

MESABI RANGE COMMUNITY & TECHNICAL COLLEGE

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
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