



<http://www.dmacc.edu>

CAMPUS NAME: Ankeny

COURSE TITLE: Wind Turbine Mechanical Systems

COURSE NUMBER: WTT 133

SECTION NUMBER & CRN: Section 1 CRN 32033

INSTRUCTOR INFORMATION

NAME: Dean Hoffmann

EMAIL ADDRESS: drhoffmann@dmacc.edu

PHONE NUMBER: 515-964-6277

FAX NUMBER: 515-964-6815

OFFICE LOCATION: 3E-115

OFFICE HOURS/APPOINTMENTS: Office hours posted by office door or ask for an appointment

COURSE INFORMATION

SEMESTER/YEAR: Summer 2015 (2015-03)

DATE SYLLABUS CREATED AND/OR REVISED: May 27, 2015

DAYS & TIME & LOCATION: Monday & Wednesday 8:45 to 11:30 am

COURSE DESCRIPTION & CREDITS: <http://www.dmacc.edu/courses/crsrod.asp>

PREREQUISITES: WTT 103

COURSE COMPETENCIES: <https://go.dmacc.edu/competencies>

TEXTBOOKS & MATERIALS

REQUIRED TEXTBOOKS: *IPT's Industrial Fasteners Handbook, IPT Power Transmission Systems*

REQUIRED MATERIALS: Safety Glasses, Calculator, 3 ring binder (approx. 2 in.)

COURSE POLICIES

ATTENDANCE/PARTICIPATION: Attendance will be taken at the beginning of each class. If you are going to be late or absent, you need to contact me by phone or e-mail before class so that I can plan ahead to assist you if necessary. Class starts promptly at the designated time, PLEASE ARRIVE ON TIME. Persons that arrive late for class not only disrupt class, but miss out on important parts of the lecture, handouts, quizzes, etc.

Contacted absences will result in -10 pt. deduction from your total pts. (Over 5 min. 3 times late = 1 absence). Non-contacted absences – 20 pts.

2 Field Trips are scheduled which are MANDATORY ATTENDANCE. Points will be deducted for non-attendance (+25 pts. per field trip).

GRADING CRITERIA: A=93 – 100% ; A-=90 – 92% ; B+=87 – 89% ; B= 83 – 86% ; B-=80 – 82% ; C+= 77 – 79% ; C=73 – 76% ; C-= 70 – 72% ; D+=67 – 69% ; D=63 – 66% ; D-=60 – 62% ; below 60%= Failing

CLASSROOM CONDUCT: <https://go.dmacc.edu/handbook> All cell phones are to be turned off before entering the classroom. If you have a valid reason why you need to take a call during class, notify the instructor ahead of time. **No texting or web surfing during class.** FIRST INCIDENT – verbal warning, Second Incident – class misconduct report.

MISSED EXAMS: If the student calls or emails the instructor PRIOR TO THE START TIME OF CLASS the student may, at the discretion of the instructor for what is determined to be a reasonable absence, be able to make up any tests given that class period. If the student fails to contact the instructor prior to the start of class time, the test may not be made up. Test make-ups must be made up within 48 hours of the original test date and time. There is no penalty for the first make up test. **Any second, third ,forth, make-up test will have 20% deducted from the final test grade.**

LATE ASSIGNMENTS: Loss of 10% per day from time of class

STUDY EXPECTATIONS: You are expected to read the assigned chapters in the course text and material assigned. Everyone should be ready for relevant discussion and questions during each class period.

WEATHER POLICY: “Individual circumstances such as health, childcare, rural roads, distance from the College, etc. can vary greatly among students and staff. It is always DMACC’s goal to provide safe learning conditions, as well as provide the opportunity for students to attend classes when the vast majority is able to safely attend. The final decision to come to College can only be made by the individual student based on their specific extenuating circumstances that may make it unsafe for them to travel. During adverse weather, DMACC faculty is considerate of students who are unable to attend classes due to unique extenuating circumstances. It is the responsibility of each faculty member to notify their students (in addition to their dean or provost) through some predetermined means if they are must postpone or cancel a specific class due to weather or illness.” Sign up for the RAVE system.

CLASS CANCELLATION PROCEDURE: A reasonable attempt will be made if time permits to e-mail students prior to class to their dmacc.edu address. Please check your dmacc e-mail before class if possible.

ACADEMIC DISHONESTY/PLAGIARISM:

It is important for you to be familiar with and follow DMACC's Academic Misconduct policy. Students are encouraged to review DMACC's Academic Misconduct Policy on-line at <https://go.dmacc.edu/handbook/polprocedures/pages/academicmisconduct.aspx> or in the DMACC Student Handbook.

COURSE SPECIFIC (LAB) SAFETY PROCEDURES: Failure to follow safety procedures will result in a class misconduct report.

DMACC INFORMATION

ADD/DROP DATES: https://go.dmacc.edu/registration/pages/add_drop.aspx

Click & delete row if addendum being used and no additional information is needed.

REFUND POLICY: <https://go.dmacc.edu/registration/Pages/refund.aspx>

Click & delete row if addendum being used and no additional information is needed.

SUPPORT SERVICES

SERVICES FOR STUDENTS WITH DISABILITIES:

https://go.dmacc.edu/student_services/disabilities

Any student with a documented disability who requires reasonable accommodation should contact the Disability Services Coordinator at **515-964-6850V** or hlcoon@dmacc.edu or the counseling & advising office on any campus to apply for services.

COURSE SYLLABUS

DISCLAIMER: "This syllabus is representative of materials that will be covered in this class; it is not a contract between the student and the institution. It is subject to change without notice. Any potential exceptions to stated policies and requirements will be addressed on an individual basis, and only for reasons that meet specific requirements. If you have any problems related to this class, please feel free to discuss them with me."

NONDISCRIMINATION POLICY: Des Moines Area Community College shall not engage in or allow discrimination covered by law. This includes harassment based on race, color, national origin, creed, religion, gender, sexual orientation, age, and disability. Veteran status in educational programs, activities, employment practices, or admission procedures is also included to the extent covered by law. Individuals who believe they have been discriminated against may file a complaint through the College Discrimination Complaint Procedures. Complaint forms may be obtained from the DMACC Web site, the Ombudsperson, Judicial Officer, Human Resources Department, the campus Provost's Offices, and Academic Deans' Offices.

Students who wish additional information or assistance may contact the **Executive Dean, Student Services, Laurie Wolf**, Bldg. 1 on the Ankeny Campus, 515-964-6437 or the **Judicial Officer, Debbie McKittrick**, Bldg. 1 on the Ankeny Campus, 515-964-6574 or they may refer to Student Services procedure ES 4645 located at https://go.dmacc.edu/student_services/int. Click Policies & Procedures.

Employees and applicants who wish additional information or assistance may contact the **EEO/AA Officer, Dr. Sandy Tryon**, Human Resources, Bldg. 1 on Ankeny Campus, 515-964-6301 or refer to HR Procedures 3000, 3005, 3010, 3015, and 3020 at <http://www.dmacc.edu/hr/hrpp.asp>

Program Development/Academic Support Services Director, Sharon Bittner, is the official Student Accommodation Office/Section 504/ADA Coordinator for DMACC. The ADA Coordinator's office is located in Bldg. 6-10e on the Ankeny Campus and may be contacted by voice (515-964-6857) or sgbittner@dmacc.edu. The ADA Coordinator is responsible for ensuring that the college complies with federal regulations that guarantee qualified students with disabilities equal access to all programs and services. Any student, faculty, or staff member may contact the ADA Coordinator's office for clarification of federal regulations, appeal of a grievance, or resolution of a disability-related problem.

SYLLABUS ADDENDUM

To access additional information related to DMACC policies and procedures that impact the classroom (i.e. use of technology, weather-related cancellations, classroom conduct, etc.), the DMACC student handbook, registration information (including add/drop dates and refund dates), student service information (including counseling and advising), the DMACC academic calendar, and campus-specific resources (i.e. Academic Achievement Center, library, computer, labs, etc), go to <https://go.dmacc.edu/handbook> and click "Syllabus Addendum" in the left navigation.

If you do not have access to a computer and need a printed version of any of the information described above, contact your instructor.

TENTATIVE COURSE SCHEDULE

Week or Date	Assignment	Due Date
Week 1	Course Syllabus, Section 1 (IPT Industrial Fasteners)	
Week 2	Section 2: Screw Threads (IPT Industrial Fasteners)	
“ “	Section 3: Thread Guide (IPT Industrial Fasteners)	
Week 3	Section 4: Materials & Strengths (IPT Industrial Fasteners)	
“ “	Review for Test Sections 2, 3, 4	
Week 4	Test: Sections 2, 3, 4	
“ “	Section 5: Bolted Joints (IPT Industrial Fasteners)	
Week 5	Section 6: Tightening and Torque (IPT Industrial Fasteners)	
“ “	Review for Test Sections 5, 6, 7	
Week 6	Test: Sections 5, 6, 7	
Week 7	Gears, Gearboxes	
	Field Trip	
Week 8 ?	Gears, Gearboxes (continued)	
Week 9 ?	Field Trip	
Week 10	Gears, Gearboxes (continued)	
	Review for Test: Gears, Gearboxes, Etc.	
Week 11	Test: Gears, Gearboxes, etc.	