

I

PLEASE DISREGARD
AT THIS TIME.
per Barbara Taylor, 11/2011

XXX
XXXX
XXXX
XXX
XXX
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XXX
XXXX

Fall, Spring, Summer (Every, or Even-numbered Years, or Odd-numbered Years) — or As Demand Warrants

7. SEMESTER & YEAR OF FIRST OFFERING (AY2011-12 if approved by 3/1/2012; otherwise AY2012-13)

Fall 2011

8. COURSE FORMAT:

If the course can be repeated with variable credit, what is the maximum number of credit hours that may be earned for this course?

6

CREDITS

21. POSITIVE AND NEGATIVE IMPACTS

Please specify positive and negative impacts of the proposed change on the program.

course. If such courses exist, cross-listing JKSA could be beneficial.

applications to measure the quality of UAE education is not lower as a result of the proposed change. Please address the following needs to be satisfied:

NEED 1: QIA

NEED 2: QIA

NEED 3: QIA

NEED 4: QIA

NEED 5: QIA

NEED 6: QIA

NEED 7: QIA

NEED 8: QIA

NEED 9: QIA

NEED 10: QIA

NEED 11: QIA

NEED 12: QIA

NEED 13: QIA

NEED 14: QIA

NEED 15: QIA

Quantum Chair/Program Director

Preliminary Syllabus:

URSA 488 Undergraduate Research and Creative Scholarship II

Fall 2011

Course Information

Title: Undergraduate Research and Creative Scholarship II

CRN Number: TBD

Instructor: Barbara Taylor, PhD

Contact Information:

2. critical thinking skills leading to ability to engage in research, to interpret results and to formulate future questions and directions
3. to communicate research motivations, results and conclusions in oral, written, poster and performance formats.

Instructional Methods & Course Activities:

Course Meetings Meetings with the instructor will be held on an ad hoc basis during the first 2 weeks of the semester. The purpose of these classes is to insure students identify a research mentor, complete any safety training required for research participation in their chosen discipline and understand the requirement to produce a poster and a report by the end of the semester. Students are encouraged to identify a mentor as quickly as possible, perhaps even before the semester starts so they can have the maximum amount of time for project work. Attendance is not mandatory if the student has a research project and has completed all necessary training.

Course Projects The research project should be envisioned as a component of a publication in a peer-reviewed journal or a public performance. It should be well-defined, stand a reasonable chance of completion in the available time, apply and develop an understanding of in-depth concepts and be grounded in the primary scholarly literature.

Finding a project First-time 488 students, or returning students planning to work with a different professor, must meet with at least three faculty members to discuss possible projects. The signatures of the three faculty members must be obtained on the attached form. After these meetings the student will select a research project and mentor, as well as write a half-page description outlining the proposed project, including one reference, on the attached form. The project description must be submitted by 5 PM of the 3rd Friday of the semester (please also send a copy to the research mentor). The project description should be written in consultation with the research mentor. For information about faculty and their research areas, visit the faculty web pages at <http://www.uaf.edu/>. Continuing students must submit a project description outlining each semester's proposed research.

Number of credits Credits are assigned at the beginning of the semester when students enroll, but may be subject to change as the result of consultation between the student and professor. Two credits of URSA 488 is reserved generally for literature research or small computational projects. In general, 3 credits provides an absolute minimum amount of time to accomplish a studio-, laboratory- or field-based project; 4 credits may be appropriate if the student has a large ongoing project with plenty of available time. Six credits of URSA 488 are acquired by students who enroll in 488 for multiple semesters. Each credit of 488 corresponds to an average weekly minimum of 3 hours working productively in the laboratory/field/studio, plus 1-2 hours additional work on the project (planning, interpretation, notebook writing and background reading).

Project report Each semester a final report, written according to the format of a manuscript to be submitted to a research journal or the discipline-specific equivalent, is required. Early in the semester the student and mentor should decide

Course Policies:

Safety All research students must complete safety training. This may involve several online training presentations (with quizzes that you must pass). Contact your department's Safety Coordinator to arrange for training before beginning your project.

Safety Tips While Safety Coordinators will provide a thorough review of safety issues, and you will hopefully have gained safety knowledge in previous courses, here we emphasize several important

2. Students will not represent the work of others as their own. A student will attribute the source of information not original with himself or herself (direct quotes or paraphrases) in all assigned work.
3. No work submitted for one course may be submitted for credit in another course without the explicit approval of both instructors.

Withdrawal Students are expected to formally withdraw from the class if they cannot complete the course; they will not be automatically withdrawn by the instructor or their research mentor if they do not attend or fall behind. Students who do not successfully complete the class and do not withdraw will receive a grade of “F”.

Student Responsibility As students, you must accept the responsibility of ensuring your own success. It is your responsibility to know what you need to do and when you need to do it. This requires a great deal of initiative on your part. Always ask if you don’t know what is expected of you. Never wait for someone to tell you. “I didn’t know,” and “no one told me,” are not acceptable reasons for failure to fulfill your student obligations. I am here to help and support students who take the initiative to help themselves.

Evaluation:

Students will receive a letter grade based on their performance on course assignments.

Assignment	Percentage Contribution to Final Grade
Class Participation	10
Project Proposal	10
Poster or Talk Presentation	40
Project Report	40

Students will be graded on a straight percentage basis: 90-100% is an A, 80-89.9% is a B, 70- 9.9% is a C, 60-69.9% is a D, and < 60% is an F. Students will not be graded on a curve. This means that, in principle, it will be possible for everyone to get an A in this course.

Support Services:

Students in need of support are encouraged to contact me via telephone. I have posted office hours and am available for group and private face to face meetings during the specified times. All college classes require strong reading and communication skills. There may be a student support program in your area. **If you feel that you may be falling behind, contact me immediately** want you to be successful. Never be afraid to ask for help.

Disabilities Services:

The Office of Disability Services (208 WH, 474-5655) implements the Americans with Disabilities Act (ADA), and insures that UAF students have equal access to the campus and course

materials. I will work with the Office of Disabilities Services to provide reasonable accommodation to rural students with disabilities. Please contact me or The Office of Disability Services if you require special assistance.

University of Alaska Fairbanks, Division of General Studies
URSA 488 Undergraduate Research and Creative Scholarship II

Student name:

UAF email address (must be your UAF address):

Return this page with three or more signatures to Dr Taylor's mailbox in the URSA Office Room 301 by the 3rd Friday of the semester. Include a half-page description of the proposed research project.

Faculty researcher consulted	Signature	Date

I agree to serve as research mentor for the above student. A description of the proposed research, along with a statement of possible laboratory hazards associated with the project, is attached.

Mentor Name (print):

Date:

Mentor Signature:

Number of Credit hours:

The above student has completed his or her safety training and is approved for working on this project.

Safety Coordinator:

Date:

If IACUC or IRB training is required for the project attached an email that confirms completion of training.

Trial COURSE or New Course - FORMAT 1

University of Alaska Fairbanks, Division of General Studies
URSA 488 Undergraduate Research and Creative Scholarship II

Name:

Mentor:

Semester:

Description of proposed research (Including overview of planned laboratory procedures and materials, including descriptions of potentially hazardous procedures or materials):

Lead-in literature reference: