

# Mechanical Engineering Courses

## Spring 2025 (2254)

Catalog #	Class #	Title	Rm	Day	Time	Instructor
ME 2002	12405	Linear and Complex Analysis	316 OEH	M	4:00-6:25	Galdi
ME 2011	27511	Fundamentals of Micro and Nanomanufacturing	1047 BEH	M	10:25-12:55	Chun
ME 2020	12406	Mechanical Vibrations	309 BEH	W	4:00-6:30	Givi
ME 2027	26436	Advanced Dynamics	G24 BEH	M/W	9:00-10:15	Miller
ME 2033	16665	Fracture Mechanics for Product Design and Mfg	226 BEH	W	4:00-6:25	Liu, Q
ME 2046	31022	Digital Control Systems	G27 BEH	R	4:00-6:25	Bajaj
ME 2060	31025	Numerical Methods	318 BEH	W	10:00-12:30	Senocak
ME 2061	30159	Reduced Order Modeling	G37 BEH	R	4:30-7:00	Babaee
ME 2067	16245	Musculoskeletal Biomechanic	158 BEH	T/R	9:30-10:45	Debski
ME 2074	12480	Advanced Fluid Mechanics 1	G28 BEH	W	4:00-6:25	Cho
ME 2088	31008	Advanced Manufacturing Metrology and Process Control	113 SRCC	R	4:00-6:25	Zhao
ME 2150	31047	High-Assurance Cyber-Physical Systems	227 BEH	T/R	1:00-2:15	Cole
ME 2254	31007	Convection Heat Transfer	227 BEH	R	3:00-5:30	Ban
ME 2256	32267	Applied Computational Heat&Mass Trnsfr (ME 2060 Rec)	318 BEH	R	5:30-8:00	Barry
ME 2500	30094	Profesional Engineering Practice (1 cr)	WEB	F	12:00-12:50	Schmidt
ME 2502	30095	Profesional Engineering Development Topics 2 (1 cr)	WEB	T	12:00-12:50	Schmidt
ME 2811	21793	Innovating for Public Impact	5505 SS	M	4:00-6:30	Clark/ Zenir
ME 3008	16561	Finite Elasticity of Soft Tissues	204 Cath	T	4:00-6:25	Abramowitch/ Maiti
ME 3023	30143	Composites	330 Cath	R	6:00-8:30	Wosu
ME 3079	TBD	Turbulence	227 BEH	M	1:30-3:55	Givi

*All full time graduate students should be enrolled in Graduate Seminar. Please discuss any conflicts with GA.*

ME 2085	12325	MEMS Graduate Seminar	TBD	T/R	11:00-12:00	Lee, S /Bedwey, M
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*Thesis & Dissertation Courses: Use the class # that corresponds to your advisor (changes each term)*

ME 2999*	TBD	M.S. Thesis	n/a	n/a	n/a	Advisor
ME 3997	TBD	Research, PHD	n/a	n/a	n/a	Advisor
ME 3999*	TBD	PHD Dissertation	n/a	n/a	n/a	Advisor
FTDH*	12332	Full Time Dissertation Study	n/a	n/a	n/a	Advisor

*\* Need instructor permission and a permission number from GA before enrolling*

### Timeline :

11/09/24	Open Enrollment Begins
11/25/24	MEMS Enrollment Deadline
11/25/24	All Funded Student Scholarships will be posted
12/13/24	PCHE Submission Deadline
01/08/25	Spring Classes Begin
01/21/25	Spring Late Add/Drop Deadline

(Last updated 10/30/2024)

# Materials Science & Engineering Courses

## Spring 2025 (2254)

Catalog #	Class #	Title	Rm	Day	Time	Instructor
MSE 2013	14005	Kinetics in Materials Science	113 SRCC	M	4:00-6:25	Gleeson
MSE 2015	16254	Electromagnetic Properties of Materials	327 Cath	W	4:00-6:25	Lee, JK
MSE 2030	12631	Mechanical Behavior of Materials	209 LaH	T	4:00-6:25	Harris
MSE 2032	22321	Fracture Mechanics for Product Design and Mfg	226 BEH	W	4:00-6:25	Liu, Q
MSE 2047	28898	Analysis and Characterization at the Nanoscale	205 LaH	M/W	11:00-12:15	Chmielus
MSE 2064	29984	Nanomaterials and Biomolecular Assembly	227 BEH	T/R	6:00-7:30	Bedewy
MSE 2065	29495	Materials Design	226 BEH	T	4:00-6:25	Xiong, W
MSE 2073	31042	Ceramic Materials	132 Chev	R	4:00-6:25	Lee, JK
MSE 2105	30193	Steelmaking and Sustainability	158 BEH	M	5:30-8:00	Piccone
MSE 2120	29497	Introduction to Additive Manufacturing of Materials	G28 BEH	M	4:00-6:30	Chmielus
MSE 2123	32034	Power Magnetic Materials and Devices	524 Tha	T	4:00-6:30	Ohodnicki

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ME 2085	12325	MEMS Graduate Seminar	TBD	T/R	11:00-12:00	Bedewy /Lee, S
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*Thesis & Dissertation Courses: Use the class # that corresponds to your advisor (changes each term)*

MSE 2999*	TBD	M.S. Thesis	n/a	n/a	n/a	Advisor
MSE 3997	TBD	Research, PHD	n/a	n/a	n/a	Advisor
MSE 3999*	TBD	PHD Dissertation	n/a	n/a	n/a	Advisor
FTDH*	12332	Full Time Dissertation Study	n/a	n/a	n/a	Advisor

*\* Need instructor permission and a permission number from GA before enrolling*

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(Last updated 10/30/2024)

# Nuclear Engineering Courses

## Spring 2025 (2254)

Catalog #	Class #	Title	Rm	Day	Time	Instructor
NUCE 2102	21530	Nuclear Plant Dynamics & Control	312 BEH	W	6:00-8:30	Helling/Locke
NUCE 2102	21528	Nuclear Plant Dynamics & Control	WEB	W	6:00-8:30	Helling/Locke
NUCE 2104	20600	Nuclear Operations & Safety	312 BEH	R	6:00-8:30	Teolis
NUCE 2104	20601	Nuclear Operations & Safety	WEB	R	6:00-8:30	Teolis
NUCE 2113	<i>TBD</i>	Radiation Detection and Measurement	158 BEH	T	6:00-8:30	<i>TBD</i>
NUCE 2113	<i>TBD</i>	Radiation Detection and Measurement	WEB	T	6:00-8:30	<i>TBD</i>

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