 1801</td>
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<td>BUS 2211</td>
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<td>BUS 2212</td>
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<td>BUS 3401</td>
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<td>BUS 3601</td>
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<td>BUS 3704</td>
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<td>BUS 4501</td>
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<td>BUS 4503</td>
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<tr>
<td>BUS 4701</td>
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<td>BUS 4702</td>
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<table>
<thead>
<tr>
<th>Required Courses in Logistics Mgt Major</th>
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<tbody>
<tr>
<td>AVM 3303</td>
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<tr>
<td>BUS 3550</td>
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<td>BUS 4555</td>
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<tr>
<th>Restricted Electives In Logistics Mgt</th>
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<tbody>
<tr>
<td>BUS 3551</td>
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<tr>
<td>BUS 3553</td>
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<tr>
<td>BUS 4501</td>
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<tr>
<td>BUS 4550</td>
</tr>
<tr>
<td>BUS 4552</td>
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<tr>
<td>BUS 4553</td>
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Florida Tech College of Business  
BS Logistics Management (120 hrs)  
Flow Chart (7XXX)

### FRESHMAN YEAR - Fall

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<tr>
<th>Course</th>
<th>Course Title</th>
<th>Grade</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BUS 1901</td>
<td>Global Business Perspectives</td>
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<tr>
<td>BUS 2902</td>
<td>Macroeconomics</td>
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<td>3</td>
<td>TCE that Counts</td>
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<tr>
<td>COM 1101</td>
<td>Composition and Rhetoric</td>
<td>3</td>
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<td>TCE that Counts</td>
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<tr>
<td>MTH 2701</td>
<td>College Algebra</td>
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### Spring

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<td>COM 1109</td>
<td>Writing About Literature</td>
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<td>MTH 2704</td>
<td>Applied Calculus</td>
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<tr>
<td>BUS 1601</td>
<td>Computer Applications for Bus</td>
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### SOPHOMORE YEAR - Fall

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<tbody>
<tr>
<td>BUS 2211</td>
<td>Intro to Financial Accounting</td>
<td>3</td>
<td>3</td>
<td>TCE that Counts</td>
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<tr>
<td>BUS 2703</td>
<td>Statistics For Business</td>
<td>3</td>
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<tr>
<td>COM 2224</td>
<td>Business &amp; Professional Writing</td>
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<tr>
<td>HUM 2001</td>
<td>Civilization 1</td>
<td>3</td>
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<td>PSY 2081</td>
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### Spring

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<tbody>
<tr>
<td>BUS 2212</td>
<td>Intro to Managerial Accounting</td>
<td>3</td>
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<tr>
<td>BUS 2601</td>
<td>Legal &amp; Social Environment of Bus</td>
<td>3</td>
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<tr>
<td>BUS 3500</td>
<td>Management Principles</td>
<td>3</td>
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<tr>
<td>HUM 2002</td>
<td>Civilization 2</td>
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### JUNIOR YEAR - Fall

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<tr>
<td>AVM 2901</td>
<td>Transportation Logistics</td>
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<tr>
<td>BUS 3401</td>
<td>Corporate Finance</td>
<td>3</td>
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<tr>
<td>BUS 2909</td>
<td>Supply Chain Management</td>
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<tr>
<td>BUS 2601</td>
<td>Marketing Principles</td>
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<td>HUM 2601</td>
<td>Restricted Elective (HUM)</td>
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### Spring

<table>
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<th>Substitute</th>
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<tr>
<td>BUS 2211</td>
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<td>3</td>
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<tr>
<td>BUS 3704</td>
<td>Quantitative Methods</td>
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<tr>
<td>BUS 3999</td>
<td>Research 1 (Q)</td>
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<tr>
<td>COM 3070</td>
<td>Prof Communications for Execs</td>
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<td>3</td>
<td>COM 2370</td>
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<tr>
<td>XXX</td>
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### SENIOR YEAR - Fall

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<tr>
<td>BUS 4000</td>
<td>Research 2 (Q)</td>
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<tr>
<td>BUS 4902</td>
<td>Organizational Behavior</td>
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<tr>
<td>BUS 4702</td>
<td>Business Strategy &amp; Policy</td>
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<tr>
<td>BUS 5601</td>
<td>Restricted Elective (Logistics)</td>
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<tr>
<td>BUS 5602</td>
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### Spring

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<th>Credits</th>
<th>Substitute</th>
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<tbody>
<tr>
<td>BUS 4001</td>
<td>Research 3 (Q)</td>
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<tr>
<td>BUS 4005</td>
<td>Business Ethics</td>
<td>3</td>
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<td>BUS 4555</td>
<td>Procurement &amp; Contract Mgt</td>
<td>3</td>
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<tr>
<td>BUS 4701</td>
<td>International Business</td>
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<tr>
<td>BUS 5601</td>
<td>Restricted Elective (Logistics)</td>
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<td>XXX</td>
<td>Free Elective</td>
<td>3</td>
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**Electives:**  
"Corresponds to List on Reverse"

### Computer Literacy Exam Scores:  
Excel:  Word:  PPT:  Access: 

### Computer Literacy Exam Dates:  
Excel:  Word:  PPT:  Access: 

**Faculty Adviser:**  
Signature:  Date: 

**Associate Dean:**  
Signature:  Date: 

Catalog Year 10-11  
4/22/2010 5:59 PM
## TCE for University Alliance AA Degrees in Business

<table>
<thead>
<tr>
<th></th>
<th>AA in Accounting</th>
<th>AA in Business Administration</th>
<th>AA in Marketing</th>
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<tr>
<td><strong>GEN EDUCATION Requirements</strong></td>
<td>COM 9 credit hrs</td>
<td>COM 9 credit hrs</td>
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<td>HUM 9 credit hrs</td>
<td>HUM 12 credit hrs</td>
<td>HUM 6 credit hrs</td>
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<td>MTH 3 credit hrs</td>
<td>MTH 3 credit hrs</td>
<td>MTH 3 credit hrs</td>
</tr>
<tr>
<td></td>
<td>SCI 6 credit hrs</td>
<td>SCI 6 credit hrs</td>
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<tr>
<td></td>
<td>PSY 3 credit hrs</td>
<td>PSY 3 credit hrs (SS elective)</td>
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<td>1601 computer apps</td>
<td>1601 computer apps</td>
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<td>2303/04 economics</td>
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<td>2601 business law</td>
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<td>2703 business statistics</td>
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<td>2211/12 accounting</td>
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<td>2211/12 accounting</td>
<td>2211/12 accounting</td>
<td>3501 management principles</td>
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<tr>
<td></td>
<td>3501 management principles</td>
<td>3501 management principles</td>
<td>3601 marketing principles</td>
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<tr>
<td><strong>FREE Electives</strong></td>
<td>1. MTH 1703 (finite math)</td>
<td>1. MTH 1501 OR 1703</td>
<td>1. EMK 3320</td>
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<td></td>
<td>2. EAC 3214</td>
<td>2. Social Science Elective (if other than PSY 1411)</td>
<td>2. EMK 3607</td>
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<td>3. EAC 3331</td>
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<td>3. SOC 1101</td>
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<tr>
<td><strong>Total Credit Hrs to complete program (120)</strong></td>
<td>TCE 63 Credit Hrs GED 30 hrs BUS 24 hrs FREE 9 hrs</td>
<td>TCE 60 Credit Hrs GED 30 to 33 hrs BUS 24 hrs FREE 3 to 6 hrs</td>
<td>TCE 60 Credit Hrs GED 27 hrs BUS 24 hrs FREE 9 hrs</td>
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<tr>
<td>Remaining Credit HRs to complete degree = 57</td>
<td>Remaining Credit HRs to complete degree = 60</td>
<td>Remaining Credit HRs to complete degree = 60</td>
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</table>

**Conclusion:** Students with an AA in the three listed programs will have at least 60 credit hours of TCE that count towards the logistics management degree requirements.
Florida Institute of Technology

ADDING A NEW COURSE TO THE CURRICULUM

This course is available for student registration only after the approval process has been completed.

SUBJECT BUS COURSE NO. 3550 CREDIT HOURS 3 TERM TO BE ADDED TO THE FILE Fall 2010
(e.g., CS2) (e.g., 1301) (e.g., Fall 2010)

CLASS HOURS 45/semester LECTURE HOURS_________ LAB HOURS ___________ CONTACT HOURS (CEU ONLY) ________

DEPARTMENT College of Business SCHEDULE TYPE Lecture
(e.g., Computer Sciences) (e.g., Lecture, Lab or Special Topics/Project)

☐ COLLEGE OF AERONAUTICS - 23 ☐ COLLEGE OF PSYCHOLOGY AND LIBERAL ARTS - 25
☐ NATHAN M. BISK COLLEGE OF BUSINESS - 24 ☐ COLLEGE OF SCIENCE - 26
☐ COLLEGE OF ENGINEERING - 1 ☒ EXTENDED STUDIES DIVISION / NATHAN M. BISK COLLEGE OF BUSINESS - 90

COMPUTER TITLE Restricted to 25 characters, including spaces Supply Chain Mgmt

CATALOG TITLE Supply Chain Management

CATALOG DESCRIPTION OF COURSE Restricted to 350 characters, including spaces
Focuses on supply chain management (SCM) from a global perspective. Encompasses operations management, purchasing and logistics in managing the supply chain. Covers how supply chain processes and activities are optimized from suppliers to consumers. (Requirement: Junior standing.)

In addition, please attach a course syllabus and/or more detailed description.

REQUIREMENTS
☐ Prerequisite ___________________ ☐ Corequisite ___________________

Course Number Course Number

☐ Prerequisite ___________________ ☐ Corequisite ___________________

Course Number Course Number

☐ Prerequisite ___________________ ☐ Corequisite ___________________

Course Number Course Number

GRADES TO BE ISSUED
☒ A, B, C, D, F
☐ A, B, C, D, F, CEU
☐ CEU
☐ S, U
☐ P, F
☐ Other

ADDITIONAL RESTRICTION Junior standing
(e.g., Major, Class Level, Department Head Approval)

If this course replaces a course currently offered in BANNER, please indicate old course information and the date/term the course may be removed from the system.

SUBJECT Alpha Prefix (e.g., CS2) ____________ COURSE NO. (e.g., 1301) ____________

APPROVALS: Upon completion of appropriate department approvals, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee for approval below and forward to Catalog Director.

Chair, Graduate Council Date

Chair, Undergraduate Curriculum Committee Date

CATALOG DIRECTOR

These changes/additions have been made for the University Catalog/policy management system and entered into the BANNER term named above.

Catalog Director Date

REGISTRAR'S USE ONLY

SCACRSE ____________ SCADTL ____________ SCARREQ ____________

SCRRES ____________ Operator Init. ____________ Date ____________

Florida Institute of Technology • Office of the Registrar
150 West University Boulevard, Melbourne, FL 32901-6975 • (321) 674-8114 • Fax (321) 674-7827

RO9-08-08
SUPPLY CHAIN MANAGEMENT

Course Code  BUS 3550
Requirement  Junior Standing

Course Descriptions

This course focuses on supply chain management from a global perspective. It encompasses operations management, purchasing, and logistics in managing the supply chain. The course covers how supply chain processes and activities are optimized throughout the chain from suppliers to consumers.

Course Learning Objectives: The student will be able to:
- Understand, apply and analyze the concepts of supply chain management (SCM)
- Evaluate and assess organizational supply requirements and the purchasing process
- Apply appropriate management techniques to distribution and marketing channels
- Develop the systems and procedures to organize, implement and manage supply chain systems appropriate to organization effectiveness

Topics Covered and Associated Time (45 contact hours)

- Introductory Concepts (6 hours)
  - Define and describe a supply chain management system
  - Understand the various operational environments or supply chain management
  - Differences between Logistics Management and SCM
- Forecasting & Market analysis (6 hours)
  - Probability analysis for demand functions
  - Seasonal and cyclical demand factors
  - Marketing functions and customer demand
- Planning and Developing Supply Chain Operations (6 hours)
  - Retail and Wholesale
  - Distribution Logistics
  - Decision Support Systems
  - Assessing and meeting customer needs
  - Logistics and inventory needs between retail and wholesale
- Operating Supply Chain Operations (6 hours)
  - Retail and Wholesale
  - Metrics and communication
- Information Technology (IT) in SCM (6 hours)
- Supply Chains in Governmental Operations (3 hours)
- Opportunities and Challenges (3 hours)
- Establishing Competitive Advantage with Supply Chains (3 hours)
- Examinations (6 hours)
Assessment

- Participation 10%
- Subject (Article) Presentation 15%
- Case Presentation (2-3 person group) 15%
- Mid-term Exam 30%
- Final Exam 30%

Class Schedule: 1 three hour class per week for 15 weeks

Contribution of Course to meeting the Requirements of the Curriculum: Elective for the development of in-depth expertise in specific logistic management skills and knowledge (3 credits).

Prepared by: Adjunct Professor, Dr. William K. Shockley, DBA and Assistant Professor and Site Director, Terry W. Raney, MBA, JD

Potential Text(s)


Notes to Instructor

Subject (Article) Presentation

Each student will research three peer-reviewed (scholarly) articles (less than four (4) years old) from the FIT on-line library that pertain to a subject within the SCM arena. Anecdotal articles (non-scholarly articles) may be used to supplement the scholarly articles by showing usage of theories or concepts. All material should be summarized in a 1500-word paper. Within this paper the student should show current day applications pertaining to his/her work area. The student will present a summary of the paper to the class orally.

Case Presentation

A team of two to three students will present two cases to the case class. The case should be summarized to allow the class to understand the case. The team will then present responses to questions or an analysis of the case with recommendations for action. Recommendations will include rationale for the recommendation.
Florida Institute of Technology

ADDING A NEW COURSE TO THE CURRICULUM

This course is available for student registration only after the approval process has been completed.

SUBJECT BUS COURSE NO. 3551 CREDIT HOURS 3 TERM TO BE ADDED TO THE FILE Fall 2010 (e.g., CSE)
(CLASS HOURS 45/semester LECTURE HOURS CONTACT HOURS (CEU ONLY))

DEPARTMENT College of Business SCHEDULE TYPE Lecture
(e.g., Computer Sciences e.g., Lecture, Lab or Special Topics/Project)

□ COLLEGE OF AERONAUTICS – 23 □ COLLEGE OF PSYCHOLOGY AND LIBERAL ARTS – 25
□ NATHAN M. BISK COLLEGE OF BUSINESS – 24 □ COLLEGE OF SCIENCE – 26
□ COLLEGE OF ENGINEERING – 1 □ EXTENDED STUDIES DIVISION / NATHAN M. BISK COLLEGE OF BUSINESS – 90

COMPUTER TITLE Restricted to 25 characters, including spaces Material Acq Mgmt
CATALOG TITLE Material Acquisition Management

CATALOG DESCRIPTION OF COURSE Restricted to 350 characters, including spaces
Examines the life-cycle process of the acquisition of material and material systems. Includes systems management and its application from acquisition to termination. Studies need requirements, cost and schedule considerations and procurement procedures. Also includes the evaluation and development of purchasing systems.

In addition, please attach a course syllabus and/or more detailed description.

GRADES TO BE ISSUED
□ A, B, C, D, F □ A, B, C, D, F, CEU
□ CEU □ S, U □ P, F
□ Other

ADDITIONAL RESTRICTION
(e.g., Majors, Class Level, Department Head Approval)
If this course replaces a course currently offered in BANNER, please indicate old course information and the date/term the course may be removed from the system.

SUBJECT Alpha Prefix (e.g., CSE) COURSE NO. (e.g., 1301)

APPROVALS: Upon completion of appropriate department approvals, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee for approval below and forward to Catalog Director.

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Terry Ramsey 4/20/10
Chair, Graduate Council Date

Dean or Associate Dean Date

Chair, Undergraduate Curriculum Committee Date

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R3R-036-001
MATERIEL ACQUISITION MANAGEMENT

Course Code  BUS 3551
Prerequisite  BUS 3550

Course Descriptions
Examines the life cycle process of acquisition of materiel and materiel systems. Examines systems management and its application from acquisition to termination. Studies need requirements, cost and schedule considerations and procurement procedures.

Course Learning Objectives: The student will be able to:

- Understand the life cycle of material acquisition, use and disposal
- Understand the basic concepts of requirement determinations and options to satisfy requirements
- Evaluate, change and develop purchasing systems
- Integrate the purchasing and acquisition process into the supply chain management and inventory system of the organization
- Analyze, compare and evaluate in-house to contracted-out acquisition functions

Topics Covered and Associated Time (45 contact hours)

- Introductory Concepts (6 hours)
  - The business and government environment
  - Tangibles, intangibles and real estate
  - Organizational purchasing
- The relationship of purchasing to supply chain management (SCM) (3 hours)
- Performance measurement (6 hours)
  - Financial accounting
  - Management accounting
  - Incentive, rewards and bonuses
- Environmental, safety and performance evaluations (3 hours)
- Supplier performance (6 hours)
  - Supplier qualification
  - Industry standards
  - Governmental regulatory standards
  - Ratings
- Market and industry research (3 hours)
  - Commercial sources
  - Government sources
  - Institutional history
- Make or buy analysis (3 hours)
- Purchasing Systems (3 hours)
  - E-systems
  - Cooperatives
- Strategic Sourcing (3 hours)
  - Selection
  - Negotiations
  - Types of relationships
- Legal and ethical issues of purchasing (3 hours)
- Examinations (6 hours)
Assessment

- Participation 10%
- Subject (Article) Presentation 15%
- Case Presentation (2-3 person group) 15%
- Mid-term Exam 30%
- Final Exam 30%

100%

Class Schedule: 1 three hour class per week for 15 weeks

Contribution of Course to meeting the Requirements of the Curriculum: Elective for the development of in-depth expertise in specific logistic management skills and knowledge (3 credits).

Prepared by: Adjunct Professor, Dr. William K. Shockley, DBA and Assistant Professor and Site Director, Terry W. Raney, MBA, JD

Potential Text (s)


Notes to Instructor

Subject (Article) Presentation

Each student will research three peer-reviewed (scholarly) articles from the FIT on-line library that pertain to a subject within the Material Acquisition Management/Purchasing discipline. These articles should be within the context of Supply Chain Management. The student should summarize the three articles (anecdotal information from non-scholarly articles may be used to illustrate points) and then show concrete applications in real world applications, preferably in areas in which the student works. This paper should be approximately 1500 words. The student will present a summary of the paper to the class orally.

Case Presentation

A team of two to three students will present two cases to the class. Each case should be summarized to allow the class to understand the case. The team will then present responses to questions or an analysis of the case with recommendations for action. Recommendations will include rationale for the recommendation. One written paper will be presented by the team.

Books

Recommended books each have cases included.
Florida Institute of Technology

ADDING A NEW COURSE TO THE CURRICULUM

This course is available for student registration only after the approval process has been completed.

SUBJECT  B  U  S  
(e.g., CSE)  
COURSE NO.  3  5  5  3  
(e.g., 1301)  
CREDIT HOURS  3  
TERM TO BE ADDED TO THE FILE  Fall 2010  
CLASS HOURS  45/semester  
LECTURE HOURS  
LAB HOURS  
CONTACT HOURS (CEU ONLY)  
DEPARTMENT  College of Business  
(e.g., Computer Sciences)  
SCHEDULE TYPE  Lecture  
(e.g., Lecture, Lab or Special Topics/Project)  

☐ COLLEGE OF AERONAUTICS - 23  
☐ NATHAN M. BISK COLLEGE OF BUSINESS - 24  
☐ COLLEGE OF ENGINEERING - 1  
☐ COLLEGE OF PSYCHOLOGY AND LIBERAL ARTS - 25  
☐ COLLEGE OF SCIENCE - 26  
☒ EXTENDED STUDIES DIVISION / NATHAN M. BISK COLLEGE OF BUSINESS - 90

COMPUTER TITLE  Restricted to 25 characters, including spaces  
Mgmt Transport Systems

CATALOG TITLE  Management of Transportation Systems

CATALOG DESCRIPTION OF COURSE  Restricted to 350 characters, including spaces
Reviews the history of transportation. Includes the advantages and disadvantages of various carrier modes. Emphasizes management problems common to all modes of domestic and international transportation. Also discusses transportation engineering, use of facilities, and materiel, economic, personnel, labor and union aspects.

In addition, please attach a course syllabus and/or more detailed description.

RESTRCTIONS  
☒ Prerequisite  AVM 3503  
☐ Corequisite  
☐ Prerequisite  
☐ Corequisite  
☐ Prerequisite  
☐ Corequisite  

GRADES TO BE ISSUED  
☒ A, B, C, D, F  
☐ A, B, C, D, F, CEU  
☐ CEU  
☐ S, U  
☐ P, F  
☐ Other

ADDITIONAL RESTRICTION  
(r.e.g., Major, Class Level, Department Head Approval)

If this course replaces a course currently offered in BANNER, please indicate old course information and the date/term the course may be removed from the system.

SUBJECT  Alpha Prefix (e.g., CSE)  
COURSE NO.  (e.g., 1301)

APPROVALS: Upon completion of appropriate department approvals, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee for approval below and forward to Catalog Director.

Chair, Graduate Council  
Date  

OR

Chair, Undergraduate Curriculum Committee  
Date  

CATALOG DIRECTOR  
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Catalog Director  
Date

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R28-036-409
MANAGEMENT OF TRANSPORTATION SYSTEMS

Course Code  BUS 3553
Prerequisite  AVM 3303

Course Descriptions

Studies various contemporary carrier modes, emphasizing management problems common to all modes of domestic and international transportation. Investigates and discusses transportation engineering, use of transportation facilities and materiel and economic, personnel, labor and union aspects.

Course Learning Objectives: The student will be able to:

- Review the history of transportation
- Describe different modes of transportation, the advantages/disadvantages of each
- Understand and identify legal and global requirements and restrictions

Topics Covered and Associated Time (45 contact hours)

- Introductory Concepts (6 hours)
- Physical components (6 hours)
  - Types of carriers
  - Personnel
  - Collective bargaining
  - Operational characteristics
- Transportation policies and laws (6 hours)
  - Operational
  - Environmental
  - Health and safety
- Network systems (6 hours)
  - Networks
  - Links
  - Nodes
- Global transportation (6 hours)
  - Land
  - Sea
  - Air
  - Space
  - Integrated
- Cultural aspects of transportation (3 hours)
- Trends in transportation (3 hours)
- Security Issues (3 hours)
- Examinations (6 hours)
Assessment

- Participation 10%
- Subject (Article) Presentation 15%
- Case Presentation (2-3 person group) 15%
- Mid-term Exam 30%
- Final Exam 30%

Class Schedule: 1 three hour class per week for 15 weeks

Contribution of Course to meeting the Requirements of the Curriculum: Elective for the development of in-depth expertise in specific logistic management skills and knowledge (3 credits).

Prepared by: Adjunct Professor, Dr. William K. Shockley, DBA and Assistant Professor and Site Director, Terry W. Raney, MBA, JD

Potential Text (s)


Notes to Instructor

Subject (Article) Presentation

Each student will research three peer-reviewed (scholarly) articles from the FIT on-line library that pertain to a subject within the Transportation Management arena. These three articles will be summarized in a 1500-word paper. Within this paper the student should show current day applications pertaining to his/her work area. The student will present a summary of the paper to the class orally.

Case Presentation

A team of two to three students will present two cases to the case class. The case should be summarized to allow the class to understand the case. The team will then present responses to questions or an analysis of the case with recommendations for action. Recommendations will include rationale for the recommendation.
Florida Institute of Technology

ADDING A NEW COURSE TO THE CURRICULUM

This course is available for student registration only after the approval process has been completed.

SUBJECT BUS COURSE NO. 455 C CREDIT HOURS 3 TERM TO BE ADDED TO THE FILE Fall 2010
(e.g., CSB) (e.g., 1301) (e.g., Fall 2010)

CLASS HOURS 45/semester LECTURE HOURS Lab HOURS CONTACT HOURS (CEU ONLY)

DEPARTMENT College of Business
(e.g., Computer Sciences) SCHEDULE TYPE Lecture
(e.g., Lecture, Lab or Special Topics/Project)

☐ COLLEGE OF AERONAUTICS - 23 ☐ COLLEGE OF PSYCHOLOGY AND LIBERAL ARTS - 25
☐ NATHAN M. BISK COLLEGE OF BUSINESS - 24 ☐ COLLEGE OF SCIENCE - 26
☐ COLLEGE OF ENGINEERING - 1 ☑ EXTENDED STUDIES DIVISION / NATHAN M. BISK COLLEGE OF BUSINESS - 90

COMPUTER TITLE Restricted to 25 characters, including spaces
Adv Techniques in SCM

CATALOG TITLE Advanced Techniques in Supply Chain Management

CATALOG DESCRIPTION OF COURSE Restricted to 150 characters, including spaces
Covers advanced theory and practice of supply chain management (SCM). Includes operational logistics support and the concepts and tools of electronic communications and information technology systems. Studies the strategy, organizational structure and new technologies in SCM. Also covers planning, program design and quality assurance.

In addition, please attach a course syllabus and/or more detailed description.

REQUIREMENTS ☑ Prerequisite BUS 3550 ☐ Corequisite
Course Number

GRADE TO BE ISSUED ☑ A, B, C, D, F ☐ A, B, C, D, F, CEU
☐ CEU ☐ S, U ☐ P, F ☐ Other

ADDITIONAL RESTRICTION
(e.g., Major, Class Level, Department Head Approval)

If this course replaces a course currently offered in BANNER, please indicate old course information and the date/term the course may be removed from the system.

SUBJECT Alpha Prefix (e.g., CSB) COURSE NO. (e.g., 1301)

APPROVALS: Upon completion of appropriate department approvals, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee for approval below and forward to Catalog Director.

Date

Chair, Graduate Council

Date

Chair, Undergraduate Curriculum Committee

Date

CATALOG DIRECTOR

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Date

Catalog Director

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RGR-084-405
ADVANCED TECHNIQUES IN SUPPLY CHAIN MANAGEMENT

Course Code       BUS 4550
Prerequisite      BUS 3550

Course Descriptions
Covers advanced theory and practice of supply chain management including operational and logistics support. Provides an understanding of strategy, organizational structure and new technologies in supply chain management. Includes the concepts and tools of electronic communications and information technology systems with the requirements, specifications, planning, program design, and maintenance and quality assurance of for supply management systems.

Course Learning Objectives: The student will be able to:

- Understand, apply and analyze the concepts of supply chain management (SCM) in complex commercial markets and governmental operations
- Analyze, improve and implement new systems for organizational supply requirements and the purchasing process
- Develop, design and implement information systems for the management of distribution and marketing channels
- Understand and apply the ethical and social policy considerations to supply chain systems
- Understand the challenges and opportunities or supply chain management in the multi-cultural and economic systems of a global economy

Topics Covered and Associated Time (45 contact hours)
- Introductory Concepts (6 hours)
  - Review the fundamentals of supply chain management
  - Assess the operational environments of commercial, not-for-profit and governmental needs
- Supply Chain Operational Issues (6 hours)
  - Internet, Intranet, and Extranet
  - Quality control
  - Customer satisfaction
  - Regulatory compliance
- Supply Chain Management Strategy (3 hours)
- Total organizational and supply chain management integration (3 hours)
- Enterprise Resource Planning (ERP) Systems (3 hours)
- Models and Structures for Supply Chain Systems (6 hours)
  - Financial controls
  - Performance evaluation
  - E-business
- Legal issues and ethics (3 hours)
- Human Resources Development for Supply Chain Management (3 hours)
- New trends and their effect on Supply Chain Management (3 hours)
- Global supply chain operations (3 hours)
- Examinations (6 hours)
Assessment

- Participation 10%
- Subject (Article) Presentation 15%
- Case Presentation (2-3 person group) 15%
- Mid-term Exam 30%
- Final Exam 30%

Class Schedule: 1 three hour class per week for 15 weeks

Contribution of Course to meeting the Requirements of the Curriculum: Elective for the development of in-depth expertise in specific logistic management skills and knowledge (3 credits).

Prepared by: Adjunct Professor, Dr. William K. Shockley, DBA and Assistant Professor and Site Director, Terry W. Raney, MBA, JD

Potential Text (s)


Notes to Instructor

Subject (Article) Presentation
Each student will research three peer-reviewed (scholarly) articles less than four (4) years old from the FIT on-line library that pertain to a subject within the SCM arena. These three articles will be summarized in a 1500-word paper. Within this paper the student should show current day applications pertaining to his/her work area. The student will present a summary of the paper to the class orally.

Case Presentation
A team of two to three students will present two cases to the case class. The case should be summarized to allow the class to understand the case. The team will then present responses to questions or an analysis of the case with recommendations for action. Recommendations will include rationale for the recommendation.

Project Research
Each team will choose a business to review and analyze for SCM activities. It is recommended that the team check with the manager of the establishment they desire to study to ensure that the manager will work with the team. If the instructor chooses a common industry (e.g., fast food) and each team studies a different organization (e.g., Wendy's, Chick-fil-A, McDonalds) then when the teams present their findings, the opportunity for a discussion on different styles and activities can be discussed. A written paper, approximately 2,400 words is suggested for each team.

Book
The Springer book is available as on-line version also.
Florida Institute of Technology

ADDING A NEW COURSE TO THE CURRICULUM

This course is available for student registration only after the approval process has been completed.

SUBJECT BUSINESS
(Course Number) 4552
CREDIT HOURS 3
TERM TO BE ADDED TO THE FILE Fall 2010
(CLASS HOURS 45/semester LECTURE HOURS
LAB HOURS CONTACT HOURS (CEU ONLY)

DEPARTMENT College of Business
(Schedule Type Lecture)

☐ COLLEGE OF AERONAUTICS - 23
☐ COLLEGE OF PSYCHOLOGY AND LIBERAL ARTS - 25
☐ NATHAN M. BISK COLLEGE OF BUSINESS - 24
☐ COLLEGE OF SCIENCE - 26
☐ COLLEGE OF ENGINEERING - 1
☐ EXTENDED STUDIES DIVISION / NATHAN M. BISK COLLEGE OF BUSINESS - 90

COMPUTER TITLE Restricted to 25 characters, including spaces
Inventory Control Mgmt

CATALOG TITLE Inventory Control Management

CATALOG DESCRIPTION OF COURSE Restricted to 350 characters, including spaces
Includes management techniques and methods related to the life-cycle management of material. Addresses material management systems and concepts of standardization, modernization, material reserve, cataloging, pre-ordering, storage and distribution. Applies management principles to inventory control.

In addition, please attach a course syllabus and/or more detailed description.

REQUIREMENTS
Prerequisite BUS 3550
Corequisite
Course Number

GRADATIONS TO BE ISSUED
A, B, C, D, F
A, B, C, D, F, CEU
CEU
S, U
P, F
Other

ADDITIONAL RESTRICTION
(e.g., Major, Class Level, Department Head Approval)

If this course replaces a course currently offered in BANNER, please indicate old course information and the date/term the course may be removed from the system.

SUBJECT Alpha Prefix (e.g., CSE)
(Course Number) 1301

APPROVALS: Upon completion of appropriate department approvals, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee for approval below and forward to Catalog Director.

Chair, Graduate Council
Date

Chair, Undergraduate Curriculum Committee
Date

CATALOG DIRECTOR

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Date

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RGR-026-426
INVENTORY CONTROL AND MANAGEMENT

Course Code    BUS 4552
Prerequisite   BUS 3550

Course Descriptions
Includes management techniques and methods related to the life cycle management of material. Addresses material management systems and concepts of standardization, modernization, material reserve, cataloging, pro-ordering, storage and distribution.

Course Learning Objectives: The student will be able to:

- Understand and apply management principles to inventory control
- Understand the techniques for material planning
- Recognize the types of inventory and when and how to apply the various management processes to the inventory types
- Understand, analyze and apply:
  - Materials Requirement Planning (MRP I)
  - Manufacturing Resource Planning (MRP II)
  - Enterprise Resource Planning (ERP) and
  - Supply Chain Management (SCM)

Topics Covered and Associated Time (45 contact hours)

- Introductory concepts (6 hours)
  - Objectives and purposes of inventory management
  - Accounting concepts
- Inventory systems (18 hours)
  - Inventory classifications – raw materials, work-in- process, and finished goods.
  - EOQ and derivations
  - Just-in-Time (JIT)
  - ABC classifications
  - Using the 80/20 rule and ABC classifications
  - Special issues involving controlled substances, radiological materials and hazardous waste
- Inventory control systems (9 hours)
  - Financial, tax and management systems for inventory control
  - Inventory turnover and other performance measurements
  - Data base management systems, hardware and software requirements
- Physical inventories and cycle counting (3 hours)
- Trends in inventory management forecasting (3 hours)
- Examinations (6 hours)
Assessment

- Participation 10%
- Subject (Article) Presentation 15%
- Case Presentation (2-3 person group) 15%
- Mid-term Exam 30%
- Final Exam 30%

Class Schedule: 1 three hour class per week for 15 weeks

Contribution of Course to meeting the Requirements of the Curriculum: Elective for the development of in-depth expertise in specific logistic management skills and knowledge (3 credits).

Relationship of Course to Program Outcome: See assessment matrix attached.

Prepared by: Adjunct Professor, Dr. William K. Shockley, DBA and Assistant Professor and Site Director, Terry W. Raney, MBA, JD

Potential Text (s)


Notes to Instructor

Subject (Article) Presentation

Each student will research three peer-reviewed (scholarly) articles from the FIT on-line library that pertain to a subject within the Inventory Control and Management arena. Additional non-scholarly papers may be used to support the scholarly papers. The main portion of the student's paper should be from the scholarly papers. These three articles will be summarized and written up in a 1500-word paper. Within this paper the student should show current day applications pertaining to his/her work area. The student will present a summary of the paper to the class orally.

Case Presentation

A team of two to three students will present two cases to the case class. The case should be summarized to allow the class to understand the case. The team will then present responses to questions or an analysis of the case with recommendations for action. Recommendations will include rationale for the recommendation.
Florida Institute of Technology

ADDING A NEW COURSE TO THE CURRICULUM

This course is available for student registration only after the approval process has been completed.

SUBJECT BUS COURSE NO. 4553 CREDIT HOURS 3 TERM TO BE ADDED TO THE FILE Fall 2010

CLASS HOURS 45/semester LECTURE HOURS CONTACT HOURS (CEU ONLY)

DEPARTMENT College of Business SCHEDULE TYPE Lecture

□ COLLEGE OF AERONAUTICS – 23 □ COLLEGE OF PSYCHOLOGY AND LIBERAL ARTS – 25
□ NATHAN M. BISK COLLEGE OF BUSINESS – 24 □ COLLEGE OF SCIENCE – 26
□ COLLEGE OF ENGINEERING – 1 □ EXTENDED STUDIES DIVISION / NATHAN M. BISK COLLEGE OF BUSINESS – 90

COMPUTER TITLE Integrated Log Mgmt

CATALOG TITLE Integrated Logistics Management

CATALOG DESCRIPTION OF COURSE Restricted to 150 characters, including spaces

Covers the structure of the integrated logistics management (ILM) philosophy and how to apply information technology processes and systems to ILM. Provides the framework for integrated logistics support (ILS). Discusses the management tools available to logistics managers and places ILS in perspective within the acquisition process.

In addition, please attach a course syllabus and/or more detailed description.

REQUIREMENTS □ Prerequisite BUS 3550 Course Number □ Corequisite Course Number

□ Prerequisite Course Number □ Corequisite Course Number

□ Prerequisite Course Number □ Corequisite Course Number

GRADES TO BE ISSUED □ A, B, C, D, F □ A, B, C, D, F, CEU

□ CEU □ S, U □ P, F □ Other

ADDITIONAL RESTRICTION (e.g., Major, Class Level, Department Head Approval)

If this course replaces a course currently offered in BANNER, please indicate old course information and the date/term the course may be removed from the system.

SUBJECT Alpha Prefix (e.g., CSE) COURSE NO. (e.g., 1301)

APPROVALS: Upon completion of appropriate department approvals, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee for approval below and forward to Catalog Director.

Chair, Graduate Council Date

OR

Chair, Undergraduate Curriculum Committee Date

CATALOG DIRECTOR

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RGR-036-10
INTEGRATED LOGISTICS MANAGEMENT

Course Code       BUS 4553
Credit Value      BUS 3550

Course Descriptions

Provides the framework for integrated logistics support (ILS). Discusses the management tools available to logistics managers and places ILS in perspective within the acquisition process. Includes understanding of all elements of ILS, the relationship of ILS elements to ILS planning and current systems acquisition practices.

Course Learning Objectives: The student will be able to:

- Understand the concept and structure of the Integrated Logistics Management (ILM) Philosophy
- Apply Information Technology (IT) processes and systems to ILM
- Apply the cost/benefit process to the operational options of an logistics system
- Understand the functions of the various components of an integrated logistics system within the acquisition process

Topics Covered and Associated Time (45 contact hours)

- Introductory Concepts (6 hours)
  - Application of concepts to real world organizations – for-profit and not-for-profit
  - Role of materials management in the logistics strategies
  - Time based materials management control
  - Japanese management principles
  - Just in time (JIT) inventory management
  - Importance of an Integrated Logistics Management philosophy

- Materials management, appraisal, control and information requirements and reporting (15 hours)
  - Location Planning
  - Customer Service
  - Transportation
  - Warehousing
  - Packaging

- Information Technology (IT) in ILM (9hours)
  - Data management
  - Hardware requirements
  - Software development
  - Available commercial systems
  - Concepts for systems development
  - Electronic Data Interchange (EDI) systems

- Economics of ILM (6hours)
  - Third Party Logistics (3PL)
  - Reverse Logistics

- Logistics and the Global Environment (3hours)
- Examinations (5 hours)
Assessment

- Participation 10%
- Subject (Article) Presentation 15%
- Case Presentation (2-3 person group) 15%
- Mid-term Exam 30%
- Final Exam 30%

Class Schedule: 1 three hour class per week for 15 weeks

Contribution of Course to meeting the Requirements of the Curriculum: Elective for the development of in-depth expertise in specific logistic management skills and knowledge (3 credits).

Prepared by: Adjunct Professor, Dr. William K. Shockley, DBA and Assistant Professor and Site Director, Terry W. Raney, MBA, JD

Potential Text (s)


Notes to Instructor

**Subject (Article) Presentation**

Each student will research three peer-reviewed (scholarly) articles from the FIT on-line library that pertain to a subject within the Integrated Logistics Management arena. A 1500-word paper should summarize the articles and demonstrate current day applications pertaining to his/her work area. The student will present a summary of the paper to the class orally.

**Case Presentation**

A team of two to three students will present two cases to the case class. The case should be summarized to allow the class to understand the case. The team will then present responses to questions or an analysis of the case with recommendations for action. Recommendations will include rationale for the recommendation.
This course is available for student registration only after the approval process has been completed.

**Subject:** BUS

**Course No.:** 4555

**Credit Hours:** 3

**Term To Be Added To The File:** Fall 2010

**Class Hours:** 45/semester

**Lecture Hours:**

**Lab Hours:**

**Contact Hours:**

**Department:** College of Business

**Schedule Type:** Lecture

**Catalog Title:** Procurement and Contract Management

**Catalog Description:** Covers the principles and management processes by which organizations contract for goods and services. Emphasizes the procurement activities of the U.S. federal government. Includes legal requirements for the formation, performance and modification of a contract relationship, and how to prevent disputes, controversies and cost overruns.

In addition, please attach a course syllabus and/or more detailed description.

**Restrictions:**

- **Prerequisite:** BUS 2601

**Grades To Be Issued:**

- A, B, C, D, F

**Additional Restrictions:**

- (Requirement: Senior standing.)

If this course replaces a course currently offered in BANNER, please indicate old course information and the date/term the course may be removed from the system.

**Subject:** Alpha Prefix (e.g., CSE)

**Course No.:**

**APPROVALS:** Upon completion of appropriate department approvals, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee for approval below and forward to Catalog Director.

**Catalog Director:**

These changes/additions have been made for the University Catalog/policy management system and entered into the BANNER term named above.

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RGR-036-469
Procurement & Contract Management

Course Code          BUS 4555
Prerequisite         BUS 2601 Legal and Social Environments of Business
Requirement          Senior Standing

Course Descriptions

This course provides an understanding of the principles and management processes by which organizations contract for goods and services. There is an emphasis on the procurement activities of the Federal Government of the United States.

Course Learning Objectives: The student will be able to:

- Understand the legal requirements for the formation, performance and modification of a contract relationship with particular emphasis on the Federal Government contracting process.
- Identify and describe issues, problems and opportunities in the administration and management of the contract process with particular emphasis on prevention of disputes, controversies and cost overruns.
- Be able to recognize and apply the law and management principles based on the facts and arrive at conclusions on case outcomes regarding a contract relationship.

Topics Covered and Associated Time (45 contact hours)

- Introductory Concepts (6 hours)
  - Contract theory
  - Management concepts
- Identification of organizational needs (6 hours)
  - Authority for programs and projects
  - Financial budget processes
  - Federal government budget process
- Formation of the contract relationship (3 hours)
  - Risk allocation
  - Contract types
- Administration and management of contract performance (6 hours)
  - Changes
  - Delays
  - Differing site conditions
  - Pricing and negotiation of adjustments
- Inspection and acceptance (3 hours)
- Warranties and guarantees (3 hours)
- Contract disputes (9 hours)
  - Liquidated damages
  - Economic damages
  - Equitable relief
  - Alternative dispute resolution
- Special issues for contract with government agencies (3 hours)
- Examinations (6 hours)
Assessment

- Participation 10%
- Subject (Article) Presentation 15%
- Case Presentation (2-3 person group) 15%
- Mid-term Exam 30%
- Final Exam 30%
- Total 100%

Class Schedule: 1 three hour class per week for 15 weeks

Contribution of Course to meeting the Requirements of the Curriculum: Elective for the development of in-depth expertise in specific logistic management skills and knowledge (3 credits).

Prepared by: Adjunct Professor, Dr. William K. Shockley, DBA and Assistant Professor and Site Director, Terry W. Raney, MBA, JD

Potential Text(s)


Notes to Instructor

Subject (Article) Presentation

Each student will research three peer-reviewed (scholarly) articles (less than four (4) years old) from the FIT on-line library that pertain to a subject within the procurement and contract management. Anecdotal articles (non-scholarly articles) may be used to supplement the scholarly articles by showing usage of theories or concepts. All material should be summarized in a 1500-word paper. Within this paper the student should show current day applications pertaining to his/her work area. The student will present a summary of the paper to the class orally.

Case Presentation

A team of two to three students will present two cases to the case class. The case should be summarized to allow the class to understand the case. The team will then present responses to questions or an analysis of the case with recommendations for action. Recommendations will include rationale for the recommendation.