

EE661 Spring 2021

Course: EE661 Linear System Theory

Instructor:

Dr. John Chiasson
ECE department
MEC 202k
Boise State University
johnchiasson@boisestate.edu
426 456-4054

Course Topics:

An introduction to the differential-geometric approach to nonlinear systems (manifolds, tangent vectors, integral manifolds, Frobenius Theorem, feedback linearization theory for nonlinear control systems).

An introduction to Lyapunov stability.

Lecture Notes:

Differential-Geometric Approach to Nonlinear Control Systems by John Chiasson

Course Time: 4:30 p.m. – 5:45 p.m. T,Th in MEC 114

Office Hours: 5:45 – 7:00 T,Th

Grading: 2 midterms (100pts each), 1 final (200pts) and Homework (100pts).

Tentative Exam Schedule

Exam I	Thursday, February 18, 2021
Exam II	Thursday, April 1, 2021
Final Exam	Tuesday, May 4, 2021 from 5:00 pm - 7:00 pm.