

Electronics and Control Systems

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Welcome to the Electronics and Control Systems course. Below you will find all the necessary information you need to succeed in this course.

Course Description:

This course is designed for students interested in exploring the field of electronics and control systems. Students will learn the fundamental concepts and principles of electronics, as well as gain hands-on experience in designing and building control systems.

Course Objectives:

- Understand the basic components of electronic circuits and their functions.
- Analyze and interpret electronic diagrams and schematics.
- Design and build simple electronic circuits.
- Explore various control systems and their applications.
- Apply knowledge of electronics and control systems to solve real-world problems.

Required Materials:

- Safety goggles and appropriate clothing for laboratory experiments including closed toed shoes.
- Calculator
- Notebooks and pencil for notes and tests
- 80\$ Shop Fee (Student will not enter lab of shop is not paid. If cannot be paid please contact instructor)

Grading Policy:

Daily participation grades will be the primary basis for evaluation in this course. Active engagement in class discussions, completion of assigned tasks, test grades, and adherence to safety guidelines will contribute to the overall grade. Make sure you actively engage in class discussions, ask questions, and complete all assigned tasks to receive full credit. Your enthusiasm and commitment will contribute to your overall success in this course. Attendance and punctuality will also be taken into consideration.

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Course Class Policies and Expectations

To ensure a safe and productive learning environment, students are expected to:

- Follow all safety rules and guidelines in the lab.
- Wear appropriate clothing and protective gear during lab sessions.
- Respect the equipment and materials provided.
- Respect the instructor and fellow classmates
- Attend all classes regularly and be on time.
- Submit assignments on time and complete them to the best of your ability.
- Actively participate in class activities and discussions
- Maintain a clean and organized workspace
- Respect the opinions and ideas of classmates.
- Seek help or clarification from the instructor when needed.
- Come to class prepared with materials and completed assignments.

We look forward to an exciting and enriching learning journey with you! Good luck. If you have any questions or concerns regarding the course, please feel free to reach out to the instructor.