

## REPEATABLE COURSES PROJECT/UGCC AND BANNER

Department Heads,

In last week's meeting, the Undergraduate Curriculum Committee recommended that the Registrar's Office solicit from each department their undergraduate courses that may be repeated for additional credit, along with the credit and repetition limits for each such course. The UGCC will review the list of courses at a future meeting. It was suggested that a repeatable course could be designated by an "R, maximum number of credits" at the end of the course description.

For your information, below is a list of courses already approved as repeatable in the catalog:

### **Undergraduate courses using "Repeatable" in Course Description copy:**

- 1) AVF 4090 SPECIAL TOPICS IN FLIGHT TRAINING (1 credits). Topics vary by semester and may include advanced instrument flight, advanced aerobatics and advanced crew resource management. Flight fees vary depending on topic and flight hours required. May be repeated for credit. (Requirement: Program chair approval.)
- 2) CRM 3415 SPECIAL TOPICS IN CRIMINOLOGY (1 credits). Topics of special interest in criminology and criminal justice are offered when student interest and staffing permit. May be repeated. Prerequisites: CRM 2445 or PSY 2447.
- 3) CSE 4401 INDEPENDENT STUDY IN COMPUTER SCIENCE (1 credits). Individual projects under the direction of faculty members of the computer science program. May be repeated for credit. (Requirement: Instructor approval.)
- 4) CSE 4402 INDEPENDENT STUDY IN COMPUTER SCIENCE (2 credits). Individual projects under the direction of faculty members of the computer science program. May be repeated for credit. (Requirement: Instructor approval.)
- 5) CSE 4403 INDEPENDENT STUDY IN COMPUTER SCIENCE (3 credits). Individual projects under the direction of faculty members of the computer science program. May be repeated for credit. (Requirement: Instructor approval.)
- 6) CSE 4510 SPECIAL TOPICS IN COMPUTER SCIENCE (3 credits). Explores new and emerging topics within the various disciplines included in the field of computer science. Subject matter varies, depending on the instructor and other available resources. May be repeated for credit, provided the topics change. (Requirement: Instructor approval.)
- 7) ECE 4001 SPECIAL TOPICS IN ELECTRICAL AND COMPUTER ENGINEERING (1 credits). Offers lab or lecture in selected fields of computer and electrical engineering. May be repeated as needed.
- 8) PSF 3515 SPECIAL TOPICS IN FORENSIC PSYCHOLOGY (1 credits). Offers topics of particular general interest in forensic psychology, criminal justice or criminology when student interest and staffing permit. May be repeated. Prerequisites: PSF 2551.
- 9) PSF 4515 ADVANCED SPECIAL TOPICS IN FORENSIC PSYCHOLOGY (1 credits). Offers topics of particular general interest in forensic psychology, criminal justice or criminology when student interest and staffing permit. May be repeated. Prerequisites: PSF 3511.

Please forward your repeatable courses to Liz Fox at [lfox@fit.edu](mailto:lfox@fit.edu).

Thanks for your help with this project. It will also allow the Registrar's Office to program repeatable courses in Banner so that they will be used correctly in automated degree audit (CAPP), which we want to roll out next year.

### **Responses to e-mail request for departments to submit:**

#### **1) From: Clayton Baum**

Sent: Monday, December 05, 2005 2:24 PM

To: Charlotte Young

Subject: Re: Repeatable undergraduate courses

Hi Cookie,

Thank you for getting the word out. Even though the courses below have been approved, I think it is important to establish the credit and repetition limits for these courses as well. You may have to ask again to get that information for these courses.

Regards, Clayton

#### **2) Civil Engineering, Ashok Pandit:**

CVE 4090: Selected Topics in Civil Engineering

CVE 4095: Independent Study in Civil Engineering

Max of 6 credits for both courses (although I doubt that anyone will ever take that many). Thanks.

#### **3) Computer Sciences, Bill Shoaff:**

Attached is a memo that I intent to send to the University Curriculum Committee, but I thought to let you see it first. It basically asks to replace CSE 4401, 4402, 4403 Independent Study with one variable credit, repeatable course CSE 4400, designated as 6 credits

max. To denote CSE 4510 Special Topics in Computer Science as 9 credits max. And to make CSE 4520 Special Topics in Software Engineering repeatable, 9 credits max. It also states that at most 9 credits in any combination of repeatable credits can be earned in either the computer science or software engineering program.

I have completed an "Adding a New Course to the Curriculum" form for CSE 4400 Independent Study in Computing (1-3 credits). It is attached too. However, when I print it, it has a COPY stamp on it. I'm confused by this.

*Attachments:*

To: University Curriculum Committee

Date: December 6, 2005

From: William Shoaff, Head, Department of Computer Sciences

Subject: Repeatable Undergraduate Classes

The Department of Computer Sciences makes the following requests:

1. The catalog description of the computer science and Software Engineering programs be altered to limit the number of credits that can be earned in any combination of repeatable courses to 9.

2. Approval of a new repeatable variable credit course, in which at most 6 credits may be earned:

**CSE 4400 INDEPENDENT STUDY IN COMPUTING** (1–3 credits). Individual projects under the direction of faculty members of the computer science or software engineering programs. Requirement: Instructor approval. (R6)

3. Removal of 3 fixed credit repeatable courses from the university catalog.

(a) CSE 4401 INDEPENDENT STUDY IN COMPUTER SCIENCE (1 credit).

(b) CSE 4402 INDEPENDENT STUDY IN COMPUTER SCIENCE (2 credits).

(c) CSE 4403 INDEPENDENT STUDY IN COMPUTER SCIENCE (3 credits).

4. The catalog description of CSE 4510 SPECIAL TOPICS IN COMPUTER SCIENCE be altered to denote that a maximum of 9 credits may be earned in it.

**CSE 4510 SPECIAL TOPICS IN COMPUTER SCIENCE** (3 credits). Explores new and emerging topics within the various disciplines included in the field of computer science. Subject matter varies, depending on the instructor and other available resources. May be repeated for credit, provided the topics change. (Requirement: Instructor approval.) (R9)

5. The catalog description of CSE 4520 SPECIAL TOPICS IN SOFTWARE ENGINEERING be altered to denote that it is repeatable and a maximum of 9 credits may be earned in it.

**CSE 4520 SPECIAL TOPICS IN SOFTWARE ENGINEERING** (3 credits). Provides instruction and experience in timely topics related to the production of quality-engineered software. May be repeated for credit, provided the topics change. (Requirement: Instructor approval.) (R9)

**4) Chemical Engineering, Paul Jennings**

At present, CHE has two "Independent Study" courses, CHE 4291/2, each with variable (1-3) credit, as well as two "Special Topics" courses, CHE 4591/2. I have assumed that it was necessary to have two numbers. If we can drop one of each of the sequences and make the other "repeatable, with a maximum of six credits", it would simplify things somewhat. We haven't had any problems, however, with the current system.

**5) College of Business, Barbara Pierce:**

We have only two repeatable courses: BUS 4504 Special Topics and BUS 5070 Special Topics, excluding anything to do with thesis. As long as the topics are different, there isn't a maximum (# of repetitions). But to be safe, let's say three repeats, or 9 credits. I can always waive should something extreme occur. That's BUS 5999 and I believe it is repeatable

**6) College of Aeronautics, John Cain:**

**COA undergraduate courses that may be repeated for additional credit.**

A repeatable course could be designated by an "R, maximum number of credits" at the end of the course description.

**AVF 4090 SPECIAL TOPICS IN FLIGHT TRAINING** (1-3 credits). Topics vary by semester and may include advanced instrument flight, advanced aerobatics and advanced crew resource management. Flight fees vary depending on topic and flight hours required. May be repeated for credit. (Requirement: Program chair approval.) **R, 6.**

**AVM 3501 SPECIAL TOPICS IN AVIATION MANAGEMENT** (3 credits). Topics of special interest offered when student interest and staffing permit. Topics announced prior to registration. **May be repeated for credit.** (Requirement: Division director approval.) **R, 6.**

**AVM 4600 AVIATION MANAGEMENT INTERNSHIP** (5 credits). Covers management training within the aviation industry. Requires a minimum of a full academic term during the senior year. For credit, this internship must be followed by AVM 4603. **May be repeated for credit.** (Requirement: Completion of junior year major requirements, cumulative GPA of 2.8 or higher and faculty committee approval.) **R, 10.**

**AVM 4602 INDEPENDENT STUDY IN AVIATION MANAGEMENT** (3 credits). Provides outstanding students an opportunity to pursue independent study on selected subjects to a depth not otherwise available in the curriculum. Requires preparation of a formal written paper and an oral examination. **May be repeated for credit.** (Requirement: 2.8 cumulative GPA and division director approval, senior standing.) **R, 6**

**AVM 4603 AVIATION MANAGEMENT SEMINAR** (1 credit). Students present formal oral and written reports on their management internship to students and faculty for comment and critique. Mandatory in the first semester after completion of AVM 4600. **May be repeated for credit. R, 2.**

**AVT 3501 SPECIAL TOPICS IN AVIATION TECHNOLOGY** (3 credits). Topics of special interest offered when student interest and staffing permit. Topics announced prior to registration. **May be repeated for credit.** (Requirement: Division director approval.) **R, 6**

***DMES Undergraduate Courses That May Be Repeated***

**From:** George Maul

**Sent:** Tuesday, December 13, 2005 10:20 AM

**To:** Charlotte Young

**Cc:** 'John G. Windsor, Jr.'; Dr. Edward Kalajian

**Subject:** DMES Courses that Can Be Repeated

Dear Cookie, As per your request, attached are the DMES courses that can be repeated. Cheers, George

George A. Maul, Ph.D.

Professor and Department Head

Department of Marine and Environmental Systems

Florida Institute of Technology

<b>Course #</b>	<b>Course Title</b>	<b>Credits</b>	<b># Repeats</b>	<b>Total Credits</b>
ENS 4901	Special Topics in Environmental Science	1	3	3
ENS 4902	Special Topics in Environmental Science	2	3	6
ENS 4903	Special Topics in Environmental Science	3	3	9
ENS 4911	Environmental Field Projects	1	4	4
ENS 4912	Environmental Field Projects	2	2	4
MET 1999	Weather Briefing	1	3	3
OCE 4591	Special Topics in Ocean Engineering	1	3	3
OCE 4592	Special Topics in Ocean Engineering	2	3	6
OCE 4593	Special Topics in Ocean Engineering	3	3	9
OCE 4911	Marine Field Projects	1	4	4
OCE 4912	Marine Field Projects	2	2	4
OCN 4901	Special Topics in Oceanography	1	3	3
OCN 4902	Special Topics in Oceanography	2	3	6
OCN 4903	Special Topics in Oceanography	3	3	9
OCN 4911	Marine Field Projects	1	4	4
OCN 4912	Marine Field Projects	2	2	4
OCN 4991	Undergraduate Research in Oceanography	1	3	3
OCN 4992	Undergraduate Research in Oceanography	2	3	6
OCN 4993	Undergraduate Research in Oceanography	3	3	9