Fall 2019 online courses:

Undergraduate (online courses are denoted with 700+ extensions)

**Electrical & Computer Engineering**
- ECEN 485-700 Directed Studies

**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

**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
- ISEN 667-700 Engineering Economy
**Engineering Online**

### Mechanical Engineering
- **MEEN 601-700** Advanced Product Design
- **MEEN 602-700** Modeling & Analysis of Mechanical Systems
- **MEEN 605-700** Gas Dynamics
- **MEEN 613-700** Engineering Dynamics
- **MEEN 615-700** Advanced Engineering Thermodynamics
- **MEEN 651-700** Control System Design

### 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.

*Several sections exist*