MESABI RANGE COMMUNITY & TECHNICAL COLLEGE

Course Outline

Course Title:	**Tower Rescue**	**Submitted By:**	**Dan Janisch**
Semester Course Prefix and Number:	**WET 1245**	**Approval Date:**	**Nov 2009**
Old Quarter Course Prefix and Number:		**Revision Date:**	

Number of Credits:	**1**	**Number of Lecture Credits:**	**0**
Semester(s) Offered:	**Spring**	**Number of Lab Credits:**	**1**
		Number of Lab Hours:	**2**
Class Size:	**24**	**Number of Studio/Demonstration/Internship Credits:**	
Negotiated by AASC on: (date)			

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.)

0. __X__ None
1. _____ Communications
2. _____ Critical Thinking
3. _____ Natural Sciences
4. _____ Mathematical/Logical Reasoning
5. _____ History and the Social and Behavioral Sciences
6. _____ The Humanities and Fine Arts
7. _____ Human Diversity
8. _____ Global Perspectives
9. _____ Ethical and Civic Responsibility
10. _____ People and the Environment

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:

Body	Representative Signatures	Date
Curriculum Committee		
Faculty Association		
Academic Affairs Standards Committee		
Chief Academic Officer		

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