COURSE OUTLINE

NET313

Prepared: Brian Anstess   Approved: Sherri Smith

Course Code: Title	NET313: TERRESTRIAL STUDIES
Program Number: Name	5221: NAT ENVIRONMENT TY
Department:	NATURAL RESOURCES PRG
Semester/Term:	17F
Course Description:	Each student will be required to participate on a team to complete a community-based work project during the fall semester. Each project will consist of a minimum of 50 hours in an applied Natural Resource work environment. Progress will be monitored by faculty and milestone and final reports are required. Both the placement mentor and staff member will participate in student evaluation. It is anticipated that many of these placements will involve work under our Memoranda of Understanding and other partnerships established in Natural Resources.
Total Credits:	3
Hours/Week:	3
Total Hours:	45
Vocational Learning Outcomes (VLO's): **Please refer to program web page for a complete listing of program outcomes where applicable.**	#1. Collect, analyze, interpret and report on data from representative biological and environmental samples. #2. Utilize natural resources information technology equipment to assemble, analyze and present identified ecosystem components for purposes of conserving and managing natural resources. #7. Ensure all work is safely completed in adherence to occupational health and safety standards. #9. Provide ongoing support for project management. #10. Communicate technical information accurately and effectively in oral, written, visual and electronic forms. #11. Develop and present strategies for ongoing personal and professional development to enhance performance as an environmental technologist.
Essential Employability Skills (EES):	#1. Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience. #4. Apply a systematic approach to solve problems. #5. Use a variety of thinking skills to anticipate and solve problems. #6. Locate, select, organize, and document information using appropriate technology and information systems.

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	#9. Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals. #10. Manage the use of time and other resources to complete projects. #11. Take responsibility for ones own actions, decisions, and consequences.
General Education Themes:	Science and Technology
Course Evaluation:	Passing Grade: 50%, D

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
Communications	20%
Milestone Submissions	20%
Presentation	25%
Teamwork	10%
Workplace Performance	25%

Course Outcomes and Learning Objectives:

Course Outcome 1.

Prepare a contract between the student, and mentor for the work project prior to starting.

Learning Objectives 1.

- Describe details of the work to be performed
- Identify location of work, equipment needed and to be used
- Agree on a schedule for the work to be performed
- Prepare a simple contract for signature by the student and faculty advisor
- Provide signed and dated contract to faculty supervisor prior to starting work on project

Course Outcome 2.

Successfully integrate into a work team and perform an appropriate Natural Resources community project.

Learning Objectives 2.

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• Accept a prearranged project, make contacts as appropriate, arrange for a start date and time and perform work
• Undertake a work project as assigned, for a minimum of 50 total hours, with schedule and other details to be worked out with the supervisor
• Communicate with course faculty member via e-mail on progress and any problems encountered in completing the community project
• Communicate regularly with the supervisor on work schedule and work being done
• Demonstrate appropriate work ethic and skill level to faculty member and mentor
• Keep a daily handwritten log of hours worked, work performed, skills needed and/or learned, equipment used, person(s) with whom worked, and any interpersonal difficulties encountered
• Keep a visual record of events/work/equipment/activities during the placement using a camera
• Gather any other information/materials/resources that will assist in making an oral presentation of your work experience
• Use the opportunity for networking to advantage in preparing for future job prospects

Course Outcome 3.

Deliver an oral presentation on your field work experience.

Learning Objectives 3.

• Using suitable visual aids, deliver a 10 minute presentation to classmates detailing work performed, equipment used, skills used, new skills learned, lessons learned and any other experiences of interest to classmates
• Summarize the outcomes of the community project including methodology, findings and conclusions
• Participate in discussion with classmates after each presentation on problems that remained unsolved

Date: Thursday, August 31, 2017

Please refer to the course outline addendum on the Learning Management System for further information.