



**ENGINEERING**  
DEPARTMENT OF ELECTRICAL,  
COMPUTER, AND SOFTWARE ENGINEERING

# ELECTENG 332

Notes on Control Systems

*Dear god help me, not another one...*

by

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August 10th, 2024

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## Module 1:

# Basics of Signals and Systems

## Learning Outcomes

Uniqueness of the Exponential Signal

Concept of Engineering Infinity

Concept of Complex Frequency

Classification of Signals: Energy & Power

Classification of Systems

What is a Control System

Classification of a Control System: Open-loop & Closed-loop