

PROPOSAL SUMMARY AND ROUTING FORM

Proposal Title: FMAN 390 - Facility Management Computer Applications Seminar

Initiating Unit or Individual: Architectural Technology and Facility Management

Contact Person's Name: Diane Nagelkirk e-mail: nagelkid@ferris.edu phone: 2630

Date or Semester of Proposal Implementation: Spring 2007

- Group I - A – New degree/major or major, or redirection of a current offering
- 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

Group/Individual	Signature	Date	Vote/Action *
Program Faculty	<i>DIANE L. NAGELKIRK</i>	11/10/06	<input checked="" type="radio"/> Support <input type="radio"/> Support with Concerns <input type="radio"/> Not Support
Department Faculty	<i>DIANE L. NAGELKIRK</i>	11/10/06	<input checked="" type="radio"/> Support <input type="radio"/> Support with Concerns <input type="radio"/> Not Support
Department Head / Chair	<i>DIANE L. NAGELKIRK</i>	11/10/06	<input checked="" type="radio"/> Support <input type="radio"/> Support with Concerns <input type="radio"/> Not Support
College Curriculum Committee			<input type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
Dean	<i>[Signature]</i>	11/10/06	<input type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
University Curriculum Committee			<input type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
Senate			<input type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support
Academic Affairs	<i>Roxanne Calver</i>	11/15/06	<input checked="" type="checkbox"/> Support <input type="checkbox"/> Support with Concerns <input type="checkbox"/> Not Support

* Support with Concerns or Not Support must include a list of concerns.

To be completed by Academic Affairs		
<hr/>	<hr/>	<hr/>
President (Date Approved)	Board of Trustees (Date Approved)	President's Council (Date Approved)

REC'D NOV 13 2006

1. Proposal Summary

In an effort to respond to a shortage of Facility Management faculty and provide the best learning experience for the students an alternative course for FMAN 309 - FM Computer Applications is being proposed for spring semester 2007. This experimental course would be conducted as a seminar with the introduction of FM software by current practioners and professional experts. Facility Management software deals with diverse issues such as space planning, operations management, project and move management, inventory control, etc. Furthermore, Facility Management software is technically complex and constantly changing. A practitioner would have expert familiarity with these diverse applications, current and regular use of these applications and a deeper understanding of the software. In addition, there is no specific "industry wide" Facility Management software. As such, the seminar format allows for flexibility in exploring various software programs and will provide an optimal learning experience for the students.

2. Summary of All Course Action Required*

a. Newly Created Courses to FSU:

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

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

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

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

Prefix	Number	Title
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*Contact Senate Secretary or UCC Chair if spaces for additional courses are needed.

NEW COURSE INFORMATION FORM*See Sample: Limit to One Page.***Course Identification:**

Prefix:	Number	Title
FMAN	390	Facility Management Computer Applications Seminar

Course Description:

A survey of the use of computer software for facility management. Students will explore the use of computer software for space planning, interior design, project management, and operations of facilities.

Course Outcomes:

Student will demonstrate:

1. Understanding of various categories of FM software.
2. Awareness of analysis and selection criteria for specific application.
3. Awareness of database development.
4. Awareness of database utilization and output (i.e. report, charts, etc.)
5. Awareness of emerging technologies (i.e. web-based interface, etc.)
6. Awareness of pros and cons of outsourcing.
7. Awareness of user perspective.
8. Awareness of implementation costs (i.e. hardware, software, training, database development, etc.)

Course Outline including Time Allocation:

- I. Introduction. 1 hour
- II. Overview of FM software categories, selection, applications, adoption and use. 3 hours
- III. FM space planning software. 4 hours
- IV. FM project and move management software. 4 hours
- V. FM interior and workspace planning software. 4 hours
- VI. FM computer applications outsourcing (pros and cons). 2 hours
- VII. FM computer user perspectives. 2 hours
- VIII. FM operations and maintenance planning & management software. 4 hours
- IX. Student presentations/evaluation. 6 hours

Total Hours: 30

CREATE A NEW COURSE

Course Date Entry Form

FORM F
Create Course
rev. 2/14/05

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: a. Semester Winter b. Year 2007 See instructions.

II. PROPOSED FOR NEW COURSE: Complete all sections of this part through Prerequisites. See instructions in manual for further clarification.

a. Course Prefix FMAN b. Number 390 c. Enter Contact Hours or check Independent Study (X).
LECTure hr/week LAB hr/week INDEpendent Study

Practicum: hr/semester Seminar: hr/week

d. Full Course Title: Facility Management Computer Applications Seminar

e. Abbreviated Course Title: . (Abbreviate only if necessary. Use Arabic numerals. Limit to 26 characters and spaces.)

f. Semester(s) Offered: winter (See instructions for listing.) g. Max. Section Enrollment : 25

Credit Hours: Check (x) type and enter maximum and minimum hours in boxes.

h. Type: Variable Fixed i. Maximum Credit Hours j. Minimum Credit Hours

k. Grade Method: Check (x) Normal Grading Credit/No Credit only (Pass/Fail)

m. May Be Repeated for Added Credit: Check (x) Yes No

n. Levels: Check (x) Undergraduate Graduate Professional

o. Does proposed new course replace an equivalent course? Check (x) Yes No

p. Equivalent course: Prefix Number See instructions on Replacement courses.

q. CATALOG DESCRIPTION – Limit to 75 words – PLEASE BE CONCISE.

A survey of the use of computer software for facility management. Students will explore the use of computer software for space planning, interior design, project management, and operations of facilities.

r. Prerequisites: (if no prerequisites, write "None") Limited to 60 spaces. FMAN 321.

UCC Chair Signature/Date:

[Signature] 11, 9, 06

Academic Affairs Approval Signature/Date:

[Signature] 11/5/06

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 Received: _____ Date Completed: _____ Entered: SIS [125 ___ 1D4 ___ 12R ___, 131 ___]