

ROBOTICS AND COMMUNICATIONS SYSTEMS ENGINEERING TECHNOLOGY
DC MOTORS, SOLENOIDS, & SERVOS LAB
3RD SEMESTER, SR. INSTRUCTOR TIM LEISHMAN

General Objective:

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

- A. Document the characteristics of DC motors, Solenoids, & Servo motors.
- B. Develop and verify testing procedures for junior technicians.

References:

- Theory notes
- First Year Text & Lab books

Check-Off Sheet:

- [Check-Off Sheet](#)

Specific Objectives:

1. You have recently been promoted to Sr. Technician. Your team lead has tasked you with developing a basic DC motors training module for the new hires. See your team lead for further instructions. **(Instructor Check)**
2. You did a good job on your previous task! You are now asked to develop a basic solenoids training module for the new hires. See your team lead for further instructions. **(Instructor Check)**
3. The boss gets feedback that the new hires are giving your training modules rave reviews. Your title gets an addendum and you become the new Sr. Technician/Technical Records Specialist for the company. You notice that the new hires are having trouble understanding servo motors and ask the team lead if you can develop a servo motor training module. Your team lead thinks that is a great idea! **(Instructor Check)**
4. Complete Conclusion and submit completed Check-Off sheet and Lab writeup in Moodle.