Spring 2022 Registration Detail for Course Offerings – Updated 1/6/22

Advanced Manufacturing for Energy Systems

No course offerings for Spring 2022

Biomedical Engineering

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
9774	BME	5040	001	Medical Instrumentation	Online	25	Christopher Falkner (PI)	12:00AM - 12:00AM / /
15118	BME	5080	001	Medical Device Cybersecurity	Online	30	Axel Wirth (SI), David Kaputa (PI), Stephen Grimes (SI)	12:00AM - 12:00AM / / NRRSTORONL
17742	BME	5320	010X	Biosensors & Nanodevices	Distance Learning	25	Kazunori Hoshino	12:30PM – 3:30PM /Tu/No Room Required - Online
17743	BME	5500	010X	Clinical Inst. Systems	Distance Learning	10	Marie Luby	6:30PM – 9:00PM/Tu/No Room Required - Online
17192 eq	BME	6810	010X	Machine Learning Methods	Distance Learning	10	Sabato Santaniello	5:00PM-8:00PM /We/No Room Required – Online

Chemical Engineering

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
10609	CHEG	5339	001	Uncertainty Analysis Robust Design	Distance Learning	15	Matthew Stuber (PI)	5:00PM - 7:00PM / Th /No Room Required - Online
17728	CHEG	5330	001	Applied Machine Learning	Online	15	Ranjan Srivastava (PI)	12:00AM - 12:00AM / / No Room Required - Online

Civil Engineering

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
9594	CE	5122	001	Adv Mechanics of Materials	In Person	20	Ramesh Malla (PI)	3:30PM - 4:45PM / TuTh /
9592	CE	5166	001	Finite Element II	Online	20	Jeongho Kim (PI)	12:00AM - 12:00AM / / NRRSTORONL
16628	CE	5383	001	Design of Bridges for Extreme Events	Online	20	Arash Esmaili Zaghi (PI)	12:00AM - 12:00AM / / NRRSTORONL
9595	CE	5610	001	Adv Reinforced Concrete Struct	Distance Learning	20	Kay Wille (PI)	4:40PM - 7:40PM / No Room Require - Online

Computer Science & Engineering

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
17511	CSE	5050	001	Algorithms & Complexity	Online	30	Mukul Bansal (PI)	12:00AM - 12:00AM / / No Room Required - Online
17485	CSE	5309	001	Network Embedded Systems	Distance Learning	10	Fei Miao	6:00PM - 7:30PM / Tu / Nor Room Required - Online
8573	CSE	5713	001	Data Mining	Distance Learning	40	Dongjin Song (PI)	6:00PM – 7:15PM / TuTh / No Room Required – Online
16057	CSE	5717	001	Big Data Analytics	Distance Learning	10	Suining He (PI)	4:40PM - 5:55PM / MoWe / NRRSTORONL
16590	CSE	5819	001	Intro to Machine Learning	Distance Learning	25	Fei Miao (PI)	6:00PM - 7:15PM / MoWe / NRRSTORONL
16644	CSE	5820	001	Machine Learning	In Person	10	Jinbo Bi (PI)	3:30PM - 4:45PM / TuTh / E2322
16134	CSE	5835	001	Machine Learning Physical Sci & Sys	Distance Learning	15	Qian Yang (PI)	6:00PM - 7:30PM / Mo / NRRSTORONL
16672	CSE	5850	002	Intro to Cyber-Security	Distance Learning	20	Ghada Almashaqbeh (PI)	3:30PM - 4:45PM / TuTh / NRRSTORONL

Electrical & Computer Engineering

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
18207	ECE	5520	010X	Advanced Power Electronics	Distance Learning	10	Ali Bazzi (PI)	6:00PM - 8:00PM / Mo / NRRSTORONL
17713	ECE	5552	001	Communication Systems for Smart Grids	Distance Learning	40	Zongjie Wang (PI_	6:00PM - 8:00PM / Mo / NRRSTORONL
16658	ECE	6141	010X	Neural Networks for Classification & Optimization	Distance Learning	5	Krishna Pattipati (PI)	6:00PM - 9:00PM / Tu /
17569	ECE	6171	010X	Mobile Robotics	Distance Learning	5	Ashwin Dani (PI)	6:00PM - 9:00PM / Th /

Engineering

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
7192	ENGR	5311	001	Prof Communication & Info Mgmt	Online	20	Warren Osterndorf (PI)	12:00AM - 12:00AM / / No Room Required - Online
7870	ENGR	5312	001	Engr. Proj. Planning & Mgmt.	Online	20	Jorge Montoya (PI)	12:00AM - 12:00AM / /No Room Required -
6423	ENGR	5314	001	Adv Engineering Mathematics	Online	20	David Tonn (PI)	12:00AM - 12:00AM / /No Room Required-
N/A	ENGR	5315	001	MENG Capstone	Email: soeprofed@uconn.edu	As needed	Staff	12:00AM - 12:00AM / /no Room Required-

Environmental Engineering

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
7666	ENVE	5210	001	Envir Engr Chemistry - I	Online	30	Alexander Agrios (PI)	12:00AM - 12:00AM / /No Room Required - Online
17618	ENVE	5821	010X	Vadose Zone Hydrology	Distance Learning	20	Amvrossios Bagtzoglou (PI)	5:30PM - 6:45PM / TuTh / No Room Required - Online

Institute of Materials Science

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
16624	IMS	5301	001	Microstructural Morph Analyses	Online	25	Steven Suib (PI)	12:00AM - 12:00AM / / NRRSTORONL
16625	IMS	5304	001	Surface Interfacial Analysis	Online	25	Steven Suib (PI)	12:00AM - 12:00AM / / NRRSTORONL

Manufacturing Engineering

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
18231	MFGE	5210	001	Data Science for Materials & Manufacturing	Distance Learning	10	Hongyi XZu (PI)	6:00PM - 7:30PM / Tu / NRRSTORONL
16634	ME	5430	001	Mechanics of Comp of Materials	Online	10	Rajiv Naik (PI)	12:00AM - 12:00AM / / NRRSTORONL

12/13/21

- ME 5430 may be taken by MENG/Manufacturing students as a core course

Materials Science & Engineering

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
17727	MSE	5095	002	Investigation of Special Topic – Surface Science for Materials	In Person	20	Daniel Goberman (PI)	5:00PM - 7:30PM / We /CAST 201
17730	MSE	5095	003	Investigation of Special Topic – New Carbon Materials	Online	20	Weiming Lu (PI)	12:00AM - 12:00AM / /
17840	MSE	5095	004X	Special Topics in MSE-Intro to Materials Informatics	Distance Learning	7	Sanjeev Nayak (PI)	5:00PM - 7:30PM / Th / NRRSTORONL
17958	MSE	5095	005	Special Topics in MSE-Textile Structural Composite Materials	Online	30	Rajiv Naik	12:00AM - 12:00AM / / NRRSTORONL
7887	MSE	5336	010X	Material Selection Mech Design	Distance Learning	10	Greg Ojard	5:00PM - 7:30PM / Mo /

Mechanical Engineering

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
16617	ME	5105	010X	Basic Concepts of Continuum Mechanics	Distance Learning	16	George Lykotrafitis (PI)	5:00PM - 7:30PM / Mo /
3727	ME	5120	002	Advanced Thermo-Fluids I	Online	25	Reza Sheikhi (PI)	12:00AM - 12:00AM / /
16619	ME	5180	001	Dynamics	Online	11	Ryan Cooper (PI)	12:00AM - 12:00AM / / NRRSTORONL
8043	ME	5311	010X	Computational Fluid Dynamics	Distance Learning	11	Georgios Matheou (PI)	5:00PM - 7:30PM / We /
16634	ME	5430	001	Mechanics of Comp of Materials	Online	10	Rajiv Naik (PI)	12:00AM - 12:00AM / / NRRSTORONL
16640	ME	5702	001	Data Sci for Materials Manufac	Distance Learning	15	Hongyi Xu (PI)	6:00PM - 7:30PM / Tu / No Room Required - Online

6170	ME	5895	003	Special Topics in Mech Engr – Adv. Biomechanics/Soft Tissues	Distance Learning	10	David Pierce (PI)	5:00PM - 7:30PM / We / No Room Required - Online

Systems Engineering

Class Nbr	Subject Area	Catalog Nbr	Class Section	Description	Instruction Mode	Enrollment Capacity	Instructor (Role)	Hours/Days/Location
8061	SE	5000	001	Introduction to Systems Eng	Distance Learning	20	Amy Thompson (PI)	6:00PM - 7:30PM /Mo / NRRSTORONL
8604	SE	5001	010X	Model-Based System Engineering	Distance Learning	20	Amy Thompson (PI)	6:00PM - 7:30PM / We / NRRSTORONL
10578	SE	5095	001	Special Topics – Machine Learning for Physical Sciences & Systems	Distance Learning	15	Qian Yang (PI)	6:00PM - 7:30PM /Mo / NRRSTORONL
16614	SE	5095	002	Model Based Design for Realtime Cyber Physical Systems	Distance Learning	15	Tim Crowley (PI)	6:00PM - 7:30PM / Tu / NRRSTORONL
7963	SE	5102	001	Uncertainty Analysis, Robust	Distance Learning	15	Matthew Stuber (PI)	5:00PM - 7:00PM / Th /
8605	SE	5201	001	Embedded/Networked Systems Mod	Distance Learning	15	Fei Miao (PI)	6:00PM - 7:30PM / Tu / NRRSTORONL
8606	SE	5502	010X	Capstone Proj Sys Engineering	Distance Learning	15	Amy Thompon (PI)	6:00PM - 7:30PM / Tu / NRRSTORONL
16639	SE	5702	001	Data Science for Materials & Manufacturing	Distance Learning	15	Hongyi XZu (PI)	6:00PM - 7:30PM / Tu / NRRSTORONL