



## COURSE OUTLINE: NRT302 - FIELD INVEST TECH

Prepared: Brian Anstess

Approved: Sherri Smith, Chair, Natural Environment, Business, Design and Culinary

<b>Course Code: Title</b>	NRT302: FIELD INVESTIGATIVE TECHNIQUES
<b>Program Number: Name</b>	5221: NAT ENVIRONMENT TY
<b>Department:</b>	NATURAL RESOURCES PRG
<b>Academic Year:</b>	2022-2023
<b>Course Description:</b>	Each student will be required to participate on a team or work individually to complete a community based 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. These placements will involve work under partnerships established by the School of Natural Environment.
<b>Total Credits:</b>	2
<b>Hours/Week:</b>	3
<b>Total Hours:</b>	45
<b>Prerequisites:</b>	There are no pre-requisites for this course.
<b>Corequisites:</b>	There are no co-requisites for this course.
<b>Vocational Learning Outcomes (VLO's) addressed in this course:</b>	<b>5221 - NAT ENVIRONMENT TY</b>
<b>Please refer to program web page for a complete listing of program outcomes where applicable.</b>	VLO 3 Apply the basic concepts of science to natural resource conservation and management.
	VLO 6 Practice principles and ethics associated with natural resource conservation and management issues.
	VLO 7 Ensure all work is safely completed in adherence to occupational health and safety standards.
	VLO 10 Communicate technical information accurately and effectively in oral, written, visual and electronic forms.
	VLO 11 Develop and present strategies for ongoing personal and professional development to enhance performance as an environmental technologist.
<b>Essential Employability Skills (EES) addressed in this course:</b>	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.
	EES 2 Respond to written, spoken, or visual messages in a manner that ensures effective communication.
	EES 6 Locate, select, organize, and document information using appropriate technology and information systems.
	EES 7 Analyze, evaluate, and apply relevant information from a variety of sources.
	EES 8 Show respect for the diverse opinions, values, belief systems, and contributions of others.



	EES 9 Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals. EES 10 Manage the use of time and other resources to complete projects. EES 11 Take responsibility for ones own actions, decisions, and consequences.												
<b>Course Evaluation:</b>	Passing Grade: 50%, D  A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.												
<b>Other Course Evaluation &amp; Assessment Requirements:</b>	Academic success is directly linked to attendance. Missing more that 1/3 of the course hours in a semester shall result in an 'F' Grade for the course.												
<b>Course Outcomes and Learning Objectives:</b>	<table border="1"> <thead> <tr> <th>Course Outcome 1</th> <th>Learning Objectives for Course Outcome 1</th> </tr> </thead> <tbody> <tr> <td>1. Prepare a contract between the student, and mentor for the work project prior to starting.</td> <td>1.1 Describe details of the work to be performed 1.2 Identify location of work, equipment needed and to be used 1.3 Agree on a schedule for the work to be performed 1.4 Prepare a simple contract for signature by the student and faculty advisor. 1.5 Provide signed and dated contract to faculty supervisor prior to starting work on project.</td> </tr> <tr> <th>Course Outcome 2</th> <th>Learning Objectives for Course Outcome 2</th> </tr> <tr> <td>2. Successfully integrate into a work team and perform an appropriate natural resources community project.</td> <td>2.1 Accept a prearranged project, make contacts as appropriate, arrange for a start date and time and perform work. 2.2 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 2.3 Communicate with course faculty member via on progress and any problems encountered in completing the community project 2.4 Communicate regularly with supervisor on work schedule and work being done 2.5 Demonstrate appropriate work ethic and skill level to faculty member and mentor 2.6 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 2.7 Keep a visual record of events/work/equipment/activities during the placement using a camera 2.8 Gather any other information/materials/resources that will assist in making an oral presentation of your work experience 2.9 Use the opportunity for networking to advantage in preparing for future job prospects</td> </tr> <tr> <th>Course Outcome 3</th> <th>Learning Objectives for Course Outcome 3</th> </tr> <tr> <td>3. Deliver an oral presentation on your field work experience.</td> <td>3.1 Using suitable visual aids, deliver a presentation to classmates, mentors faculty and guests detailing work performed, equipment used, skills used, new skills learned,</td> </tr> </tbody> </table>	Course Outcome 1	Learning Objectives for Course Outcome 1	1. Prepare a contract between the student, and mentor for the work project prior to starting.	1.1 Describe details of the work to be performed 1.2 Identify location of work, equipment needed and to be used 1.3 Agree on a schedule for the work to be performed 1.4 Prepare a simple contract for signature by the student and faculty advisor. 1.5 Provide signed and dated contract to faculty supervisor prior to starting work on project.	Course Outcome 2	Learning Objectives for Course Outcome 2	2. Successfully integrate into a work team and perform an appropriate natural resources community project.	2.1 Accept a prearranged project, make contacts as appropriate, arrange for a start date and time and perform work. 2.2 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 2.3 Communicate with course faculty member via on progress and any problems encountered in completing the community project 2.4 Communicate regularly with supervisor on work schedule and work being done 2.5 Demonstrate appropriate work ethic and skill level to faculty member and mentor 2.6 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 2.7 Keep a visual record of events/work/equipment/activities during the placement using a camera 2.8 Gather any other information/materials/resources that will assist in making an oral presentation of your work experience 2.9 Use the opportunity for networking to advantage in preparing for future job prospects	Course Outcome 3	Learning Objectives for Course Outcome 3	3. Deliver an oral presentation on your field work experience.	3.1 Using suitable visual aids, deliver a presentation to classmates, mentors faculty and guests detailing work performed, equipment used, skills used, new skills learned,
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	<p>lessons learned and any other experiences of interest to classmates</p> <p>3.2 Summarize the outcomes of the community project including methodology, findings and conclusions</p> <p>3.3 Participate in discussion with classmates after each presentation on problems that remained unsolved</p>										
<b>Evaluation Process and Grading System:</b>	<table border="1"> <thead> <tr> <th>Evaluation Type</th> <th>Evaluation Weight</th> </tr> </thead> <tbody> <tr> <td>Communication</td> <td>30%</td> </tr> <tr> <td>Overall</td> <td>20%</td> </tr> <tr> <td>Presentation</td> <td>20%</td> </tr> <tr> <td>Professionalism</td> <td>30%</td> </tr> </tbody> </table>	Evaluation Type	Evaluation Weight	Communication	30%	Overall	20%	Presentation	20%	Professionalism	30%
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<b>Date:</b>	June 30, 2022										
<b>Addendum:</b>	Please refer to the course outline addendum on the Learning Management System for further information.										