



Communications, Signal Processing, and Telemetry Course Offerings

Courses Taught Once Per Semester

EE311 Signals and Systems (Lyman)

Courses Taught Once Per Year

EE395 Introduction to DSP (Fall) (Creusere)
EE492/EE592 Real-Time DSP (Spring) (De Leon)
EE496 Introduction to Communications Systems I (Fall) (Lyman)
EE497 Introduction to Communication Systems II (Spring) (Lyman)
EE498 CAPSTONE (Horan)
EE545 DSP (Fall) (Creusere)
EE555 Advanced Linear Systems (Spring) (De Leon)
EE571 Probability and Random Processes (Fall) (Borah)
EE581 Digital Communications (Spring) (Borah)

Courses Taught Once Every Two Years

EE565 Pattern Recognition (Spring, odd-numbered years) (Creusere)
EE573 Theory of Source Coding (Spring, odd-numbered years) (Creusere)
EE582 Mathematical Methods for Comm and DSP (Fall, even-numbered years) (Borah)
EE583 Personal Communication Systems (Wireless) (Spring, even-numbered years) (Borah)
EE585 Telemetry (Fall, odd-numbered years) (Horan)
EE589 Digital Speech Processing (Fall, odd-numbered years) (De Leon)
EE594 Adaptive SP (Fall, even-numbered years) (De Leon)
EE595 Applications DSP: Filterbanks and Wavelets (Spring, even-numbered years) (Creusere)
EE596 Digital Image Processing (Spring, even-numbered years) (Creusere)

Courses Taught as per Demand

EE572 Theory of Channel Coding
EE671 Detection/Estimation Theory (Lyman)

Future Expansion

EE490/EE590 Instrumentation (Horan)
EE590 Statistical DSP (Borah, De Leon)
EE590 Information Theory (Borah, Lyman)
EE590 Spread Spectrum/3G Wireless (Borah)

Spring 2006 (Tentative)

EE211 AC Circuits (Horan)
EE311 Signals and Systems (Lyman)
EE3xx Intro to Probability and Random Processes (Creusere)?
EE492/EE592 Real-Time DSP (De Leon)
EE497 Introduction to Communication Systems II (Borah)
EE555 Advanced Linear Systems (Paz)
EE581 Digital Communications I (Lyman)
EE583 Personal Communications Systems (Wireless) (Borah)
EE595 Applications DSP (Filterbanks and Wavelets) (Creusere)

Fall 2005 (Tentative)

EE211 AC Circuits (Horan)
EE311 Signals and Systems (Lyman)
EE395 Introduction to DSP (Creusere)
EE496 Introduction to Communications Systems I (Borah)
EE545 DSP (De Leon)
EE571 Probability and Random Processes (Lyman)
EE585 Telemetry (Horan)
EE589 Digital Speech Processing (De Leon)
EE596 Digital Image Processing (Creusere)
EE671 Detection and Estimation (Borah)

Spring 2005 (Tentative)

EE211 AC Circuits (Horan)
EE311 Signals and Systems (Lyman)
EE498 CAPSTONE (Horan)
EE492/EE592 Real-Time DSP (De Leon)
EE497 Introduction to Communication Systems II (Lyman)
EE555 Advanced Linear Systems (De Leon)
EE581 Digital Communications I (Borah)
EE565 Pattern Recognition (Creusere)
EE573 Signal Compression (Creusere)

Fall 2004

EE211 AC Circuit (Horan)
EE311 Signals and Systems (Lyman)
EE395 Introduction to DSP (Creusere)
EE498 CAPSTONE (Horan)
EE496 Introduction to Communications Systems I (Lyman)
EE545 DSP (Creusere)
EE571 Probability and Random Processes (Borah)
EE582 Mathematical Methods for Comm and DSP (Borah)
EE594 Adaptive SP (De Leon)

Spring 2004

EE311 Signals and Systems (Lyman)
EE490 CAPSTONE (Horan)
EE490 CAPSTONE (Horan)
EE492/EE592 Real-Time DSP (De Leon)
EE497 Introduction to Communication Systems II (Lyman)
EE555 Advanced Linear Systems (Paz)
EE581 Digital Communications I (Borah)
EE583 Personal Communications Systems (Wireless) (Borah)
EE595 Applications DSP (Filterbanks and Wavelets) (Creusere)
EE596 Digital Image Processing (Creusere)

Fall 2003

EE311 Signals and Systems (Lyman)
EE395 Introduction to DSP (Creusere)
EE490 CAPSTONE (Horan)
EE490 CAPSTONE (Horan)
EE496 Introduction to Communications Systems I (Lyman)
EE545 DSP (Creusere)
EE571 Probability and Random Processes (Borah)
EE590 Digital Speech Processing (De Leon)

Spring 2003

EE311 Signals and Systems (Lyman)
EE490 CAPSTONE (Horan)
EE492/EE592 Real-Time DSP (De Leon)
EE497 Introduction to Communication Systems II (Cancelled)
EE565 Pattern Recognition (Creusere)
EE555 Advanced Linear Systems (De Leon)
EE573 Theory of Source Coding (Creusere)
EE581 Digital Communications I (Borah)
EE585 Telemetry (Horan)
EE671 Detection and Estimation (Lyman)

Fall 2002

EE395 Introduction to DSP (Creusere)
EE490 CAPSTONE (Horan)
EE496 Introduction to Communications Systems I (Lyman)
EE545 DSP (Creusere)
EE571 Probability and Random Processes (Borah)
EE582 Digital Communications II (Borah)
EE594 Adaptive SP (De Leon)