

Fall 2019 Online Courses

Undergraduate (online courses are denoted with 700+ extensions)

Electrical & Computer Engineering

ECEN 420-700 Linear Control Systems

Subsea Engineering

ENGR 430-700 Fundamentals of Subsea Engineering

ENGR 489-700 INTER SM SMRT&CONN COMM

Safety Engineering

SENG 310-700 Industrial Hygiene Engineering

SENG 321-700 Industrial Safety Engineering

SENG 422-700 Fire Protection Engineering-Facilities Design

SENG 430-700 Risk Analysis in Safety Engineering

SENG 455-700 Process Safety Engineering

Graduate (online courses are denoted with 700+ extensions)

Aerospace Engineering

AERO 601-700 Advanced Aerodynamics

AERO 622-700 Spacecraft Dynamics & Control

Biological & Agricultural Engineering

BAEN 620-700 Food Rheology

BAEN 622-700 Unit Operations in Food Processing

Computer Science & Engineering

CSCE 611-700 Operating Systems

Electrical & Computer Engineering

ECEN 602-700 Computer Communication & Networking

ECEN 605-700 Linear Multivariable Systems

ECEN 620-700 Network Theory

ECEN 665-700 Integrated CMOS RF Circuits & Systems

ECEN 676-700 Advanced Computer Architecture

ECEN 704-700 VLSI Circuit Design

ECEN 760-700 Intro to Probabilistic Graphical Models

Industrial & Systems Engineering

ISEN 601-700 Location Logistics of Industrial Facilities

ISEN 609-700 Probability for Engineering Decisions

ISEN 613-700 Engineering Data Analysis

ISEN 614-700 Advanced Quality Control

ISEN 615-700 Production and Inventory Control

ISEN 616-700 Design & Analysis of Industrial Experiments

ISEN 620-700 Survey of Optimization

ISEN 623-700 Nonlinear & Dynamic Programming

ISEN 625-700 Simulation Methods & Applications

ISEN 630-700 Human Operator in Complex Systems

ISEN 640-700 Systems Thinking and Analysis

ISEN 645-700 Lean Thinking & Lean Manufacturing

ENGINEERING ONLINE

ISEN 663-700	Engineering Management Control Systems
ISEN 660-700	Quantitative Risk Analysis
ISEN 667-700	Engineering Economy

Mechanical Engineering

MEEN 601-700	Advanced Product Design
MEEN 602-700	Modeling & Analysis of Mechanical Systems
MEEN 605-700	Compressible Flow
MEEN 613-700	Engineering Dynamics
MEEN 615-700	Advanced Engineering Thermodynamics
MEEN 621-700	Fluid Mechanics
MEEN 651-700	Control System Design
MEEN 664-700	Energy Management in Commercial Buildings
MEEN 672-700	Intro to Finite Element Method

Petroleum Engineering

PETE 602-700	Well Stimulation
PETE 605-700	Phase Behavior of Petroleum Reservoir Fluids
PETE 611-700	Application of Petroleum Reservoir Simulation
PETE 612-700	Unconventional Oil & Gas Reservoirs
PETE 620-700	Fluid Flow in Petroleum Reservoirs
PETE 633-700	Data Integration for Petroleum Reservoirs
PETE 645-700	Upscaling of Geologic Models for Flow Simulation
PETE 651-700	Probabilistic Reserves Evaluation
PETE 659-700	Rock Mechanics Related to Hydraulic Fracturing
PETE 661-700	Drilling Engineering
PETE 662-700	Production Engineering
PETE 664-700	Petroleum Project Evaluation & Management
PETE 665-700	Petroleum Reservoir Engineering
PETE 667-700	Petroleum Engineering Reserves & Evaluation
PETE 685-700*	Directed Studies
PETE 692-700*	Professional Study

Safety Engineering

SENG 655-700	Process Safety Engineering
SENG 670-700	Industrial Safety Engineering
SENG 677-700	Fire Protection Engineering
SENG 680-700	Industrial Hygiene
SENG 685-700,701	Directed Studies
SENG 691-700	Research

Subsea Engineering

ENGR 630-700	Fundamentals of Subsea Engineering
ENGR 632-700	Subsea Project Implementation
ENGR 642-700	Subsea Pipeline Design
ENGR 650-700	Flow Assurance & Operability of Subsea Systems
ENGR 681-700	Professional Development Seminar

If you have any questions, please speak with your departmental academic advisor.



ENGINEERING ONLINE

*Several sections exist