Biol. 692: Research Seminar

Preliminary Course Syllabus

1. Course information:
   Title: Research Seminar
   Credits: 1
   Prerequisites: Graduate student standing, Honors student standing, permission of the instructor
   Location, meeting time: Friday, 10:30 – 11:30 Irving I 201

2. Instructors:
   Barbara Taylor, fftbet@uaf.edu, 474-2487, Rm 202 AHRB
   Additional participation by other Biology & Wildlife and Chemistry & Biochemistry faculty as necessary

3. Course readings/materials:
   1) Students will be provided with excerpts from:
      The Craft of Scientific Presentations: critical steps to succeed and critical errors to avoid
      by Michael Alley 2003 Springer
   2) All students are required to attend a weekly seminar

4. Course description:
   This course offers graduate and honors students a venue for presenting their research. Instruction on effective seminar preparation and delivery is given by the instructor and example seminars are given by faculty members. The majority of presentations are made by graduate or honors students, who present on their active or proposed research. Each enrolled student is required to present one research seminar as well as attend 2/3 of the other student presentations and complete a peer evaluation form. Seminars are 45-60 min and are presented once per week.

   Content:
   1) Instruction on preparing and presenting research seminars given by the course instructor.
   2) Example research seminars given by Biology & Wildlife and Chemistry & Biochemistry faculty members.
   3) Student research seminar on active or proposed research.
   4) Peer evaluation based on a rubric defined and explained by the course instructor.

5. Course Goals and Student Learning Outcomes:
   Students will receive an introduction to the skills required for scientific presentations, gain experience giving research seminars and receive peer evaluation so that they can improve their presentation skills. At the end of the semester each student will be familiar with the critical steps to succeed and the critical errors to avoid when giving a research seminar.

6. Instructional methods:
   This course will utilize a combination of teaching techniques, including lecture and small group discussion. Resources will be provided through Blackboard.
7. Course calendar:

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8. Course policies: Students are required to attend at least one seminar per week and complete a peer evaluation form of that seminar. Students required to present at least one seminar during the semester.

9. Evaluation: Students will be assigned a pass/fail grade based on their participation as an audience member and a speaker.

10. Disabilities Services: The Office of Disability Services implements the Americans with Disabilities Act (ADA), and insures that UAF students have equal access to the campus and course materials. State that you will work with the Office of Disabilities Services (203 WHIT, 474-7043) to provide reasonable accommodation to students with disabilities.”