

Northland Pioneer College
MET 160: Rotating Electrical Machines

Credits: 4

Semester: Spring 2015 (Jan 12-May 8)

Instructor: J. Charles Perkins
Painted Desert Campus
Office: (928) 524-7455
Office Hours: T,Th: 9-12 am and by appointment
Email: john.perkins@npc.edu

Text: Various text books and online material will be used; however, students will not be required to purchase any textbooks. All necessary books will be provided. Some of the curriculum will be presented online; therefore students will need to be able to have access to a computer with internet connectivity. The following websites (as well as others) may also be used:

www.learnamatrol.com

www.criticalinfont.com

Schedule:

M,W: 5:00pm-9:00pm

Locations:

Online
Robotics/Mechatronics Lab, Painted Desert Campus

Course Content:

The course content will consist of both online and book curriculum. Assignments will consist of written assignments as well as hands-on assignments to be completed in the lab. Most of the modules will have an associated test that will be used to assess mastery of that module. Assignments, along with due dates, will be posted online and/or

emailed to students at a future date. The course outline will follow the schedule found at the end of this packet.

Final grades will be based on hands-on lab exercises and tests, attendance, as well as written and online assignments as well as written and online assignments. Students may be absent up to 2 times in the semester without loss of credit. After 2 absences, credit will be deducted at the rate of 2^{1/2}% per occurrence. Additionally, grades will be assigned as follows:

90 to 100% - A

80 to 89% - B

70 to 79% - C

60 to 69% - D

Currently, no midterm or final tests are planned for this course; however, all work must be submitted by May 6th to receive a grade.

Student Success:

The faculty wishes for every student to be successful in their classwork. NPC offers a variety of resources to students to help them succeed. If you have a disability and feel that you need accommodations for this or any other class, please contact the Disability Resource and Access Office at (928) 532-6178 or 1-800-266-7845.

Student Conduct:

All students are responsible for knowing and understanding the Student Code of Conduct.

The Student Code of Conduct (Procedure 2625), is available in the current college catalog and is also available on the college website at <http://www.npc.edu/student-services/student-code-conduct>.

Attendance:

No more than 2 absences are allowed before credit will be deducted from the semester grade. For every absence beyond 2, 2^{1/2} percentage points will be deducted from the semester grade. The student is reminded that in order to complete all of the assignments in time, diligence early on in the course is imperative.

