

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

As of 9/19/2024

Summer 2025

Course Number	Term	Course Name	Credits
ECE 531	Full	Intro to Internet of Things	3
ECE 535	Full	Satellite Communications	3
ECE 551	Full	Problems - Focuses on Machine Learning Projects: Contact Prof. Pattichis for permission to register	1-6

Fall 2025

Course Number	Term	Course Name	Credits
ECE 506	Full	Optimization Theory (16-week AOP course)	3
ECE 551	Full	Problems - Focuses on Machine Learning Projects Contact Prof. Pattichis for permission (pending approval for 16 weeks)	1-6
ME 595	1H	Orbital Mechanics	3
ECE 535	1H	Satellite Communications	3
ECE 529	1H	Intro to Technical Cybersecurity	3
ECE 595	2H	Technical Cybersecurity II	3
ECE 517	2H	Machine Learning	3
ECE 540	2H	Advanced Networking	3
ECE 590	2H	Graduate Seminar	1
ME 596	2H	Spacecraft Attitude Dynamics & Control	3

Spring 2025

Course Number	Term	Course Name	Credits
ECE 533	Full	Digital Image Processing (16-week AOP course)	3
ECE 551	1H	Problems - Focuses on Machine Learning Projects. Contact Prof. Pattichis for permission.	1-6
ME 597	1H	Small Spacecraft Design I	3
ECE 530	1H	Cloud Computing	3
ECE 595	2H	AI Infrastructure	3
ECE 510	2H	Deep Learning (new class, pending approval)	3
ECE 595	2H	IoT Applications to Healthcare (new class, pending approval)	3
ECE 590	2H	Graduate Seminar	1
ME 594	2H	Space Situational Awareness	3