

**Eastern WV Community & Technical College
Master Course Record**

Course Prefix and Number: WTT 178
Course Title: Wind Technician Internship I
Recommended Transcript Title: Wind Technician Internship
Date Approved/Revised: July 20, 2010; March 21, 2016
Credit Hours: 3 Contact hours per week (Based on 15 week term): Lecture: 1 Lab: 6
Prerequisite: Pre/Corequisite: Complete all required course work for the wind technician certificate program
Grading Mode: Letter Grade
Catalog Description: The Wind Technology Internship provides students with a supervised, curriculum-related, industry-based, on-the-job training opportunity. Work will be performed within a maintenance organization consisting of safety assessments, electrical inspections, mechanical inspections, troubleshooting systems and parts replacements and any other duties as would be expected of full time employees at the worksite. In order to take this class the student must have prior approval from the Dean of Academic and Student Services and recommendation from the program director.
Course Outcomes: <ol style="list-style-type: none"> 1. Analyze a real world maintenance and operations organization. 2. Describe and demonstrate proper procedures for installing, maintaining and troubleshooting wind turbines and related equipment. 3. Demonstrate proper use of testing equipment and tools used in wind turbine maintenance 4. Discuss the job requirements and expectations of the operating organization. 5. Explain the expectations of the organization, dress code, attitude, skills, self-reliance, teamwork, ethics and general professionalism. 6. Interact with colleagues in a professional work environment 7. Develop specific skills related to the organizational requirements. 8. Discuss and apply the personal lessons learned. 9. Discuss experiences that utilize knowledge and skills acquired in the wind technician program. 10. Relate and analyze internship activities regarding the industry-based experience in a written form. 11. Prepare weekly maintenance and work tracking reports comparable to those required in the wind industry.
Implementation Cycle: Summer
Role in College Curriculum: (Check all that apply) <input type="checkbox"/> General Education Core (Specify category) <input checked="" type="checkbox"/> Technical Core (Specify Program) Wind Energy Technology

<input type="checkbox"/> Restricted Elective (Specify Program)	
<input type="checkbox"/> General Elective	
<input type="checkbox"/> Other (Please specify)	
Course Fee: Yes	
Instructor's Qualifications: Bachelors Degree in engineering or related technical field or industry recognized credentials and experience	
Expanded Course Description: This course is a supervised experience where the students receive on-the-job training. This training is intended to reinforce learning and application of a student's skills and knowledge.	
Prepared by: Ward Malcolm	7-20-10
Curtis Hakala	3-9-16
Signature, Title	Date
Approved by: Robert Eagle	7-20-10 (SB-G)
Dean, Academic Services	Date