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International Credit Hours Engineering Programs

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Day	Time	Bylaw	Code	Course	No. of Students	Exam Halls
Saturday 4/1/2025	2:00 - 4:00	UG2018	CEP113	Surveying	20	HALL 3
		UG2023	CEP213	Surveying and Site Mobility	36	HALL 3
		UG2018	CEP353	Design of Water and Wastewater Networks	6	HALL 3
		UG2018	CES263	Soil Mechanics (1)	6	HALL 3
		UG2023	CES265	Soil Mechanics (1)	1	HALL 3
		UG2018	CES345	Steel Structures for Architectural Engineering	12	HALL 3
		UG2013	CES362	Planning & Scheduling	1	HALL 3
		UG2018	CES372	Construction Planning and Scheduling	8	HALL 3
		UG2018	CES467	Foundation Design (2)	17	260B
		UG2018	CES479	Planning and Scheduling of Repetitive Projects	8	260B
		UG2023	CSE142	Introduction to Software Engineering	17	HALL 3
		UG2018	CSE211	Introduction to Embedded Systems	203	HALL 2-4
		UG2013	CSE318	Microcontrollers	2	HALL 1
		UG2018	CSE334	Software Engineering	6	HALL 1
		UG2013	CSE436	Computer and Network Security	1	HALL 1
		UG2018	CSE451	Computer and Network Security	113	HALL 1
		UG2013	CSE491	Network Security	1	HALL 1
		UG2018	ECE412	Analog Integrated Circuit Design	2	HALL 4
		UG2018	ECE461	Selected Topics in Signals & Communication Sys.	14	HALL 4
		UG2018	EPM335	Fundamentals of Power System Analysis	42	HALL 4
		UG2018	EPM336	Electrical Distribution Systems Installations	6	HALL 4
		UG2013	MCT442	Biomedical Engineering	2	HALL 4



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Draft



Draft



International Credit Hours Engineering Programs

Draft

Day	Time	Bylaw	Code	Course	No. of Students	Exam Halls
Thursday 9/1/2025	2:00 - 4:00	UG2018	CES252	Concrete Technology (2)	11	HALL 1
		UG2018	CSE335	Operating Systems	125	HALL 1
		UG2018	ECE356	Electro-Acoustical Engineering	25	931A
		UG2018	ECE459	Mobile Communications	18	931A
		UG2013	ECE459	Wireless and Mobile Communications	1	931A
		UG2018	EPM463	Power System Protection	46	HALL 2
		UG2018	MCT232	Electronics for Instrumentation	7	HALL 2
		UG2013	MCT242	Electronic Instrumentation	1	HALL 2
		UG2018	MCT311	Hydraulics and Pneumatics Control	46	HALL 2
		UG2013	MCT351	Pneumatics and Hydraulics Control	1	HALL 2
		UG2018	MDP387	Metrology	1	HALL 3
		UG2018	MEP212	Heat Transfer	25	HALL 3
		UG2018	MEP311	Combustion	43	HALL 3
		UG2018	PHM013	Mathematics (2)	11	HALL 3
		UG2023	PHM112	Mathematics (2)	31	HALL 3
		UG2013	PHM113	Calculus for Engineering (3)	2	HALL 4
		UG2018	PHM131	Rigid Body Dynamics	5	HALL 4
		UG2018	PHM213	Complex, Special Functions and Fourier Analysis	8	HALL 4
		UG2023	PHM214	Complex Variables, Special Functions and Numerical Analysis	36	HALL 4
		UG2023	UPL211	Principles of Urban Design and Landscape	28	701A
		UG2018	UPL331	Planning and Urban Upgrading	27	500C
		UG2018	UPL333	Urban Infrastructure	1	500C
		UG2018	UPL341	Horticulture and Garden Design	9	500C
		UG2018	UPL435	Urban and Architectural Heritage	12	500C



Draft



International Credit Hours Engineering Programs

Draft

Day	Time	Bylaw	Code	Course	No. of Students	Exam Halls
Saturday 11/1/2025	2:00 - 4:00	UG2023	ARC261	Control of Thermal Environment	7	500C
		UG2018	ARC261	Control of Thermal Environment	22	500C
		UG2018	ARC462	Sustainable Building Rating Systems	12	500C
		UG2018	CEP213	Surveying (1)	7	500C
		UG2023	CEP214	Surveying (1)	1	500C
		UG2018	CEP312	Surveying (3)	6	500C
		UG2018	CSE112	Computer Organization and Architecture	12	390
		UG2018	CSE131	Computer Programming	15	390
		UG2023	CSE141	Introduction to Computer Programming	269	HALL 1-2
		UG2023	CSE221	Logic Design and Computer Organization	186	HALL 3-931A
		UG2018	CSE341	Internet Programming	7	911
		UG2013	CSE426	Software Maintenance and Evolution	2	911
		UG2013	CSE445	Multimedia Engineering	1	911
		UG2018	CSE482	Game Design and Development	9	911
		UG2018	CSE485	Deep Learning	36	911A
		UG2018	ECE111	Electronic Materials	1	914A
		UG2023	ECE221	Electronic Materials	38	914A
		UG2018	ECE315	Electronic Circuits (2)	29	HALL 4
		UG2018	ECE336	Integrated Optics and Optical MEMS	11	HALL 4
		UG2018	ECE460	Machine Learning for Multimedia	9	HALL 4
		UG2023	EPM112	Renewable Energy Resources	28	HALL 4
		UG2018	EPM113	Electrical Measurements	1	HALL 4
		UG2018	EPM117	Energy Resources and Renewable Energy	6	HALL 4
		UG2013	EPM172	Electrical Measurements and Measuring Instruments	1	HALL 4
		UG2018	EPM311	Fundamentals of Photovoltaic	45	HALL 4



International Credit Hours Engineering Programs

Draft

Day	Time	Bylaw	Code	Course	No. of Students	Exam Halls
Sunday 12/1/2025	10:00 - 12:00	UG2018	CEP332	Highway Geometric and Structural Design	3	255
		UG2018	CEP435	Road Construction	6	255
		UG2018	CES213	Structural Analysis	9	255
		UG2013	CES213	Structural Analysis (2)	1	255
		UG2023	CES214	Structural Analysis	1	255
		UG2018	CES226	Concrete Structures for Architectural Engineering	18	255
		UG2023	CSE281	Introduction to Artificial Intelligence	180	HALL 3-4
		UG2018	CSE378	Computer Graphics	17	HALL 4
		UG2013	CSE424	Aspect- and Service-Oriented Software Systems	1	HALL 4
		UG2018	CSE434	Aspect- and Service-Oriented Software Systems	6	HALL 4
		UG2018	CSE472	Artificial Intelligence	19	HALL 4
		UG2018	ECE318	Electronic Measurements and Instrumentation	15	HALL 2
		UG2013	ECE372	Electronic Measurements and Instrumentation	1	HALL 2
		UG2018	EPM115	Fundamentals of Electromagnetic Fields	6	HALL 1
		UG2018	EPM116	Electrical Circuits and Machines	9	HALL 1
		UG2023	EPM212	Electromagnetic Fields	17	HALL 1
		UG2013	EPM214	Electrical Power Engineering	1	HALL 1
		UG2023	EPM217	Fundamentals of Electrical Circuits	36	HALL 1
		UG2023	EPM218	Electrical Circuits and Power Machines	106	HALL 2
		UG2018	EPM251	Power Electronics for Energy Applications (1)	47	HALL 1
		UG2013	EPM353	Power Electronics (1)	1	HALL 2
		UG2018	EPM354	Power Electronics for Energy Applications (2)	11	HALL 2
		UG2013	EPM484	Electric Drives	1	HALL 2
		UG2013	MCT441	Smart Actuators and Sensors	2	911
		UG2023	MDP261	Crystalline Structures of Materials	1	911



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International Credit Hours Engineering Programs

Draft

Day	Time	Bylaw	Code	Course	No. of Students	Exam Halls
Wednesday 15/1/2025	10:00 - 12:00	UG2023	CES111	Fundamentals of Structural Mechanics (1)	46	500B
		UG2018	CES113	Structural Mechanics	1	500B
		UG2018	CES115	Structural Analysis for Architecture Engineering	7	500B
		UG2018	CES271	Project Management Essentials in Construction	1	500B
		UG2018	CES324	Concrete Structures Design (2)	7	260A
		UG2023	CES371	Project Management Essentials in Construction	1	260A
		UG2018	CES427	Concrete Structures Design (3)	39	260A
		UG2013	CES463	Project Management for Construction	1	911
		UG2013	CSE228	Advanced Computer Programming	2	911
		UG2018	CSE231	Advanced Computer Programming	6	911
		UG2018	CSE233	Agile Software Engineering	146	504
		UG2023	CSE241	Object-Oriented Computer Programming	186	505A-505B
		UG2013	CSE325	Agile Software Engineering	1	260B
		UG2013	CSE449	Bioinformatics	1	260B
		UG2018	CSE486	Bioinformatics	3	260B
		UG2018	ECE131	Electrostatics and Magnetostatics	9	260B
		UG2023	ECE241	Electrostatics and Magnetostatics	38	260B
		UG2018	ECE317	Modern VLSI Devices	32	HALL 3
		UG2018	ECE413	ASIC Design and Automation	23	HALL 3
		UG2023	EPM215	Electrical Circuits	18	HALL 2
		UG2018	EPM221	Electrical Machines (1)	31	HALL 2
		UG2013	EPM282	Power Electronics and Drives	5	HALL 2
		UG2018	EPM334	Economics of Generation, Transmission & Operation	48	HALL 2
		UG2018	EPM353	Power Electronics and Motor Drives	17	HALL 2
		UG2018	MCT313	Automation	22	HALL 1



Draft



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International Credit Hours Engineering Programs

Draft

Day	Time	Bylaw	Code	Course	No. of Students	Exam Halls
Thursday 16/1/2025	2:00 - 4:00	UG2023	ARC141	Architectural Representation	37	505A
		UG2018	ARC141	Architectural Representation	3	505A
		UG2018	ARC213	Environmental Architecture Design Studio (1)	16	505A
		UG2018	ARC252	Building (3): Mass Housing Production Techniques and Finishing	1	505A
		UG2023	ARC262	Principles of Sustainable Architecture	19	505A
		UG2018	ARC262	Principles of Sustainable Architecture	1	505A
		UG2018	ARC351	Working Design (1): Execution Drawings Coordination, Annotation	39	505A
		UG2018	ARC352	Working Design (2): Blow-Ups Detailing, Items Specifications and	12	505A
		UG2018	ARC371	Architecture Project Management	50	500B
		UG2013	ARC455	Projects Management	2	500B
		UG2007	ARC455	Projects Management	1	500B
		UG2018	CEH113	Fluid Mechanics for Civil Engineers	5	260A
		UG2018	CEI212	Hydraulics	3	260A
		UG2018	CEI463	Environmental Impact Assessment in water Engineering Projects	15	260A
		UG2023	CEP252	Green Building Systems and Infrastructure	6	260A
		UG2018	CEP434	Road Maintenance	6	260A
		UG2018	CEP455	Principles of Water and Wastewater Treatment	12	260A
		UG2013	CES121	Building Engineering Systems	1	260B
		UG2018	CES225	Concrete & Steel Structures for Arch. Engineering	18	260B
		UG2018	CES315	Introduction to Structural Dynamics	2	260B
		UG2013	CES418	Structural Dynamics	2	260B
		UG2018	CES445	Steel Structures Design (3)	3	260B
		UG2018	CES475	Risk and Safety Management	3	260B
		UG2018	CSE111	Logic Design	96	HALL 2
		UG2013	CSE115	Digital Design	2	HALL 2
		UG2013	CSE221	Object-Oriented Analysis and Design	1	HALL 2
		UG2018	CSE232	Advanced Software Engineering	129	HALL 1
		UG2013	CSE347	Embedded System Design	2	HALL 1
		UG2018	CSE357	Networks Operation and Management	9	HALL 2
		UG2018	CSE411	Real-Time and Embedded Systems Design	5	HALL 1



International Credit Hours Engineering Programs

Draft

Day	Time	Bylaw	Code	Course	No. of Students	Exam Halls
Saturday 18/1/2025	10:00 - 12:00	UG2013	ECE141	Electrical and Electronic Circuits	2	244
		UG2018	EPM118	Electrical and Electronic Circuits	12	244
		UG2018	EPM454	Renewable Energy Resources Interfacing	8	244
		UG2018	MCT441	Rehabilitation Robots	14	244
		UG2018	MCT443	Design of Autonomous systems	18	244
		UG2018	MDP331	Maintenance Planning and Scheduling	2	244
		UG2018	MDP460	Non-destructive Testing of Materials (1)	6	244
		UG2018	MEP111	Thermal Physics	1	HALL C
		UG2018	MEP211	Thermodynamics	11	HALL C
		UG2023	MEP213	Thermal and Fluid Physics	108	HALL C
		UG2023	MEP214	Basics of Thermal Fluid Physics	1	HALL C
		UG2023	MEP215	Basics of Thermal Physics	20	HALL C
		UG2013	MEP491	Individual Studies in Mechanical Engineering	2	HALL C
		UG2018	PHM012	Mathematics (1)	3	HALL 4
		UG2013	PHM014	Linear Algebra and Analytical Geometry	2	HALL 4
		UG2023	PHM111	Mathematics (1)	464	HALL 1-2-3-4
		UG2018	PHM114	Numerical Analysis	4	HALL 4
		UG2018	UPL211	Context and Place Design Studio	19	504
		UG2018	UPL241	Principles of Residential Urban Spaces and Landscape	4	504
		UG2023	UPL243	Principles of Residential Urban Spaces and Landscape	13	504
		UG2013	UPL256	GIS Applications	1	504
		UG2023	UPL311	Context and Place Design Studio	20	504
		UG2018	UPL311	Urban and Landscape Design Studio	10	504
		UG2018	UPL312	In Situ Development Design Studio	27	504
		UG2018	UPL332	Sustainable Urban Development	14	504
		UG2018	UPL422	Smart Cities and Intelligent Residential Buildings	26	504
		UG2013	UPL459	Sustainability in Landscape Architecture	1	504
		UG2007	UPL459	Sustainability in Landscape Architecture	1	504



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International Credit Hours Engineering Programs

Draft

Day	Time	Bylaw	Code	Course	No. of Students	Exam Halls
Monday 20/1/2025	2:00 - 4:00	UG2018	CES151	Structures and Properties of Construction Materials	3	260A
		UG2018	CES152	Properties and Testing of Materials	2	260A
		UG2023	CES251	Structures and Properties of Construction Materials	8	260A
		UG2018	CES430	Construction Methods and Techniques	11	260A
		UG2023	CES475	Computer Applications in Construction Management	1	260A
		UG2018	CES477	Computer Applications in Construction Management	15	260A
		UG2013	CSE127	Data Structures and Algorithms	1	HALL 1
		UG2018	CSE331	Data Structures and Algorithms	126	HALL 1
		UG2018	CSE332	Design and Analysis of Algorithms	12	HALL 2
		UG2013	CSE367	Digital Image Processing	1	HALL 2
		UG2018	CSE382	Data Mining and Business Intelligence	56	HALL 2
		UG2013	CSE385	Data Mining and Business Intelligence	1	HALL 2
		UG2013	CSE438	Cloud Computing	2	HALL 2
		UG2018	CSE456	Cloud Computing	25	HALL 2
		UG2018	CSE473	Computational Intelligence	100	HALL 3
		UG2018	ECE354	Digital Communications	37	HALL 4
		UG2018	ECE452	Information Theory and Coding	39	HALL 4
		UG2018	EPM232	Automatic Control Systems	27	HALL 4
		UG2018	MCT211	Automatic Control	15	244
		UG2018	MCT231	Engineering Measurements	61	244
		UG2018	MDP351	Industrial Furnaces and Heat Treatment	4	701A
		UG2018	MEP426	Solar Energy	12	701A
		UG2013	UPL356	Horticulture and Garden Design (2)	3	701A



Draft



Draft



International Credit Hours Engineering Programs

Draft

Day	Time	Bylaw	Code	Course	No. of Students	Exam Halls
Thursday 23/1/2025	10:00 - 12:00	UG2018	CEI461	Geographic Information Systems in water Engineering	28	260A
		UG2013	CES466	Legal Issues in Construction	3	260A
		UG2018	CES476	Legal Issues in Construction	6	260A
		UG2018	CSE312	Electronic Design Automation	123	HALL D
		UG2018	CSE342	Program Analysis	40	504
		UG2018	CSE455	High-Performance Computing	8	504
		UG2013	ECE252	Signals and Systems	1	504
		UG2018	ECE253	Signals and Systems	53	504
		UG2018	ECE334	Optical Fiber Communications	40	504
		UG2018	EPM114	Fundamentals of Electrical Circuits	12	505A
		UG2023	EPM251	Industrial Electronics	19	505A
		UG2018	EPM413	Energy Management Essentials	12	505A
		UG2018	MCT131	Introduction to Mechatronics	71	505A
		UG2013	MCT151	Introduction to Mechatronics	2	505A
		UG2018	MCT344	Industrial Robotics	19	505A
		UG2013	MCT455	Industrial Robotics	1	505A
		UG2018	MDP233	Work Study and Plant Layout	1	500B
		UG2018	MDP281	Metal Cutting Theory and Technologies	1	500B
		UG2023	MDP282	Machining Technologies and Machines	1	500B
		UG2018	MDP457	Extractive Metallurgy	6	500B
		UG2013	MDP483	Work Study	1	500B
		UG2018	MEA441	Engine Management Systems	1	500B
		UG2018	MEP241	Technical Installations	23	500B
		UG2018	MEP322	Compressible Flow Machines	7	500B
		UG2013	MEP365	Thermal Power Plants	1	500B
		UG2018	PHM031	Statics	2	HALL 4
		UG2023	PHM123	Introduction to Physical Electronics	20	HALL 4
		UG2023	PHM131	Statics	425	HALL 1-2-3-4
		UG2018	PHM241	Electrochemistry	4	505B
		UG2023	PHM241	Electrochemistry	1	505B
		UG2013	UPL242	Introduction to Urban Design	2	505B
		UG2007	UPL242	Introduction to Urban Design	1	505B



International Credit Hours Engineering Programs

Draft

Day	Time	Bylaw	Code	Course	No. of Students	Exam Halls
Thursday 23/1/2025	2:00 - 4:00	UG2018	ARC113	Vernacular Architecture Design Studio	2	504
		UG2013	ARC114	Building Engineering Drawing	1	504
		UG2023	ARC131	History of Arts and Architecture	37	504
		UG2018	ARC131	History of Arts and Architecture (1): Ancient Civilizations	2	504
		UG2018	ARC133	Introduction to History and Theory of Arts and Architecture	4	504
		UG2023	ARC143	Building Engineering Drawing	6	504
		UG2018	ARC143	Building Engineering Drawing	1	504
		UG2018	ARC212	Multi Story Accommodation Building Design Studio	5	504
		UG2023	ARC214	Vernacular Architecture Design Studio	8	504
		UG2023	ARC216	Multi Story Accommodation Building Design Studio	12	504
		UG2023	ARC253	Landscape Construction	20	504
		UG2018	ARC254	Building (3): Landscape Construction	18	504
		UG2018	ARC312	Sustainable Architecture Design Studio (1)	13	500C
		UG2013	ARC356	Profession Practice	2	500C
		UG2018	ARC368	Soundscape and Aural Architecture	28	500C
		UG2018	CEI311	Infrastructure Planning and Landscape Irrigation	9	255
		UG2018	CEI333	Design of Irrigation Structures	2	255
		UG2018	CEI441	Port Engineering and navigation	16	255
		UG2018	CEP011	Projection and Engineering Graphics	16	255
		UG2023	CEP111	Projection and Engineering Graphics	1	255
		UG2018	CEP214	Surveying (2)	1	257
		UG2013	CES117	Structure Analysis	1	257
		UG2023	CES253	Properties and Testing of Materials	1	257
		UG2018	CES421	Design of Prestressed Concrete and Bridges	3	257
		UG2013	CES464	Resources Management	2	257
		UG2018	CES474	Resources Management	16	257
		UG2023	CES483	Resources Management	1	257
		UG2013	CSE012	Engineering Computation	1	HALL 3
		UG2023	CSE121	Introduction to Logic Design	361	HALL 1-2-3
		UG2013	CSE212	Computer Architecture	2	HALL 3
		UG2018	CSE212	Computer Organization	19	HALL 3
		UG2018	CSE489	Selected Topics in Data Science	2	HALL 3