MESABI RANGE COMMUNITY & TECHNICAL COLLEGE

Course Outline

Course Title:	**Wind Energy Technology Internship**	**Submitted By:**	**Dan Janisch**
Semester Course Prefix and Number:	**WET 1265**	**Approval Date:**	**April 2010**
Old Quarter Course Prefix and Number:		**Revision Date:**	

Number of Credits: 6	**Number of Lecture Credits:**	
Semester(s) Offered: Summer	**Number of Lab Credits:**	**Number of Lab Hours:**
Class Size: 24	**Number of Studio/Demonstration/Internship Credits: 6**	

Course Purpose Code:

_____ **0 –** Developmental Courses
_____ **1 –** Non-transferable
__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 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:

The course is designed to provide students with the opportunity to gain hands-on experience with tasks related to wind turbine construction, operation and maintenance. Ideally, these internships with approved providers would be completed during the summer between the student's first and second years of school and would allow the student to apply skills acquired in their first year of the program as well as provide exposure to concepts that will be covered in their second year of study. Students will be taught valuable skills and techniques for working with others, organization, and time management skills that can be applied while on his or her internships and during his or her future career in the wind industry. Students will also gain skills associated with their future job search and interview process.

While students will be responsible for securing an internship, the progress of the student during the internship will be monitored cooperatively by the student, a qualified industry mentor, and the program instructor. The Wind Energy Technology Internship is required to graduate from the Wind Energy Technology Program.

Prerequisites and/or recommended entry skills/knowledge:

Course Prerequisite(s):	First Year of Wind Program
Reading Prerequisite:	College Level Reading
Composition Prerequisite:	College Level Writing
Mathematics Prerequisite:	First Year of Wind Program

Career Programs and Transfer Majors Accessing this Course:
Wind Energy Technology, EIAT students with instructor approval.

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:

1.) Secure an internship position with a company in the wind energy industry.
2.) Demonstrate adherence to the safety policies in effect at the internship site.
3.) Maintain a journal documenting daily experiences gained during the internship period.
4.) Apply experience gained during the internship to concepts presented in the classroom.
5.) Receive a positive work evaluation from the internship field supervisor(s).
6.) Demonstrate organizational tools and skills learned in this course.
7.) Identify key concepts to be experienced during their internship.
8.) Explain time management techniques in their own words.
9.) Identify and implement tools for dealing with difficult people and situations.
10.) Write an effective cover letter.
11.) Create a professional resume.
12.) Explain acceptable and non-acceptable interview behaviors.

Student Assessment Methods:
Weekly Reports. Mentor Evaluation.

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

Email, Moodle, and phone. Efolio. Student will be expected to use information technology resources to communicate throughout the internship.

Outline or Statement of Major Course Content:

Practical learning experience related to the wind energy field.

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

Student is responsible for securing his/her internship. All internship positions must be approved by instructor.

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

Approvals:

Body	Representative Signatures	Date
Academic Affairs Standards		

Committee		
Chief Academic Officer		

Distribution: Original – Administrative Office
Copies: Curriculum Committee Chair, AASC Chair, Transfer Specialist, Originating Faculty Member, Scheduler, Records
Revised: May 2009