

Fall 2024 Course Offerings

Course	Number	CRN	Course Title	Day(s)	Time	Professor	Zucker	Main Campus	Notes
CPSC	6030	86751	Data Visualization	T/R	8:00-9:15am	Federico Iuricich			
CPSC	6040	87453	Computer Graphics Images	T/R	3:30-4:45pm	Jerry A. Tessendorf			
CPSC	6050	87452	Computer Graphics	T/R	9:30-10:45am	Daljit Singh Dhillon			
CPSC	6110	88855	Virtual Reality Systems	M/W	2:30-3:45pm	Sabarish Venkat Babu			
CPSC	6140	91174	Human and Computer Interaction	M/W	4:00-5:15pm	Bart Knijnenburg			
CPSC	6160	88850	2-D Game Engine Construction	T/R	5:00-6:15pm	Matias Volonte			
CPSC	6180	88229	Usable Privacy and Security	T/R	5:00-6:15pm	TBD			
CPSC	6200	89699	Computer Security Principles	M/W	2:30-3:45pm	Long Cheng			
CPSC	6240	89700	System Administration and Security	T/R	8:00-9:15am	Svetlana V Drachova			
CPSC	6300	87456	Applied Data Science	T/R	12:30-1:45pm	Nina Hubig			
CPSC	6420	87521	Artificial Intelligence	M/W	2:30-3:45pm	Abolfazl Razi			
CPSC	6430	89136	Machine Learning: Implementation and Evaluation	T/R	2:00-3:15pm	Nianyi Li			
CPSC	6440	90328	Cloud Computing Architecture	M/W	4:00-5:15pm	Mitch Shue			
CPSC	6620	91185	Database Management Systems	T/R	5:30-6:45pm	Connie Taylor			
CPSC	6780	91191	General Purpose Computation on Graphical Processing Units	T/R	9:30-10:45am	Shuangshuang Jin			
CPSC	6820	89701	Special Topics: Game Design	T/R	12:30-1:45pm	Guo Freeman			
CPSC	6820	91519	Special Topics: Computer Architecture	M/W	2:30-3:45pm	Rong Ge			
CPSC	8050	89702	Advanced Computer Graphics	T/R	3:30-4:45pm	Daljit Singh Dhillon			
CPSC	8200	91374	Parallel Architecture	M/W	4:00-5:15pm	Rong Ge			
CPSC	8420	88713	Advanced Machine Learning	T/R	11:00-12:15pm	Kai Liu			
CPSC	8430	91369	Deep Learning	T/R	9:30-10:45am	Feng Luo			
CPSC	8580	89936	Security in Emerging Computing and Networking Systems	T/R	5:00-6:15pm	Mert Pese			
CPSC	8700	91521	Software Design	T/R	11:00-12:15pm	Svetlana Drachova			
CPSC	8810	88849	Deep Learning Comp Vision	T	5:00-7:45pm	Nianyi Li			
CPSC	8810	90070	Optimization of ML	T/R	2:00-3:15pm	Kai Liu			
CPSC	8810	90074	Machine Learning-based Image	T/R	3:30-4:45pm	Siyu Huang			
CPSC	8810	88726	AI-Receptive Software Development	T/R	8:00-9:15am	Paige Rodeghero			

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CPSC	8830	91722	Malware Reverse Engineering	T/R	5:00-6:15pm	Lu Yu			
CPSC	8880	85258	Directed Projects in Computer Science	N/A	N/A	Nina Hubig			
CPSC	8880	82904	Directed Projects in Computer Science	N/A	N/A	Shuangshuang Jin			
CPSC	8880	86130	Directed Projects in Computer Science	N/A	N/A	Eric Patterson			
CPSC	8880	86824	Directed Projects in Computer Science	N/A	N/A	Paige Rodeghero			
CPSC	8880	90272	Directed Projects in Computer Science	N/A	N/A	Feng Luo			
CPSC	8880	91666	Directed Projects in Computer Science	N/A	N/A	Christopher Flathmann			
CPSC	8880	91666	Directed Projects in Computer Science	N/A	N/A	Mert Pese			
CPSC	8910	85259	Master's Thesis Research	N/A	N/A	Nina Hubig			
CPSC	8910	85260	Master's Thesis Research	N/A	N/A	Shuangshuang Jin			
CPSC	8910	86132	Master's Thesis Research	N/A	N/A	Eric Patterson			
CPSC	8910	86825	Master's Thesis Research	N/A	N/A	Paige Rodeghero			
CPSC	8910	90124	Master's Thesis Research	N/A	N/A	Feng Luo			
CPSC	9500	85079	New PhD Student Seminar	W	1:25-2:15pm	TBD			
CPSC	9910	84889	Doctoral Dissertation Research	N/A	N/A	Christopher Flathmann			
CPSC	9910	85261	Doctoral Dissertation Research	N/A	N/A	Shuangshuang Jin			
CPSC	9910	86129	Doctoral Dissertation Research	N/A	N/A	Eric Patterson			
CPSC	9910	86826	Doctoral Dissertation Research	N/A	N/A	Paige Rodeghero			
CPSC	9910	90171	Doctoral Dissertation Research	N/A	N/A	Nina Hubig			
DPA	6000	84572	Technical Foundations of Digital Production I	T/R	9:30-10:45am	Nianyi Li			
DPA	6020	87464	Visual Foundations of Digital Production I	M/W	4:25-7:10pm	Anthony Summey			
DPA	6820	88258	Character Effects (CFX)	M/W/F	10:10-11:00am	Rodney Florencio Da Costa			
DPA	6830	88421	Special Topics: Concept Art Development	M/W	1:25-4:10pm	Anthony Summey			
DPA	6830	91561	Special Topics: 2D Rigging	T/R	5:00-7:45pm	Anthony Summey			
DPA	6830	88272	Special Topics: Digital Cinematography	T/R	11:00am-1:45pm	Eric Patterson			
DPA	8070	85026	3D Modeling and Animation	M/W/F	11:15am-12:05pm	Rodney Florencio Da Costa			
DPA	8600	85071	Digital Production Studio	T/R	2:00-3:15pm	Jerry Tessendorf			
DPA	8800	82943	Graduate Research Studio	N/A	N/A	David Donar			

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DPA	8800	88649	Graduate Research Studio	N/A	N/A	Eric Patterson			
DPA	8800	82947	Graduate Research Studio	N/A	N/A	Anthony Summey			
DPA	8800	88651	Graduate Research Studio	N/A	N/A	Rodney Florencio Da Costa			
DPA	8810	90858	Environment and Asset Design for Virtual Production	M/W	12:20-1:35pm	Rodney Florencio Da Costa			
DPA	8910	82946	Master of Fine Arts Thesis Research	M/W	N/A	David Donar			
DPA	8910	88650	Master of Fine Arts Thesis Research	N/A	N/A	Eric Patterson			
DPA	8910	82945	Master of Fine Arts Thesis Research	N/A	N/A	Anthony Summey			
DPA	8910	88652	Master of Fine Arts Thesis Research	N/A	N/A	Jerry Tessendorf			
ECE	6180	85030	Power System Analysis	T/R	9:30-10:45am	Sukumar Brahma			
ECE	6420	88824	Knowledge Engineering	T/R	11:00am-12:15pm	Yongkai Wu			
ECE	6490	84697	Computer Network Security	T	5:00-5:50pm	Richard Brooks			
ECE	6491	84700	Computer Network Security Laboratory	N/A	N/A	Richard Brooks			
ECE	6590	88807	Integrated Circuit Design	M/W/F	9:05-9:55am	TBD			
ECE	6591	88808	Integrated Circuit Design Laboratory	N/A	N/A	TBD			
ECE	6610	85482	Fundamentals of Solar Energy	T/R	3:30-4:45pm	Rajendra Singh			
ECE	6670	85859	Introduction to Digital Signal Processing	T/R	8:00-9:15am	Yongqiang Wang			
ECE	6710	86686	Electrification of Transportation	T/R	11:00am-12:15pm	Rajendra Singh			
ECE	7010	85990	Master of Engineering Design Project	T/R	N/A	Johan Enslin			
ECE	8010	85467	Analysis of Linear Systems	M/W/F	1:25-2:15pm	Richard E Groff			
ECE	8640	87573	MicroGrids in Virtual Power Plants	W	2:30-5:00pm	TBD			
ECE	8830	91719	Malware Reverse Engineering	T/R	5:00-6:15pm	Yu			
ECE	8910	85212	Master's Thesis Research	N/A	N/A	Johan Enslin			
ECE	8910	85505	Master's Thesis Research	N/A	N/A	Ramtin Hadidi			
ECE	9910	85241	Doctoral Dissertation Research	N/A	N/A	Johan Enslin			
ECE	9910	90130	Doctoral Dissertation Research	N/A	N/A	Christopher Edrington			
ECE	9910	85616	Doctoral Dissertation Research	N/A	N/A	Ramtin Hadidi			
ECE	9910	90505	Doctoral Dissertation Research	N/A	N/A	Rajendra Singh			
HCC	6510	90273	Inclusive Design and Accessible Technology	T/R	11:00-12:15pm	Julian Brinkley			

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HCC	8310	88880	Fundamentals of Human-Centered Computing	T/R	9:30-10:45am	Brygg Ullmer			
HCC	8330	89951	Research Methods for Human-Centered Computing	T/R	2:00-3:15pm	Guo Freeman			
HCC	8880	91669	Directed Projects in Human-Centered Computing	N/A	N/A	Christopher Flathmann			
HCC	9910	91657	Doctoral Dissertation Research	N/A	N/A	Christopher Flathmann			
ME	6320	91622	Advanced Strength of Materials	M/W/F	11:15-12:05pm	Oliver Myers			
ME	8180	91622	Introduction to Finite Element Analysis	T/R	2:00-3:15pm	Gang Li			
ME	8780	91822	Inelastic Material Modeling	T/R	9:30-10:45am	Chen			
ME	8710	87809	Engineering Optimization	M/W	5:45-7:00pm	TBD			
ME	9910	90115	Doctoral Dissertation Research	N/A	N/A	TBD			
ME	9910	88842	Doctoral Dissertation Research	N/A	N/A	TBD			
ME	9910	90069	Doctoral Dissertation Research	N/A	N/A	TBD			
ME	9910	90265	Doctoral Dissertation Research	N/A	N/A	TBD			