

## Academics

[Overview](#)

[Calendar](#)

[Regulations](#)

[Services](#)

[Programs](#)

[Minors](#)

[Courses](#)

[Faculty](#)

## Course Index

[A](#)  
[B](#)  
[C](#)  
[D](#)  
[E](#)  
[F](#)  
[G](#)  
[H](#)  
[I](#)  
[J](#)  
[L](#)  
[M](#)  
[N](#)  
[O](#)  
[P](#)  
[R](#)  
[S](#)  
[T](#)  
[U](#)  
[V](#)  
[W](#)

### **SCHOOL OF APPLIED SCIENCES** **HEALTH, EXERCISE SCI & RECREATION MGMT**

- [EL 100: Wilderness Living Techniques](#)
- [EL 103: Ropes Courses and Climbing Basics](#)
- [EL 105: Self Defense Activities](#)
- [EL 111: Cycling](#)
- [EL 117: Volleyball](#)
- [EL 118: Beginning Fencing](#)
- [EL 119: Archery](#)
- [EL 120: Intro to Lifetime Leisure Activities](#)
- [EL 124: Racquetball](#)
- [EL 129: Body Contouring and Conditioning](#)
- [EL 132: Canoeing](#)
- [EL 133: Backpacking](#)
- [EL 134: Kayaking](#)
- [EL 137: Bowling](#)



- [EL 139: Golf](#)
- [EL 142: Open Water Scuba Diving](#)
- [EL 147: Tennis](#)
- [EL 151: Weight Lifting](#)
- [EL 153: Sports Conditioning](#)
- [EL 154: Coaching Soccer](#)
- [EL 155: Walking I](#)
- [EL 156: Jogging](#)
- [EL 158: Low Impact Aerobics](#)
- [EL 159: High Impact Aerobics](#)
- [EL 169: Aqua Exercise](#)
- [EL 170: Beginning Swimming](#)
- [EL 171: Intermediate Swimming](#)
- [EL 172: Advanced Swimming](#)
- [EL 173: Lifeguarding](#)
- [EL 174: Water Safety Instructor](#)
- [EL 175: Lifeguarding Instructor](#)
- [EL 200: Teaching Techniques for Land-Based Adven](#)
- [EL 217: Advanced Volleyball](#)
- [EL 218: Advanced Fencing](#)
- [EL 219: Advanced Archery](#)
- [EL 224: Advanced Racquetball](#)
- [EL 229: Advanced Body Contouring & Conditioning](#)
- [EL 231: Teaching Techniques for Small Craft](#)
- [EL 233: Sports Officiating I](#)
- [EL 234: Sports Officiating II](#)
- [EL 237: Advanced Bowling](#)
- [EL 239: Advanced Golf](#)
- [EL 242: Advanced Open Water Scuba Diving](#)
- [EL 247: Advanced Tennis](#)
- [EL 251: Advanced Weight Lifting](#)
- [EL 253: Advanced Sports Conditioning](#)
- [EL 255: Coaching Tennis](#)
- [EL 269: Advanced Aqua Exercise](#)
- [EL 342: Master Diver](#)
- [EL 352: Coaching Football](#)
- [EL 353: Advanced Sports Conditioning](#)
- [EL 354: Coaching Basketball](#)
- [EL 355: Coaching Baseball-Softball](#)
- [EL 357: Coaching Volleyball](#)
- [EL 359: Coaching Track and Field](#)
- [EL 442: Dive Supervisor](#)
- [EL 453: Advanced Sports Conditioning](#)

## **SCHOOL OF ENGINEERING** **ELECTRICAL ENGINEERING**

- [EI E 100: Introduction to Electrical Engineering](#)
- [EI E 101: Survey of the Electrotechnology](#)
- [EI E 237: Electrical Engineering Tools and Toys](#)
- [EI E 301: Applied Electronics](#)
- [EI E 302: Applied Communication Systems](#)
- [EI E 322: Electric Circuit II](#)
- [EI E 331: Linear Systems](#)
- [EI E 333: Systems Laboratory](#)
- [EI E 335: Principles of Digital Systems](#)
- [EI E 336: Digital Systems Laboratory I](#)
- [EI E 337: Digital Systems Laboratory II](#)
- [EI E 340: Electrical Engineering Analysis I](#)
- [EI E 341: Theory of Fields](#)
- [EI E 351: Models and Circuits I](#)



- [EI E 352: Models and Circuits II](#)
- [EI E 353: Electronics Laboratory](#)
- [EI E 354: PC-Based Instrumentation Laboratory](#)
- [EI E 357: Electrical Engineering Problems I](#)
- [EI E 358: Electrical Engineering Problems II](#)
- [EI E 367: Computer-Aided Design in Electrical Engr](#)
- [EI E 385: Advanced Digital Systems](#)
- [EI E 386: Advanced Digital Systems Laboratory](#)
- [EI E 391: Random Signals](#)
- [EI E 431: Theory of Control Systems](#)
- [EI E 432: Robotics Laboratory](#)
- [EI E 433: High Frequency and Microwave Laboratory](#)
- [EI E 434: Fiber Optics Laboratory](#)
- [EI E 441: Electromagnetic Theory I](#)
- [EI E 442: Electromagnetic Theory II](#)
- [EI E 443: Network Analysis and Synthesis](#)
- [EI E 447: Modulation, Noise, and Communications](#)
- [EI E 449: Analog Communications Laboratory](#)
- [EI E 450: Digital Communications Laboratory](#)
- [EI E 451: Electrical Energy Conversion](#)
- [EI E 452: Electric Power Transformer Laboratory](#)
- [EI E 453: Solid State Devices](#)
- [EI E 461: Sr. Design in Electrical Engineering I](#)
- [EI E 462: Sr. Design in Electrical Engineering II](#)
- [EI E 481: Fund. Low Power Dig. VLSI Design](#)
- [EI E 482: Digital CMOS VLSI Design](#)
- [EI E 485: Microprocessor Systems Engineering](#)
- [EI E 486: Microprocessor Systems Engr Lab](#)
- [EI E 487: Digital Signal Processing Laboratory](#)
- [EI E 521: Electrical Engineering Projects I](#)
- [EI E 522: Electrical Engineering Projects II](#)
- [EI E 523: Microwave Engineering](#)
- [EI E 525: Introduction to Antennas](#)
- [EI E 533: Electronic Properties of Materials](#)
- [EI E 536: Introduction to Quantum Computing](#)
- [EI E 561: Microwave Circuit Design](#)

