Courses offered in Spring 2023-24

Code	Title	Remarks
BIEN1010	Introduction to Biomedical Engineering	Remarks
BIEN2410	Cellular and Systems Physiology for Engineers	
BIEN3320	Data Science for Biology and Medicine	
12.2		1
CENG1500	A First Course on Materials Science and Applications	
CENG2210	Chemical and Biological Engineering Thermodynamics	
CENG2220	Transport Phenomena I	
CENG3110	Process Dynamics and Control	
CENG3150	Integrated Chemical Process and Product Design	
CENG3950	Chemical and Environmental Engineering Laboratory	Not for pre-enrollment
CENG4720	Environmental Impact Assessment and Management Systems	
CIVL1100	Discovering Civil and Environmental Engineering	
CIVL1160	Civil Engineering and Modern Society	
CIVL2020	Industrial and BIM Training	Not for pre-enrollment
CIVL2110	Statics	
CIVL2120	Mechanics of Materials	
CIVL2170	Infrastructure Systems Engineering and Management	
CIVL2410	Environmental Assessment and Management	
CIVL2510	Fluid Mechanics	
CIVL3210	Introduction to Construction Management	
CIVL3310	Structural Analysis	
CIVL3320	Reinforced Concrete Design	
CIVL3420	Water and Wastewater Engineering	
CIVL3610	Traffic and Transportation Engineering	
CIVL3740	Geotechnical Analysis and Design	
CIVL3910	Smart Infrastructure Sensing and Data Analytics	
CIVL4100R	Practical Machine Learning for Smart Infrastructure Systems	
CIVL4220 CIVL4270	Scientific Machine Learning for Infrastructure Systems	
	Construction Law and Contract Administration	
CIVL4320 CIVL4340	Structural Steel Design	
CIVL4340 CIVL4430	Prestressed Concrete Design	
CIVL4450 CIVL4450	Environmental Impact Assessment Carbon Footprint Analysis and Reduction	
CIVL4450 CIVL4640	Introduction to Smart City Economics	
CIVL4040 CIVL4710	Soil Slope Engineering	
CIVLATIO	Son Stope Engineering	
COMP1001	Exploring Multimedia and Internet Computing	
COMP1021	Introduction to Computer Science	
COMP1022P (pure online)	Introduction to Computing with Java	
COMP1029C	C Programming Bridging Course	
COMP1029J	Java Programming Bridging Course	
COMP1029P	Python Programming Bridging Course	
COMP1029V	Excel VBA Programming Bridging Course	
COMP1942	Exploring and Visualizing Data	
COMP1944	Artificial Intelligence Ethics [blended]	
COMP1991	Industrial Experience	Not for pre-enrollment
COMP2011	Programming with C++	
COMP2012	Object-Oriented Programming and Data Structures	
COMP2211	Exploring Artificial Intelligence	Not for pre-enrollment
COMP2611	Computer Organization	
COMP2711	Discrete Mathematical Tools for Computer Science	
COMP3021	Java Programming	Not for pre-enrollment
COMP3071	Honors Competitive Programming	Not for pre-enrollment
COMP3111	Software Engineering	
COMP3211	Fundamentals of Artificial Intelligence	Not for pre-enrollment
COMP3511	Operating Systems	
COMP3632	Principles of Cybersecurity	Not for pre-enrollment
COMP3633	Competitive Programming in Cybersecurity II	Not for pre-enrollment
COMP3711	Design and Analysis of Algorithms	1 27 0
COMP3711H	Honors Design and Analysis of Algorithms	Not for pre-enrollment
COMP4021	Internet Computing	Not for pre-enrollment
COMP4211	Machine Learning	Not for pre-enrollment
COMP4221	Introduction to Natural Language Processing	Not for pre-enrollment
COMP4321	Search Engines for Web and Enterprise Data [pure online]	Not for pre-enrollment
COMP4332/RMBI4310	Big Data Mining and Management	Not for pre-enrollment
COMP4411	Computer Graphics	Not for pre-enrollment

COMP4421	I D'	N C 11
COMP4421 COMP4431	Image Processing Multimedia Computing [blended]	Not for pre-enrollment
COMP4441	Computer Music	Not for pre-enrollment Not for pre-enrollment
COMP4461	Human-Computer Interaction	Not for pre-enrollment
COMP4521	Mobile Application Development	Not for pre-enrollment
COMP4621	Computer Communication Networks I	Not for pre-enrollment
COMP4632	Cybersecurity: Attacks and Counter-measures	Not for pre-enrollment
COMP4651	Cloud Computing and Big Data Systems	Not for pre-enrollment
COMP4901U	Modern Compiler Construction	Not for pre-enrollment
COMP4901W	Introduction to Bloackchain, Cryptocurrencies, and Smart Contracts	Not for pre-enrollment
COMP4911/6613D-PGcrosslist	IT Entrepreneurship/Start Me Up: Creating Value by Innovation	Not for pre-enrollment
CORE1223	Climate Change, Big History and Sustainability	
ELEC1010	Electronic and Information Technology	
ELEC1010 ELEC1100	Introduction to Electro-Robot Design	
ELEC1200	A System View of Communications: from Signals to Packets	
ELEC2100	Signals and Systems	
ELEC2350	Introduction to Computer Organization and Design	
ELEC2400	Electronic Circuits	
ELEC2600	Probability and Random Processes in Engineering	
ELEC3100	Signal Processing and Communications	
ELEC3120	Computer Communication Networks	
ELEC3180	Data-Driven Portfolio Optimization	
ELEC3200	System Modeling, Analysis and Control	
ELEC3300	Introduction to Embedded Systems	
ELEC3400	Introduction to Integrated Circuits and Systems	
ELEC3600	Electromagnetics: From Wireless to Photonic Applications	
ELEC4010P	Quantum Mechanics for Electronic Engineers	TBC
ELEC4130	Machine Learning on Images	150
ELEC4430	Integrated Power Electronics	
ELEC4520	Integrated Circuit Fabrication Technology	
ELEC4530	Fundamentals of Photovoltaic and Renewable Energy	
ELEC4610	Engineering Optics	
ELEC4840	Artificial Intelligence for Medical Image Analysis	previous code: ELEC4010N
ENECOMO	0 . 11 P . 11 .	N . C 11
ENEG3910	Sustainable Energy Laboratory	Not for pre-enrollment
		Not for pre-enrollment
IEDA2010	Introduction of Industrial Engineering and Decision Analytics	Not for pre-enrollment
IEDA2010 IEDA2100	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S)	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2540	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2540 IEDA3180	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2540 IEDA3180 IEDA3460	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2540 IEDA3180 IEDA3460 IEDA3560	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2540 IEDA3180 IEDA3460 IEDA3560 IEDA4100	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2540 IEDA3180 IEDA3460 IEDA3560 IEDA4100 IEDA4130	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2540 IEDA3180 IEDA3460 IEDA3560 IEDA4100 IEDA4130 IEDA4200	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2540 IEDA3180 IEDA3460 IEDA3560 IEDA4100 IEDA4130	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2540 IEDA3180 IEDA3460 IEDA3560 IEDA4100 IEDA4130 IEDA4200 IEDA4331 IEDA4500	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2540 IEDA3180 IEDA3460 IEDA3560 IEDA4100 IEDA4130 IEDA4200 IEDA4331 IEDA4500 IEDA4500	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech Introduction to Integrative Systems and Design	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2540 IEDA3180 IEDA3460 IEDA3560 IEDA4100 IEDA4130 IEDA4200 IEDA4331 IEDA4500 ISDN1001 ISDN1006	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech Introduction to Integrative Systems and Design Human-centered Innovation	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2100 IEDA2540 IEDA3180 IEDA3460 IEDA3560 IEDA4100 IEDA4130 IEDA4200 IEDA4500 IEDA4500 IEDA4500 ISDN1001 ISDN1006 ISDN2000	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech Introduction to Integrative Systems and Design Human-centered Innovation What is Design and Why Design?	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2100 IEDA2540 IEDA3180 IEDA3460 IEDA3560 IEDA4100 IEDA4130 IEDA4200 IEDA4500 IEDA4500 ISDN1001 ISDN1006 ISDN2000 ISDN2400	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech Introduction to Integrative Systems and Design Human-centered Innovation What is Design and Why Design? Physical Prototyping	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2100 IEDA2540 IEDA3180 IEDA3460 IEDA3560 IEDA4100 IEDA4130 IEDA4200 IEDA4331 IEDA4500 ISDN1001 ISDN1006 ISDN2000 ISDN2400 ISDN2400 ISDN2602	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech Introduction to Integrative Systems and Design Human-centered Innovation What is Design and Why Design? Physical Prototyping Internet of Things: Integrative System Design	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2100 IEDA2540 IEDA3180 IEDA3460 IEDA3560 IEDA4100 IEDA4130 IEDA4200 IEDA4331 IEDA4500 ISDN1001 ISDN1006 ISDN2000 ISDN2400 ISDN2400 ISDN2602 ISDN4000L	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech Introduction to Integrative Systems and Design Human-centered Innovation What is Design and Why Design? Physical Prototyping Internet of Things: Integrative System Design Advanced Sketching	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2100 IEDA2540 IEDA3180 IEDA3460 IEDA3560 IEDA4100 IEDA4130 IEDA4200 IEDA4500 IEDA4500 ISDN1001 ISDN1006 ISDN2000 ISDN2400 ISDN2400 ISDN2602 ISDN4000L ISDN4000P	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech Introduction to Integrative Systems and Design Human-centered Innovation What is Design and Why Design? Physical Prototyping Internet of Things: Integrative System Design Advanced Sketching Introduction to Brand Design	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2100 IEDA2540 IEDA3180 IEDA3460 IEDA3560 IEDA4100 IEDA4130 IEDA4200 IEDA4500 IEDA4500 ISDN1001 ISDN1006 ISDN2000 ISDN2400 ISDN2400 ISDN2602 ISDN4000L ISDN4000P ISDN4000J	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech Introduction to Integrative Systems and Design Human-centered Innovation What is Design and Why Design? Physical Prototyping Internet of Things: Integrative System Design Advanced Sketching Introduction to Brand Design Introduction to Eco-Design	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2100 IEDA2540 IEDA3180 IEDA3460 IEDA3560 IEDA4100 IEDA4130 IEDA4200 IEDA4500 IEDA4500 ISDN1001 ISDN1006 ISDN2000 ISDN2400 ISDN2400 ISDN2602 ISDN4000L ISDN4000P ISDN4000J ISDN4000J ISDN4000X (TBC)	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech Introduction to Integrative Systems and Design Human-centered Innovation What is Design and Why Design? Physical Prototyping Internet of Things: Integrative System Design Advanced Sketching Introduction to Brand Design Introduction to Brand Design Introduction to Eco-Design Applied Generative AI for Interdisciplinary Projects	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2100 IEDA2540 IEDA3180 IEDA3360 IEDA4360 IEDA4100 IEDA4130 IEDA4200 IEDA4331 IEDA4500 ISDN1001 ISDN1006 ISDN2000 ISDN2400 ISDN2602 ISDN4000L ISDN4000P ISDN4000J ISDN4000X (TBC) ISDN4000	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech Introduction to Integrative Systems and Design Human-centered Innovation What is Design and Why Design? Physical Prototyping Internet of Things: Integrative System Design Advanced Sketching Introduction to Brand Design Introduction to Brand Design Applied Generative AI for Interdisciplinary Projects Color and Form	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2100 IEDA2540 IEDA3180 IEDA3460 IEDA3560 IEDA4100 IEDA4130 IEDA4200 IEDA4500 IEDA4500 ISDN1001 ISDN1006 ISDN2000 ISDN2400 ISDN2400 ISDN2602 ISDN4000L ISDN4000P ISDN4000J ISDN4000J ISDN4000X (TBC)	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech Introduction to Integrative Systems and Design Human-centered Innovation What is Design and Why Design? Physical Prototyping Internet of Things: Integrative System Design Advanced Sketching Introduction to Brand Design Introduction to Brand Design Introduction to Eco-Design Applied Generative AI for Interdisciplinary Projects	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2100 IEDA2540 IEDA3180 IEDA3360 IEDA43560 IEDA4100 IEDA4130 IEDA4200 IEDA4331 IEDA4500 ISDN1001 ISDN1006 ISDN2000 ISDN2400 ISDN2602 ISDN4000L ISDN4000P ISDN4000J ISDN4000X (TBC) ISDN4000X (TBC)	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech Introduction to Integrative Systems and Design Human-centered Innovation What is Design and Why Design? Physical Prototyping Internet of Things: Integrative System Design Advanced Sketching Introduction to Brand Design Introduction to Brand Design Introduction to Eco-Design Applied Generative AI for Interdisciplinary Projects Color and Form 3D Animation	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2100 IEDA2540 IEDA3180 IEDA3460 IEDA3560 IEDA4100 IEDA4130 IEDA4200 IEDA4500 IEDA4500 ISDN1001 ISDN1006 ISDN2000 ISDN2400 ISDN2400 ISDN2602 ISDN4000L ISDN4000L ISDN4000F ISDN4000X (TBC) ISDN4000X (TBC) ISDN4000X (TBC)	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech Introduction to Integrative Systems and Design Human-centered Innovation What is Design and Why Design? Physical Prototyping Internet of Things: Integrative System Design Advanced Sketching Introduction to Brand Design Introduction to Brand Design Introduction to Eco-Design Applied Generative AI for Interdisciplinary Projects Color and Form 3D Animation	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2100 IEDA2540 IEDA3180 IEDA3360 IEDA3560 IEDA4100 IEDA4130 IEDA4200 IEDA4500 IEDA4500 ISDN1001 ISDN1006 ISDN2000 ISDN2400 ISDN2602 ISDN2602 ISDN4000L ISDN4000L ISDN4000F ISDN4000X (TBC) ISDN4000X (TBC) ISDN4000X (TBC)	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech Introduction to Integrative Systems and Design Human-centered Innovation What is Design and Why Design? Physical Prototyping Internet of Things: Integrative System Design Advanced Sketching Introduction to Brand Design Introduction to Brand Design Introduction to Eco-Design Applied Generative AI for Interdisciplinary Projects Color and Form 3D Animation Solid Mechanics I Fluid Mechanics	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2100 IEDA2540 IEDA3180 IEDA3360 IEDA3560 IEDA4100 IEDA4130 IEDA4200 IEDA4500 IEDA4500 ISDN1001 ISDN1006 ISDN2000 ISDN2400 ISDN2400 ISDN2602 ISDN4000L ISDN4000L ISDN4000V ISDN4000V ISDN4000X (TBC) ISDN4000X (TBC) ISDN4000X (TBC) ISDN40040 ISDN2040 ISDN4000X (TBC) ISDN4000X (TBC) ISDN4000X (TBC)	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech Introduction to Integrative Systems and Design Human-centered Innovation What is Design and Why Design? Physical Prototyping Internet of Things: Integrative System Design Advanced Sketching Introduction to Brand Design Introduction to Brand Design Introduction to Eco-Design Applied Generative AI for Interdisciplinary Projects Color and Form 3D Animation Solid Mechanics I Fluid Mechanics Engineering Materials I	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2100 IEDA2540 IEDA3180 IEDA3360 IEDA3560 IEDA4100 IEDA4130 IEDA4200 IEDA4331 IEDA4500 ISDN1001 ISDN1006 ISDN2000 ISDN2400 ISDN2602 ISDN2602 ISDN4000L ISDN4000P ISDN4000X (TBC) ISDN4000X (TBC) ISDN4000X (TBC) ISDN4000X (TBC) ISDN40040 MECH2010 MECH2010 MECH2010 MECH3620	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech Introduction to Integrative Systems and Design Human-centered Innovation What is Design and Why Design? Physical Prototyping Internet of Things: Integrative System Design Advanced Sketching Introduction to Brand Design Introduction to Brand Design Introduction to Eco-Design Applied Generative AI for Interdisciplinary Projects Color and Form 3D Animation Solid Mechanics I Fluid Mechanics Engineering Materials I Aircraft Design	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2100 IEDA2540 IEDA3180 IEDA3460 IEDA3560 IEDA4100 IEDA4130 IEDA4200 IEDA4331 IEDA4500 IEDA4500 ISDN1001 ISDN1006 ISDN2000 ISDN2000 ISDN2400 ISDN2400 ISDN4000L ISDN4000L ISDN4000V ISDN4000X ISDN400X ISDN40X ISDN4X IS	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech Introduction to Integrative Systems and Design Human-centered Innovation What is Design and Why Design? Physical Prototyping Internet of Things: Integrative System Design Advanced Sketching Introduction to Brand Design Introduction to Brand Design Applied Generative AI for Interdisciplinary Projects Color and Form 3D Animation Solid Mechanics I Fluid Mechanics Engineering Materials I Aircraft Design Electrical Technology	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2100 IEDA2540 IEDA3180 IEDA3360 IEDA3560 IEDA4100 IEDA4130 IEDA4200 IEDA4331 IEDA4500 ISDN1001 ISDN1006 ISDN2000 ISDN2400 ISDN2602 ISDN4000L ISDN4000L ISDN4000V ISDN4000V ISDN4000X (TBC) ISDN4000X (TBC) ISDN4000X (TBC) ISDN40040 ISDN210 ISDN4000X (TBC)	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech Introduction to Integrative Systems and Design Human-centered Innovation What is Design and Why Design? Physical Prototyping Internet of Things: Integrative System Design Advanced Sketching Introduction to Brand Design Introduction to Brand Design Applied Generative AI for Interdisciplinary Projects Color and Form 3D Animation Solid Mechanics I Fluid Mechanics Engineering Materials I Aircraft Design Electrical Technology Gas Turbines & Jet Propulsion	Not for pre-enrollment
IEDA2010 IEDA2100 IEDA2100 IEDA2540 IEDA3180 IEDA3460 IEDA3560 IEDA4100 IEDA4130 IEDA4200 IEDA4331 IEDA4500 IEDA4500 ISDN1001 ISDN1006 ISDN2000 ISDN2000 ISDN2400 ISDN2400 ISDN4000L ISDN4000L ISDN4000V ISDN4000X ISDN400X ISDN40X ISDN4X IS	Introduction of Industrial Engineering and Decision Analytics Computing in Industrial Applications (IEDA2100S) Statistics for Engineers Data Driven Portfolio Optimization Demand and Supply Analytics Predictive Analytics Integrated Production Systems System Simulation Design of Logistics and Manufacturing Systems Quantitative Methods in Financial Engineering Engineering Foundations of Fintech Introduction to Integrative Systems and Design Human-centered Innovation What is Design and Why Design? Physical Prototyping Internet of Things: Integrative System Design Advanced Sketching Introduction to Brand Design Introduction to Brand Design Applied Generative AI for Interdisciplinary Projects Color and Form 3D Animation Solid Mechanics I Fluid Mechanics Engineering Materials I Aircraft Design Electrical Technology	Not for pre-enrollment

MECH4350	Indoor Air Quality in Buildings	
MECH4710	Introduction to Robotics	
MECH4830	Introduction to Aerospace CFD	

Last updated: 08 Dec 2023