



**Accelerated Online Program (AOP)  
Course Plan**

*As of 2/28/2023*

**Summer 2023**

| Course Number | Term | Course Title  | Credit Hours |
|---------------|------|---|--------------|
| ECE 531       | Full | Intro to Internet of Things   | 3            |
| ECE 535       | Full | Satellite Communications  | 3            |
| ECE 551       | Full | Problems - Focuses on Machine Learning Projects <b>Contact</b><br><b>Prof. Pattichis for permission to register</b> | 1-6          |

**Fall 2023**

| Course Number | Term | Course Title                           | Credit Hours |
|---------------|------|--|--------------|
| ECE 535       | 1H   | Satellite Communications               | 3            |
| ME 595        | 1H   | Orbital Mechanics                      | 3            |
| ECE 517       | 2H   | Machine Learning                       | 3            |
| ECE 522       | 2H   | Hardware Software Codesign with FPGA   | 3            |
| ECE 540       | 2H   | Advanced Networking                    | 3            |
| ECE 590       | 2H   | Graduate Seminar                       | 1            |
| ME 596        | 2H   | Spacecraft Attitude Dynamics & Control | 3            |

**Spring 2024**

| Course Number | Term | Course Title                     | Credit Hours |
|---------------|------|----------------------------------|--------------|
| ECE 529       | 1H   | Intro to Technical Cybersecurity | 3            |
| ME 597        | 1H   | Small Spacecraft Design I        | 3            |
| ECE 530       | 2H   | Cloud Computing                  | 3            |
| ECE 590       | 2H   | Graduate Seminar                 | 1            |
| ME 594        | 2H   | Space Situational Awareness      | 3            |
| ECE 595       | 2H   | Technical Cybersecurity II       | 3            |