

Curriculum Committee

Academic Year 2014-2015



New Course Proposal

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| School or Division | School of Business and Technology |
| Program or Certificate or | Choose an item. |
| New degree or certificate program | Intermodal Freight Transportation |
| Proposed by (faculty only) | Dr. Doug Nay |
| Presenter (faculty only) | Dr. Doug Nay |
| Note that the presenter (faculty) listed above must be present at the Curriculum Committee meeting or the proposal will be returned to the School or Division and must be submitted for a later date. | |
| Submission date | 11/7/2014 |
| Course prefix, number, and title | TRA 1410 – Introduction to Rail Freight Operations |

Section I, New Course Information (must complete all items)

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| List School or Division | School of Business and Technology |
| List course prerequisite(s) and minimum grade(s) (must include minimum grade if higher than a "D") | N/A |
| Will students be taking any of the prerequisites listed for this course in different parts of the same term (ex. Term A and Term B) | No |
| List course corequisites | N/A |
| Is any corequisite for this course listed as a corequisite on its paired course? (Ex. CHM 2032 is a corequisite for CHM 2032L, and CHM 2032L is a corequisite for CHM 2032) | No N/A |
| Course credits or clock hours | 3 credit hours |
| Contact hours (faculty load) | 3 |
| Select grade mode | Standard Grading (A, B, C, D, F) |
| Credit type | College Credit |
| Course description (provide below) | |
| THIS IS AN INTRODUCTORY COURSE IN RAIL FREIGHT OPERATIONS. STUDENTS EXAMINE THE ADVANTAGES AND DISADVANTAGES OF THE MOVEMENT OF FREIGHT BY RAIL, THE ORGANIZATION AND OPERATION OF RAIL LINES, INCLUDING THE USE OF INTERMODAL | |

TRANSFER FACILITIES AND ON-DOCK RAIL. TOPICS INCLUDE SHIPPING DOCUMENTS, SHIPMENT TRACKING, MANAGEMENT OF HUMAN RESOURCES AND EQUIPMENT, AND AN OVERVIEW OF HAZARDOUS MATERIALS SHIPMENTS AND SECURITY ISSUES.

General topic outline (type in outline below)

- Rail Freight Cargo Documentation
- Rail Freight Cargo Security
- Rail Freight Tracking
- Hazardous Material Handling and Processing
- Intermodal Transfer Facilities

Learning Outcomes: For information purposes only. Type in all learning outcomes, assessments, and general education competencies as they should be displayed in the syllabus. More rows can be added if necessary.

| Learning Outcomes | Assessments | General Education Competencies |
|--|--|--------------------------------|
| Explain basic logistics concepts and terms as they relate to rail freight | Quizzes, Lab exercises, Written assignments, | COM |
| Identify risks and safety/security measures in rail freight transportation and logistics | Quizzes, Lab exercises, Written assignments, | |
| Demonstrate and identify practices and procedures of rail freight operations | Quizzes, Lab exercises, Written assignments, applied demonstration | |
| Demonstrate and identify practices and procedures of rail freight-intermodal transfer operations | Quizzes, Lab exercises, Written assignments, applied demonstration | |

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| ICS code for this course | ADVANCED AND PROFESSIONAL - 1.15.05 - BUSINESS AND MANAGEMENT |
| Should any major restriction(s) be listed on this course? If so, select "yes" and list the appropriate major restriction code(s) or select "no". | No N/A |
| Is the course an "International or Diversity Focus" course? | No, not International or Diversity Focus |
| Is the course a General Education course? | No |
| Is the course a Writing Intensive course? | No |
| Is the course repeatable*? (A repeatable course may be taken more than one time for additional credits. For example, MUT 2641, a 3 credit hour course can be repeated 1 time and a student can earn a maximum of 6 credits). *Not the same as Multiple Attempts or Grade Forgiveness | No N/A |
| Do you expect to offer this course three times or less (experimental)? | No |

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| Impact of Course Proposal | |
| Will this new course proposal impact other courses, programs, departments, or budgets? | No |
| If the answer to the question above is "yes", list the impact on other courses, programs, or budgets? | N/A |
| Have you discussed this proposal with anyone (from other departments, programs, or institutions) regarding the impact? Were any agreements made? Provide detail information below. | |
| Part of Statement of Work for TAACCCT grant | |

Section II, Justification for proposal

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| Provide justification (below) for this proposed curriculum action |
| FWS applied for and received \$1.2M in TAA grant funding to provide training to economically disadvantaged populations, particularly in the eastern parts of our service area. A significant portion of the training forecast in the Statement of Work was to be in the area of Logistics in support of the |

proposed America's Gateway project in Moore Haven. That project was delayed. If the project had not been slated to move forward, FSW would have needed to submit a modified Statement of Work and nominate a different educational program. However, in late spring, Glades County received a legislative appropriation to begin construction of the America's Gateway project's training center. The project coordinators are in the process of updating the business plan and have conducted focus groups with industry to identify training needs. The County is also actively pursuing anchor companies to locate in the Intermodal Logistics Center at America's Gateway. Given that the project is moving forward and that Logistics is a primary focus of the project, it is prudent to adhere to our original intent under the Statement of Work and provide a Logistics training curriculum; however, FSW needs to start the program in the spring of 2015. In addition to America's Gateway, several existing logistics centers (Wal-Mart, LeeSar, Chico's, and Arthrex are already in operation in or near our service area and another, Cheney Brothers (with an anticipated 700 employees) is currently under construction in Charlotte County.

Section III, Important Dates and Endorsements Required

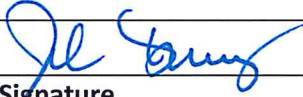
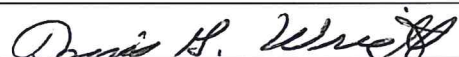
List all faculty endorsements below. (Note that proposals will be returned to the School or Division if faculty endorsements are not provided).

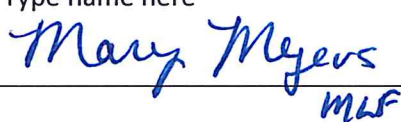
Dr. Doug Nay, Professor David Hoffman

NOTE: Changes for the Fall 2015 term must be submitted by the January 3, 2015 deadline and approved no later than the February 28, 2015 Curriculum Committee meeting. Changes during mid-school year are NOT permitted. Extreme circumstances will require approval from the appropriate Dean or Assistant Vice President as well as the Provost and Vice President of Academic Affairs to begin in either the Spring 2015 or Summer 2015 term.

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| Term in which approved action will take place | Exception, requires approval before submission to the Curriculum Committee |
| Exception to term (other than Fall 2015) | Summer 2015 |
| Provide an explanation below for the requested exception to the Fall 2015 start date. | |
| Required under terms of TAACCCT Statement of Work | |

Any exceptions to the term start date (other than Fall 2015) requires the signatures of the Academic Dean or Assistant Vice President and the Provost and Vice President, Academic Affairs prior to submission to the Dropbox.

| Dean or Assistant Vice President | Signature | Date |
|----------------------------------|--|---------|
| Dr. John Meyer |  | 11/7/14 |
| Provost and VPAA | Signature | Date |
| Dr. Denis G. Wright |  | 1/2/15 |

| Required Endorsements | Type in Name | Select Date |
|---|---|--|
| Department Chair or Program Coordinator | Dr. Doug Nay | 11/7/2014 |
| Academic Dean or Assistant Vice President | Type name here | Click here to enter a date. |
| Dean's Council Representative | Type name here  MLF | Click here to enter a date. 1/16/15 |

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| Select Curriculum Committee Meeting Date | January 23, 2015 |
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Completed curriculum proposals must be uploaded to Dropbox by the deadline. Please refer to the *Curriculum Committee Critical Dates for Submission of Proposals* document available in the document manager in the FSW Portal:

- Document Manager
- VP Academic Affairs
- Curriculum Process Documents

Important Note to Faculty, Department Chairs or Program Coordinators, and Deans or an Assistant Vice President:

Incomplete proposals or proposals requiring corrections will be returned to the School or Division. If a proposal is incomplete or requires multiple corrections, the proposal will need to be completed or corrected and **resubmitted to the Dropbox for the next Curriculum Committee meeting** (no later than January 3, 2015 to be effective for the Fall 2015 term). All Curriculum proposals require approval of the Provost and Vice President of Academic Affairs. Final approval or denial of a proposal is reflected on the completed and signed Summary Report.