

## Fall 2025 Registration Detail for Course Offerings – **SUBJECT TO CHANGE**

Register for classes in [StudentAdmin](#).

### Biomedical Engineering

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
8959	BME	5000	010X	Physiological Systems I	Online Synchronous	10	Marie Luby	6:30 - 9:30PM/ Tu
8090	BME	5020	001	Clinical Engineering Fundamentals	Online Asynchronous	18	David Pillittere	N/A
9036	BME	5030	001	Medical Device Accidents	Online Asynchronous	15	TBA	N/A
9040	BME	5070	001	Clinical Systems Engineering	Online Asynchronous	20	David Kaputa	N/A

### Chemical Engineering

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
10554	CHEG	5001	001	Advanced Chemical Engineering Fundamentals	Online Asynchronous	25	Jennifer Pascal	N/A
10520	CHEG	5301	001	Chemical Engineering Thermodynamics I	In Person	25	Luyi Sun	5pm-6:15pm Tu/Th
10522	CHEG	5315	002	Transfer Operations I	Online Asynchronous	25	Jennifer Pascal	N/A
10557	CHEG	5330	001	Applied Machine Learning in Chemical Engineering	Online Synchronous	30	Burcu Beykal	5-6:15 pm Tu/Th
10555	CHEG	5333	001	Computer Simulation in Chemical Engineering	Online Asynchronous	30	TBA	N/A

## Civil Engineering

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
6846	CE	5384	001	Accelerated Bridge Construction	Online Asynchronous	15	Alexander Hain	N/A

## Computer Science & Engineering

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
4506	CSE	5050	001	Algorithms and Complexity	Online Asynchronous	60	Mukul Bansal	N/A
4301	CSE	5095	004	Special Topics in Computer Science and Engineering	In Person	24	Tingting Yu	11-12:15pm/TuThu/HAWL 204
4476	CSE	5312	001	Architecture of Internet of Things	Online Synchronous	20	Song Han	6-8pm/Th
4495	CSE	5520	001x	Data Visualization and Communication	Online Asynchronous	40	Seung-Hyun Hong	N/A
4517	CSE	5709	002	Machine Learning for Data Science	Online Asynchronous	30	Joseph Johnson	N/A

## Electrical & Computer Engineering

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
8128	ECE	5101	010x	Introduction to System Theory	Online Synchronous	5	Shan Zuo	Monday 6pm-9pm
8219	ECE	5151	001	Underwater Acoustics and Sensing Systems	Online Asynchronous	15	Shengli Zhou	N/A
8202	ECE	5512	010x	Power Distribution	Online Synchronous	25	Junbo Zhao	Wednesday 6pm-9pm

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8199	ECE	5530	001	Modeling and Control of Electric Drives	In Person	20	Ali Bazzi	Monday 5pm-8pm/MCHU 107
8212	ECE	5554	001	Distribution Management Systems	Online Asynchronous	25	Thi Ha Nguyen	N/A
8132	ECE	6111	001	Applied Probability and Stochastic Processes	In Person	20	Yaakov Bar-Shalom	Thursday 6-9pm/ITE 125

## Engineering

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
11112	ENGR	5311	001	Prof Communication & Info Mgmt	Online (FYI – 3 synchronous sessions w/on campus OR virtual attendance required)	20	Warren Osterndorf (PI)	N/A
11113	ENGR	5312	001	Engr. Proj. Planning & Mgmt.	Online Asynchronous	20	Abhay Trivedi	N/A
11114	ENGR	5314	001	Adv Engineering Mathematics	Online Asynchronous	25	David Tonn (PI)	N/A
N/A	ENGR	5315	001	MENG Capstone	Email: <a href="mailto:engrcaee@uconn.edu">engrcaee@uconn.edu</a>	As needed	Staff	N/A

## Environmental Engineering

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
6698	ENVE	5210	001	Environmental Engineering Chemistry I	Online Asynchronous	15	Alexander Agrios	N/A
6715	ENVE	5320	001	Quantitative Methods for Engineers	In Person	20	Diego Cerrai	4:15-5:30pm/Mo/We/CAST 204

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## Digital Design & Manufacturing

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location

## Institute of Materials Science

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
10851	IMS	5302	001	Structural Analysis	Online Asynchronous	35	Steven Suib, Seth March	N/A
10853	IMS	5303	001	Compositional Analyses	Online Asynchronous	35	Steven Suib, Capri Price	N/A

## Manufacturing Engineering

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location

## Marine Sciences (for Oceanographic Science & Tech Certificate Students)

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location

## Materials Science & Engineering

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10896	MSE	5001	001	Principles of Materials Engineering	In Person	25	TBA	5-7:30 pm/Tu/E2 322
10897	MSE	5095	001	Special Topics in MSE: Sustainable Materials Selection	In Person	25	Xueju Wang	3:30-4:45pm/Tu/Th/E2 322
10898	MSE	5095	002	Special Topics in MSE: Non-Destructive Characterization	In Person	25	TBA	9-8:30pm/Th/PWE 175
10899	MSE	5095	003	Special Topics in MSE: Non-Destructive Characterization	In Person	20	Puxian Gao	5-7:30 pm/Tu/E2 323
10891	MSE	5322	001x	Materials Characterization	Online Synchronous	25	Yuanyuan Zhu	2-3:15pm/Tu/Th

## [Mechanical Engineering](#)

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
7866	ME	5110	010x	Advanced Thermodynamics	Online Synchronous	15	Jackie (Chih-Jen) Sung	Tuesdays 5-7:30pm
7868	ME	5130	010x	Advanced Heat and Mass Transfer	Online Synchronous	15	Wilson Chiu	Thursdays 5-7:30pm
7859	ME	5150	001x	Analytical and Applied Kinematics	Online Synchronous	20	Kazem Kazerounian	Wednesday 5-7pm
7871	ME	5190	010x	Advanced Solid Mechanics	Online Synchronous	15	Anna Tarakanova	Mondays 5-7:30pm
7891	ME	5515	001	Introduction to Hands-On Finite Element Analysis	Online Asynchronous	20	Rajiv Naik	N/A

## [Systems Engineering](#)

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13681	SE	5001	001	Model-Based Systems Engineering	Online Synchronous	20	TBA	Wednesday 6-7:30pm
13680	SE	5095	002	Model Based Design for Cyber-Physical Systems	Online Synchronous	20	TBA	Wednesday 6-7:30pm
13682	SE	5201	001	Embedded/Networked Systems Modeling Abstractions	Online Synchronous	15	Fei Miao	Tuesday 6-7:30pm
13683	SE	5402	001	Architecture of Internet of Things	Online Synchronous	15	Song Han	Thursday 6-8:00pm