REQUEST FOR A NEW COURSE
University of Central Oklahoma

Course Subject (Prefix), Number, and Title:

<table>
<thead>
<tr>
<th>Course</th>
<th>Recommended</th>
<th>Course Title (maximum of 30 characters)</th>
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</thead>
<tbody>
<tr>
<td>FRSC</td>
<td>6503</td>
<td>Global Perspectives</td>
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</table>

Course Title: (full title of course if longer than 30 characters)

Global Perspectives in Forensic Science

For information regarding CIP codes contact your department chair or visit: http://www.uco.edu/academic-affairs/ir/program_inventory.asp
CIP Code: 43.0406

For graduate courses, please attach a syllabus for this course. (See syllabus requirement policy 2.2.)

Course description as it will appear in the appropriate catalog.
Course description only. Do not include prerequisites or enrollment restrictions, these should be added under questions 6-12.
( Please use standard American English including full sentences.)

Global Perspectives in Forensic Science is designed to prepare students with a spectrum of sentinel concepts, competencies, and practices in transnational and multi-national forensic science to include: Cultural and Geopolitical contexts, competency, and diversity; International Governmental, Judicial and Investigative organizational structures and functions; Legal and Judicial issues related to international forensic science practice and performance; Leadership, Liaison, and Management in the global arena; Global Professional Responsibility and International Inquiry matters; Managerial expectations and responsibilities in international forensic science operations. In addition, the students will be introduced to current topics in international and multinational forensic science management, communication, and practice through transformative liaison experiences and special seminar series.

Forensic Science Institute
Department submitting the proposal

Dwight Adams Dadams8@uco.edu 6915
Person to contact with questions email address Ext. number

Approved by:

Department Chairperson 11/20/20
Date

College/Curriculum Committee Chair 11/20/20
Date
(Please notify department chair when proposal is forwarded to dean.)

College Dean
Date
(Please notify the department chair when proposal is forwarded to AA.)

Academic Affairs Curriculum or Graduate Council
Date
(Please notify the department chair when proposal is forwarded to dean.)

Academic Affairs Form
July, 2019

Functional Review
undergraduate proposals only)
JCGS Dean (for Graduate Proposals)  Date

Office of Academic Affairs  Date

Effective Term (assigned by AA)
1. Does this course have an undergraduate / graduate counterpart?  
   Yes [ ] No [X]

2. Is this proposal part of a larger submission package including a program change?  
   Yes [X] No [ ]

3. Does this new course affect a teacher preparation program? (All courses required for any teacher preparation program must have approval from the Council on Teacher Education (CTE) before approval from AACC or Graduate Council.)  
   Yes [X] No [ ] If yes, send copy of proposal to the Education Curriculum Committee Chair, Dr. Darla Fent.
   CTE Approval (Stamp or initial) ____________________________

4. Has this course been previously taught as a common course (4910 seminar, 4980 institute, etc.)?  
   Yes [X] No [ ] If yes, when was the most recent offering? __________

5. Does this course affect majors or minors outside the department?  
   Yes [X] No [ ] If yes, provide name(s) of department chair(s) contacted, dates, and results of discussion.

6. Prerequisite courses:  
   Example 1: MATH 1213 and (MATH 2185 or MATH 2185) and CHEM 1213 Example 3: 8 hours of biology including BIO 1404  
   Example 2: (ACCT 2113 and 2213) and (MGMT 3013 or ISOM 3613)  
   None [ ]

7. Co-requisite(s): Which of the above prerequisite courses, if any, may be taken in the same semester as the proposed new course?  
   None [ ]

8. Concurrent enrollment: Courses that must be taken the same semester. Example: lab courses.  
   None [ ]

9. Will this course have enrollment restrictions?  
   X Yes [X] No [ ] If No, go to question 13.

10. Specify which major(s) may or may not take this course. Specifying a major, excludes all other majors from enrolling.  
    Check one: May [ ] May not [ ]  
    Major Code: ____________________________

11. Which of the following student classification(s) may enroll in this course?  
    Check all that apply:  
    Graduate: (2) 19 + hours [ ]  
    Graduate: (1) 0-18 hours [ ]  
    Post Baccalaureate*: [ ]  
    Senior [ ]  
    Junior [ ]  
    Sophomore [ ]  
    Freshman [ ]  
    * Graduate level courses are not open to Post Baccalaureate students.
13. **Course objectives:** Objectives should be observable, measurable and include scholarly or creative activities to meet the course level characteristics. Course objectives should also be in line with the course description. (Please refer to instructional objectives documents at: [https://spaces.ucd.edu/display/aacccourses/UCO+AACC-main+pace#UCOAACC-mainpage-faq-helpful-hints](https://spaces.ucd.edu/display/aacccourses/UCO+AACC-main+pace#UCOAACC-mainpage-faq-helpful-hints))

Upon successful completion of this course, a student should be able to:

1. Describe the myriad of legal, judicial, and investigative issues confronting forensic science managers and practitioners operating internationally.

2. Define the many historical, cultural, and geopolitical influences impacting international forensic science practices.

3. Identify key points and structural hierarchies in international governmental, investigative, and judicial systems facing forensic science managers and practitioners.

4. Understand emerging legal issues related to strength and admissibility of forensic evidence in international courts and legal challenges stemming from laboratory analyses, management, and practices.

5. Demonstrate critical thinking, communication, and writing skills relevant to international forensic science operations and leadership.

6. Understand the importance of cultural competency, diversity awareness, and professional responsibility in international forensic science practice.

7. Demonstrate a keen understanding of international forensic science standards, practices, procedures and managerial responsibilities.

8. Understand the current and future expectations of forensic science practitioners, managers, and educators in global and international collaborations.

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**Course Detail Information:**

14. **Contact Hours (per week)**

   - [ ] Lecture hours (in class)
   - [ ] Lab hours (also studios)
   - [ ] Other (outside activities)

15. **Repeatability course.**

   - [ ] Number of times this course can be taken for credit:

16. **Schedule type: (select one only)**

   - [ ] Activity P.E. (A)
   - [ ] Lab only (B)
   - [ ] Lecture/Lab (C)
   - [X] Lecture only (L)
   - [ ] Recitation/Lab (R)
   - [ ] Student Teaching (STU)
   - [ ] Studio Art/Design (XSU)
17. List existing course(s) for which this course will be a prerequisite. Adding a “new course” as a prerequisite to an existing course will likely cause enrollment problems. (Please submit a prerequisite change form for each course for which this course will serve as a prerequisite.)

None

18. What resources, technology or equipment must be acquired to teach this course? List items, which must be purchased and estimate cost. (Be specific, e.g., technology software, equipment, computer lab; etc.)

The FSI currently possesses all necessary equipment and technology for this course

19. The UCO library has the required library resources for the new course:

Yes [x] No

If no, provide a list of materials needed and contact the library at libraryresearch@uco.edu for a cost estimate.

Additional funds are being requested for library resources to support this course:

Yes [x] No

$ _______________ (amount requested)

20. Names of current faculty qualified to teach this course.

Dr. James Creecy, Dr. Tom Jourdan, Dr. Dwight Adams, Dr. Wayne Lord, Dr. Mark McCoy

21. Additional faculty (adjunct or full-time) required and specific competencies required to teach this course:

Staffing for this new course will come from existing faculty that will be supplemented by additional faculty position(s) as described in the proposed program budget.

22. How will this course be staffed and equipped? Identify the additional costs associated with this new course. If no costs, explain why not.

Staffing for this new course will come from existing faculty that will be supplemented by additional faculty position(s). All resources, technology and equipment for this new course already exist within the Forensic Science Institute. No new purchases will be required.

23. Identify the source(s) of funds for any additional costs for the new course. i.e. internal reallocations, special fees from students, etc. If you plan to propose special fees be assessed for this course, be aware there is a separate approval process for special fees.

The proposed budget for the program does not require new funds for this course.

24. Projected enrollment for two academic years following approval of new course:

<table>
<thead>
<tr>
<th>Semester</th>
<th>2021</th>
<th>2022</th>
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<tbody>
<tr>
<td>Fall</td>
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<tr>
<td>Spring</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Summer</td>
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25. Using State Regents’ definition of liberal arts and sciences (quoted below), characterize the course as follows:

X Liberal arts and sciences

Non-liberal arts and sciences

“The liberal arts and sciences are defined as those traditional fields of study in the humanities; social and behavioral sciences; communications; natural and life sciences, mathematics; and the history, literature, and theory of fine arts (music, art, drama, dance). Courses in these fields whose primary purpose is directed toward specific occupational or professional objectives, or courses in the arts which rely substantially on studio or performance work are not considered to be liberal arts and sciences for the purpose of this policy. Courses required for the General Educational
Program are not necessarily synonymous or mutually exclusive with the liberal arts and sciences.” State Regents Policy and Procedures, Chapter 2, Section 5. “Degree Requirements” part 1, (2), P. II-2-86

26. Please provide a concise, yet comprehensive, statement that explains the reasons for requesting the new course. Include documentation or assessment information supporting the specific request (if possible). Indicate the expected source of student enrollment (majors, minors, programs etc.)

The purpose of the proposed course and program would be to train graduate students in a contemporary applied STEM program integrating multiple forensic science disciplines. The program will be designed to provide training and advanced research in complex systems, analytical and quantitative problem solving, multidisciplinary teamwork, and scientific writing/presentation along with technical management that crosses the boundaries of traditional forensic science disciplines while at the same time ensuring that graduates have a depth of understanding in the field. Furthermore, based upon a National Academy of Sciences report related to Forensic Science, the Forensic Science Education Programs Accreditation Commission (FEPAC) has expressed support for institutions of higher education to establish terminal degree programs in Forensic Science. Therefore, with a Forensic Science component, the proposed DSc-FS program would be unique in the state, and one of the few terminal degrees in the nation addressing the need for training a workforce for the expected growth in forensic science positions.

27. Which of the six transformative learning tenets does this course incorporate? (Check all that apply or only those that apply) This question was a directive from the Provost and is used for informational purposes.

<table>
<thead>
<tr>
<th>Discipline Knowledge</th>
<th>Leadership</th>
<th>Research, Scholarly and Creative Activities</th>
<th>Service Learning and Civic Engagement</th>
<th>Global and Cultural Competencies</th>
<th>Health and Wellness</th>
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<tbody>
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<td></td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
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28. Clearly explain how the characteristics of this course meet or exceed those outlined in Course Level Characteristics. (Copy and paste from "Course Level Characteristics" document for the appropriate course level of proposed course. Document may be found on: https://spaces.uco.edu/display/aacccproposals/UCO+AACC-main+page#UCOAACC-mainpage-faq-helpful-hints.

### 6000 LEVEL COURSES

<table>
<thead>
<tr>
<th>Course Level Characteristics</th>
<th>Please describe how this course meets this requirement.</th>
</tr>
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<tbody>
<tr>
<td>1. It is assumed that students in these courses have sufficient graduate coursework requiring a serious commitment of time and energy and are pursuing a doctoral degree within the university.</td>
<td>This course is part of the core curriculum for the doctoral degree in forensic science. As such, only students that are admitted to the doctoral program in forensic science will be permitted to enroll in this course. As with all proposed 6000 level courses in the forensic science program, the coursework required to complete this course is robust and sufficient for earning a DSc.</td>
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2. It is assumed that students in these courses have mastered the ability to engage in critical thinking, decision making, and independent judgement while retaining ethical accountability. | Throughout the semester, students will be required to apply the knowledge learned in this class to develop and extend their international awareness skills and communicate their findings clearly to audiences of other forensic science program managers, executives, |
<p>| | |</p>
<table>
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<tr>
<td>3.</td>
<td>It is assumed that students in these courses have mastered disciplinary knowledge as evidenced by an ability to engage with and contribute to theoretical and empirical knowledge in the field.</td>
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<td></td>
<td>A Doctoral student in this course will master discipline knowledge in the area international collaboration, cultural competency, global communication, and international liaison applied to the field of forensic science. Students will learn by engaging in the authentic activities of applied collaboration and liaison. They will model the use of novel international management techniques and then apply these new collaborative approaches to real and perceived challenges and problems. Students will interpret the outcomes of their observations and findings and communicate these interpretations clearly and concisely both orally and in writing.</td>
</tr>
<tr>
<td>4.</td>
<td>It is assumed that students in these courses have mastered the ability to design, conduct, evaluate, complete, and disseminate scholarly contributions in the field as well as to provide supervision of scholarly pursuits if assigned.</td>
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<td></td>
<td>This course teaches the key components of global forensic science practice and will help educate students in the understanding and importance of contextual history, cultural competency, effective communication and expert liaison in international forensic science practice. Students will review and critique global forensic science practice with specific examples from various forensic science agencies, organizations and specializations.</td>
</tr>
<tr>
<td>5.</td>
<td>It is assumed that students in these courses demonstrate an individual responsibility, personal accountability, and professional obligation to provide leadership in and a contribution to the field.</td>
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<tr>
<td></td>
<td>Students will demonstrate individual responsibility, personal accountability, and professional obligations through the graded assessments (i.e. oral and written reports). In addition, contribution to the field will be recognized in the interpretation and review of international collaboration in forensic science practice and the continued contribution to improving global cooperation in the field.</td>
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FRSC 6503 – Global Perspectives in Forensic Science

**Potential Instructors:** Dr. Dwight Adams, Dr. Wayne Lord, Dr. Mark McCoy, Dr. John Mabry, Dr. Thomas Jourdan

Office:
Phone:
E-mail:
Office hours:

**Course Description:** Global Perspectives in Forensic Science is designed to prepare students with a spectrum of sentinel concepts, competencies, and practices in transnational and multi-national forensic science to include: Cultural and Geopolitical contexts, competency, and diversity; International Governmental, Judicial and Investigative organizational structures and functions; Legal and Judicial issues related to international forensic science practice and performance; Leadership, Liaison, and Management in the global arena; Global Professional Responsibility and International Inquiry matters; Managerial expectations and responsibilities in international forensic science operations. In addition, the students will be introduced to current topics in international and multinational forensic science management, communication, and practice through transformative liaison experiences and special seminar series.

**Course Objectives:** Upon successful completion of this course, a student should be able to:

1. Describe the myriad of legal, judicial, and investigative issues confronting forensic science managers and practitioners operating internationally.
2. Define the many historical, cultural, and geopolitical influences impacting international forensic science practices.
3. Identify key points and structural hierarchies in international governmental, investigative, and judicial systems facing forensic science managers and practitioners.
4. Understand emerging legal issues related to strength and admissibility of forensic evidence in international courts and legal challenges stemming from laboratory analyses, management, and practices.
5. Demonstrate critical thinking, communication, and writing skills relevant to international forensic science operations and leadership.
6. Understand the importance of cultural competency, diversity awareness, and professional responsibility in international forensic science practice.
7. Demonstrate a keen understanding of international forensic science standards, practices, procedures and managerial responsibilities.
8. Understand the current and future expectations of forensic science practitioners, managers, and educators in global and international collaborations.

**Transformative Learning and the Central 6:** At the University of Central Oklahoma,
we are guided by the mission of helping students learn by providing transformative experiences so that they may become productive, creative, ethical and engaged citizens and leaders contributing to the intellectual, cultural, economic and social advancement of the communities they serve. Transformative learning is a holistic process that places students at the center of their own active and reflective learning experiences. A student's major field is central to the learning experience and is a vital part of the "Central Six."
This course will cover the central six in the following ways:

**Discipline Knowledge** – this course provides an advanced understanding of international forensic science investigative methods, techniques, and technical standards.

**Leadership** – this course demonstrates leadership skills at all levels of the international criminal justice and scientific systems to include crime scene units and forensic science disciplines.

**Research, Scholarly and Creative Activities** – this course emphasizes best practices in collaborative international forensic science research, educational, and practice for forensic science agencies and laboratory management in the global arena.

**Global and Cultural Competency** – this course highlights international investigations and global cooperation between international forensic science agencies in addressing the investigation and resolution of global and transnational crimes.

**Service Learning and Civic Engagement** – this course provides a comprehensive review, from crime scene to courtroom, of collaborative international forensic science management and practice as a critical component of global equity and justice.

**Recommended Textbook** (Required for Forensic Science students): None

**D2L Access and Modules:** Course materials will be posted on D2L throughout the semester. Each unit in the class will have a corresponding module on D2L. The modules will contain an overview document (which contains all relevant information for the unit), a pdf of the lecture slides, assigned readings (if applicable), and supplementary material. Please check the course site regularly for information. The D2L website is: learn.uco.edu.

**Accommodations:** Students with disabilities who should receive accommodations must contact Disability Support Services (DSS) at (405) 974-2516 (V/TTY). The DSS Office is located in the Nigh University Center, Room 305. See me outside of class as soon as possible to better ensure that accommodations are implemented in a timely fashion so that all students get an equal chance to show their understanding and abilities. The University of Central Oklahoma complies with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990.

**UCO Student Information Sheet and Course Concerns or Complaints:** The best way to resolve any conflict is through the proper process. You will more likely be able to have your concerns addressed if you work with the instructor. If you cannot resolve your issues
with your instructor, then you may proceed according to the guide below.

1. Talk to your instructor first. Make an appointment during his or her office hours to discuss your concern. Be prepared. If your concern is about a grade, be sure to bring in your papers.

2. If you are still unsatisfied, you can talk to the Institute Director (FSI). You can make an appointment by calling (405) 974-6910. Bring any notes or papers that are pertinent, as well as your course syllabus.

3. If you remain unsatisfied after you speak to both your instructor and the Institute Director or Department Chair, you have further options depending on the nature of the concern.

   A.) If your concern deals with a grade issue, the next step involves a formal grade appeal. The procedures are explained in the UCO Catalog.

   B.) If you remain unsatisfied with something other than a grade, you can consult the UCO STUDENT INFORMATION SHEET found at http://sites.uco.edu/academic-affairs/files/aa-forms/StudentInfoSheet.pdf

Please see the UCO Student Information Sheet for UCO policies on Academic Integrity; UCONNECT; D2L; ADA Statement; Incomplete Grades; Withdrawals From Class; Emergency Individual Class Drop or Complete Withdrawal; Important Dates; Semester Holidays; Library Hours; Weather Related Information; Emergencies During Final Exams; Final Exam Daily Limits; Contacting Faculty Members; Class Attendance; Expectations of Work; Helpful Numbers; Emergency Evacuations and Drills, and other academic and administrative matters.

**Grading:** There will be 2 midterm exams and a final exam. The midterm exams will cover material from lectures, readings, and exercises. The final exam will be comprehensive. Exercises will have associated reports and/or questions that will be graded. Students will be required to write and present an original report.

**Your grade will be calculated as follows:**

2 Semester Exams (100 pts each)  200 pts
Final Exam (Comprehensive)      200 pts
International Liaison Project   400 pts
Readings Evaluation and Analyses 100 pts
Oral Reflection Presentation    100 pts
Total                           1000 pts

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>≥90%</td>
</tr>
<tr>
<td>B</td>
<td>80-89%</td>
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International Liaison Project: I will assign each student an international geopolitical region of importance to forensic science. Students will be required to establish liaison contacts within the forensic science community within their assigned region. A detailed analysis of the investigative, forensic, and judicial practices inherent within the assigned region will be compiled, based upon the established collaborative liaison. Contingent upon travel opportunities, available financial resources, and other program logistic and administrative considerations, the liaison collaborations may be accomplished via on-site international travel or virtual communication channels.

Readings Assignments: I will assign international forensic science management, leadership, and global competency articles throughout the semester for topics and geopolitical regions highlighted in . Additionally, I will post notes for most topics. These articles and notes will be placed in modules located on D2L. You will be expected to read, analyze and critique these articles and notes prior to coming to class. Supplemental articles will be placed on D2L throughout the semester. These articles are intended as extra reading to expand your knowledge and you will not be held responsible for this material. Required reading and supplementary articles may not be used for the graduate student report.

Oral Reflection and Culminating Presentation: You must complete a report containing the information listed below. The report should be at least 5 pages in length and no more than 10 pages (not including the literature cited, tables, or figures). The report should be typed, double-spaced, and in 12-pt Times New Roman or Arial Font. You may add figures or tables if desired/appropriate. Tables and figures should be placed at the end of the report. You must cite at least 10 articles in your report (you may use articles that are required or supplemental reading for the course, but you must include 10 additional articles). The correct citation format and other helpful hints for writing the report are provided at the end of the syllabus. Reports must be submitted to the Dropbox located in D2L. The report must be written as if it were to be submitted to a peer-reviewed journal. This means complete sentences, proper grammar and language (no slang, casual language, embellishments, etc.), and proper format.

Format (Please include the following information in the following order):

- Abstract – one paragraph summary of the report
- Review – describe the pertinent literature that has been published to date.
- Conclusions – Address what you think will be the next step in the field with regard to leadership and management within a scientific organization. What are some problems in the field that still need to be addressed?
- Literature Cited – bibliography of all cited work; make sure that the citations occur in the correct format in both the literature cited and the text; the citations in the literature cited should be listed in alphabetical order.
- Figures and Tables – include any appropriate tables or figures; provide
proper figure and table legends

During the final week of class, students will be required to give a 30-minute PowerPoint presentation (including question time) over their report. These presentations will be graded by the instructor as well as by the other students in the class. The presentation should include the following sections: Introduction; Applications of Liaison, Leadership and Management within an international forensic scientific context; Critical Issues in Global Competency and Cultural Awareness; Best Practices in International Forensic Science Collaborations. The presentation should be timed at approximately 30 minutes: 20 minutes for the presentation of material, 10 minutes for questions from the audience. The presenter should be prepared to defend his/her work.

Attendance: You will be expected to attend class and be on time. You must be in class to submit assignments. If you miss a class, it is your responsibility to make sure that you obtain any information missed during your absence. I will pass a role sheet every day. Please make sure you check your own name every day.

Classroom Policy: Coming to class late, habitually leaving class early, cell-phone use, or creating any disturbance in class is/are not acceptable. Computers will be allowed in the classroom for note-taking purposes only. If you are observed using computers for any other purposes (checking email, etc.), you will no longer be allowed to bring them in the classroom. No cell phones or computers are allowed during tests. Academic dishonesty will not be tolerated.

Academic Dishonesty: Unless specifically allowed by the instructor, using electronic devices (cell phones, cameras, laptops, netbooks, iPads, translators, etc.) during assignments, activities, quizzes, and exams is cheating and will result in a zero (0 points). Using electronic devices to photograph in-class exercises, quizzes, and/or exams is considered academic dishonesty. You should familiarize yourself with the expectations of student conduct and the possible penalties for academic dishonesty found in the following document: [http://www.uco.edu/academic-affairs/files/codeofconduct.pdf](http://www.uco.edu/academic-affairs/files/codeofconduct.pdf)

Giving of Incompletes (I grades): UCO policy applies and it is not an option for exiting a poor performance. An “I” will be given only if you have completed the course with the exception of some specific material (such as the final), are passing with the exception of the missing material, and we have met to determine when you will make up the material. An “I” will be converted to an “F” if the student does not follow through and complete the course requirements within the stated time limit.