COURSE SYLLABUS

COURSE: MNT 110 INTRO TO MAINTENANCE PROCEDURES

HOURS: Lecture: 1 Lab/Shop: 3 Work Exp/Clinical: 0 Credits: 2

COURSE DESCRIPTION:

This course covers basic maintenance fundamentals for power transmission equipment. Topics include equipment inspection, lubrication, alignment, and other scheduled maintenance procedures. Upon completion, students should be able to demonstrate knowledge of accepted maintenance procedures and practices according to current industry standards.

PREREQUISITE(S): NONE

COREQUISITE(S): NONE

TEXTBOOK(S) & OTHER SPECIAL REQUIREMENTS:

ISBN: 9780826936417

ISBN 9780826936424

STUDENT LEARNING OUTCOMES:

Upon successful completion of this course, the student will be able to:

1. Demonstrate knowledge of accepted maintenance procedures and practices according to industry standards.
2. Discuss the need for preventative maintenance program.
3. Set up a preventative maintenance program.
4. Implement short range and long range scheduling.
5. Discuss the importance of Work Orders.
6. Prepare for Unscheduled and Emergency work.
7. Discuss the importance of Quality Control.
8. Plan and evaluate labor requirements for preventative maintenance procedures.
9. Discuss how quality control and preventative maintenance incentives have changed manufacturing in industries throughout the world.

EXPLANATION OF SYLLABUS:

The Student Learning Outcomes listed in this syllabus are those required actions that a student who successfully completes the course must be able to perform or exhibit. The educational experience, however, is a two-way, interactive process involving both the student and the instructor.
and his/her instructor. The student must play an active role in the learning process in order to be successful. Each Instructor will provide an Instructor’s Course Requirements document at the first class meeting explaining how he/she measures each of the Student Learning Outcomes listed in the syllabus. A student who is unable to accomplish the outcomes will not receive a passing grade in the course.

The information in this RCC Syllabus may not be accurate beyond the current semester. Textbooks and other course materials are subject to change. Students should verify the textbooks at the first class meeting with their instructor prior to purchasing.

RCC ATTENDANCE POLICY:

Regular attendance is considered essential to realize course outcomes. Students are expected to attend all scheduled meetings of classes for which they register. Rules on tardiness and leaving class early are addressed in each Instructor’s Course Requirements document.

No matter the basis for absence, students are held accountable for academic activities, and faculty may require special work or tests to make up for missed classes.

When courses are delivered through online instruction (DL or Distance Learning) or through a combination of traditional classroom and online instruction (hybrid), class participation is no less important, though its measurement may be somewhat different.

The Nursing Department’s requirement related to attendance exceeds the college policy. Nursing students are required to attend 90% of classes, labs, and clinicals. At the discretion of the instructor, a written assignment or makeup clinical may be given for hours missed determined to be unavoidable.

RCC GRADING SYSTEM:

Richmond Community College employs a system of letter grades and corresponding quality points per grade to evaluate a student’s performance in meeting the stated goals and objectives for each course. The grading system is published in the Richmond Community College Catalog and Student Handbook.

SECURITY AND SAFETY PROCEDURES:

RCC’s upgraded security procedures require all doors to be locked at class start-time.

All students, faculty, staff, and visitors must wear visible identification (ID) badges. Identification badges should be worn on the front of clothing. RCC employees can stop, restrict, and remove from any school-related activity or function anyone who does not display an ID badge.

STUDENTS WITH DISABILITIES:

Richmond Community College complies with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act, which require that no qualified student with a disability be excluded from participation in or be denied the benefits of any services, programs or activities
on the basis of his or her disability. If accommodations in the classroom and/or in extracurricular activities are required, the student is encouraged to contact the Disability Services Counselor in Student Services prior to the start of the semester; however, a student may request accommodations at any time. Reasonable accommodations may take up to three (3) weeks to implement. Richmond Community College is committed to providing support and services to students with disabilities to help them obtain a quality education and to reach their goals. Assistance is provided, as necessary, and is intended to help students participate in and benefit from the programs and activities enjoyed by all students.

WITHDRAWAL:

In order to officially drop or withdraw from one or more courses without academic penalty, the student must complete the appropriate form and submit it to the Registrar’s Office by the deadline. Students may obtain the proper form from an instructor or a counselor. The form should be signed by the course instructor and returned to Student Development.

Students who withdraw after the 75 percent point of the semester will receive a grade of WU, which will negatively impact their GPA.

WITHDRAWAL AND FINANCIAL AID:

The Federal Return of Title IV Funds policy became effective August 1, 2000. This policy affects any student receiving Federal financial aid (Pell; FSEOG; ACG) who withdraws from all classes. Under this policy, every student who withdraws or is withdrawn by the instructor completely on or before the 60 percent point of the semester will be required to repay all or a portion of his/her Federal financial aid.