### Course Outline

- **Course Title:** Tower Rescue  
- **Semester Course Prefix and Number:** WET 1245  
- **Old Quarter Course Prefix and Number:**  
- **Submitted By:** Dan Janisch  
- **Approval Date:** Nov 2009  
- **Number of Credits:** 1  
- **Number of Lecture Credits:** 0  
- **Number of Lab Credits:** 1  
- **Number of Lab Hours:** 2  
- **Semester(s) Offered:** Spring  
- **Class Size:** 24  
- **Number of Studio/Demonstration/Internship Credits:**  

#### Course Purpose Code:
- 0 – Developmental Courses  
- 1 – Non-transferable, General Education  
- **X** 2 – Technical course related to career programs  
- 3 – College course which has the primary goal of applying certain concepts (e.g. vocal ensemble)  
- 4 – Other college course not considered a part of general education (MNTC) (e.g. computer science, health, physical education)  
- 5 – Course which is intended to fulfill the Minnesota Transfer Curriculum (MNTC) requirements or intended for transfer.  
- 9 – Continuing Education/Customized Training specialized credit course (not occurring in 0-5)

#### Catalog Description:
This course will familiarize students with tower rescue gear and procedures. Topics will include working with various types of rescue gear, emergency response procedures, and working at heights.

#### Prerequisites and/or recommended entry skills/knowledge:
- **Course Prerequisite(s):** None  
- **Reading Prerequisite:**  
- **Composition Prerequisite:**  
- **Mathematics Prerequisite:**

#### Career Programs and Transfer Majors Accessing this Course:
- Wind Energy Technology

#### Minnesota Transfer Curriculum Goal(s) partially met by this course if applicable:
(Notes: No more than two goals may be met by any one course. Curriculum Committee review and the Chief Academic Officer's approval are required.)

<table>
<thead>
<tr>
<th>Goal</th>
<th>Description</th>
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<tbody>
<tr>
<td>0.</td>
<td>None</td>
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<tr>
<td>1.</td>
<td>Communications</td>
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<tr>
<td>2.</td>
<td>Critical Thinking</td>
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<td>3.</td>
<td>Natural Sciences</td>
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<td>4.</td>
<td>Mathematical/Logical Reasoning</td>
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<td>5.</td>
<td>History and the Social and Behavioral Sciences</td>
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<td>6.</td>
<td>The Humanities and Fine Arts</td>
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<td>7.</td>
<td>Human Diversity</td>
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<td>8.</td>
<td>Global Perspectives</td>
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<td>9.</td>
<td>Ethical and Civic Responsibility</td>
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<td>10.</td>
<td>People and the Environment</td>
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Learning Outcomes: (including any relevant competencies listed in the Minnesota Transfer Curriculum)

Upon completion of this course, the student will be able to:

- Demonstrate a dedication to the educational process through active participation.
- Demonstrate the ability to rescue/assist with a tower rescue.
- Differentiate between the various types of tower rescue equipment and their applications.
- Demonstrate knowledge of emergency response procedures related to tower rescue.

Student Assessment Methods:

Written assignments and tests.

Use of Instructional Technology: (includes software, interactive video and other instructional technologies):

PowerPoint, Web based research, Online delivery

Outline or Statement of Major Course Content:

- Harness usage.
- Explore various types of rescue systems.
- Understand how to utilize tower rescue systems to minimize further injury and evacuate injured personnel from a wind turbine tower.

Additional Special Information: (special fees, directives on hazardous materials, etc.)

None

Transfer Information: (Please list colleges/majors that accept this course in transfer.)

None

Approvals:

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<tr>
<th>Body</th>
<th>Representative Signatures</th>
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<tbody>
<tr>
<td>Curriculum Committee</td>
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<td>Faculty Association</td>
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<td>Academic Affairs Standards Committee</td>
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<td>Chief Academic Officer</td>
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Distribution: Original – Administrative Office
Copies: Curriculum Committee Chair, AASC Chair, Transfer Specialist, Originating Faculty Member, Scheduler, Records, Student Services, Learning Center, Library
Revised: October 2009