

MECHANICAL ENGINEERING GRADUATE COURSES - 2022-23*

* These courses are subject to change throughout the year.

Fall 2022

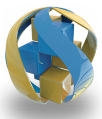
ME 210A	Matrix Analysis Comp	Chandrasekara
ME 210D	PDE's Finite Elements	Atzberger
ME 215A	Applied Dynamical Systems I	Mezic
ME 216	Level Set Methods	Gibou
ME 219	Mechanics of Materials	Begley
ME 220A	Fundamentals of Fluid Mechanics	Luzzatto-Fegiz
ME 225BL	Nanoscale Energy Transport and Conversion	Liao
ME 225EH	Soft Robotics	Hawkes
ME 225NN	Modeling and Optimization of Neural networks	Bullo
ME 225YZ	Interfacial Phenomena	Zhu
ME 243A	Linear Systems	Hespanha
ME 244A	Advanced Methods in Engineering	Rawlings
ME 256	Robust Control	Bamieh
ME 257	Intro Multiphys Sim	Meinhart
ME 265	Composite Materials	Zok

Winter 2023

ME 203	Operator Theory Methods in Dynamical Systems	Mezic
ME 210B	Numerical Simulation	Petzold
ME 220B	Fundamentals of Fluid Mechanics	Bennett
ME 225ED	Bio Design	Dressaire
ME 225FA	Failure Analysis	Daly
ME 225ML	Machine Learning & System Identification	Yeung
ME 232	Plasticity	Beyerlein
ME 252A	Computational Fluid Dynamics	Meiburg
ME 271	Finite Element Structural Analysis	Begley
ME 291A	Physics of Transducers	Valentine

Spring 2023

ME 210C	Numerical Solution of Partial Differ Equations-Finite Diff. Methods	Staff
ME 221	Advanced Viscous Flows	Dressaire
ME 225AS	Intro to Multiphase Flow	Sauret
ME 225IB	Defects in Engineering Materials & Analysis	Beyerlein
ME 225PL	Wind and Tidal Energy Extraction	Luzzatto-Fegiz
ME 225RA	Radiative Energy Transfer	Bennett
ME 225RS	Engineering Biomaterials	Stowers
ME 225MC	MEMS Characterization	Valentine



ME 264	Mechanical Behavior of Materials	Pollock
ME 275	Fracture Mechanics	TBD
ME 292	Design of Transducers	Pennathur