



MAE 607	Continuum Mechanics	Elmustafa	MW 3:00pm-4:15pm
MAE 640	Modern Control Theory	Alberts	MW 1:30pm-2:45pm
MAE 672	Design and Analysis of Experiments	Landman	TR 4:20pm - 5:35pm
MAE 740/840	Autonomous and Robotic Systems Analysis and Control	Kaipa	TR 1:30pm-2:45pm
MAE 744/844	Atmospheric Flight Dynamics and Control	Newman	TR 1:30pm-2:45pm
MAE 752/852	Mechanical Behavior of Materials	Ghosh	TR 3:00pm-4:15pm
MAE 753/853	Composite Materials	Kravchenko	TR 11:00am-12:15pm
CHEM 795/895 or MAE795	Topics: Physics & Chemistry of Planetary Atmospheres	Bernath	MW 9:30am-10:45am
<b>UNIVERSITY OF MARYLAND</b>			
<b>Aerospace Engineering (MS and PhD)</b>			
ENAE 631	Helicopter Aerodynamics I	Chopra	TR 9:30am-10:45am
ENAE 636	Helicopter Dynamics II	Datta	MW 9:30am-10:45am
ENAE 684	Computational Fluid Dynamics I	Baeder	TR 11:00am-12:15pm
ENAE 788B	Selected Topics in Aerospace Engineering: Aircraft Systems Identification - <i>Course Cancelled as of 8/8/22</i>	Morelli	MW 11:00am-12:15pm
ENAE 788C	Selected Topics in Aerospace Engineering: Aircraft Flight Testing	Tritschler	TR 5:00pm-6:15pm
<i>Above are synchronous (live) course received on student's desktop or laptop</i>			
<b>UNIVERSITY OF VIRGINIA</b>			
<b>Civil Engineering</b>			
CE 5020 (Section 600, Class Number (16988))	Intro to Geographic Information Systems	Miller	Asynchronous
CE 5340 (Section 600, Class Number (16990))	Advanced Topics in Structural Engineering	Gomez	Asynchronous
CE 5400 (Section 600, Class Number (16991))	Traffic Operation	Park	Asynchronous
CE 6030 (Section 600, Class Number (18992))	Green Engineering and Sustainability	Peterson	Asynchronous
CE 6035 (Section 600, Class Number (17053))	Leadership and Negotiation	Lownsbury	Asynchronous
CE 6470 (Section 600, Class Number (16992))	Transport Economics and Finance	Chen	Asynchronous
CE 6500 (Section 600, Class Number (18995))	Special Topics: Land Development Engineering	Pennetti	Asynchronous
CE 6500 (Section 601, Class Number (20117))	Special Topics: Adv Reinforced Concrete Design	Gomez	Asynchronous
CE 6710 (Section 600, Class Number (16993))	Advanced Mechanics of Materials	Pindera	Asynchronous
CE 6775 (Section 600, Class Number (18997))	Theory of Structural Stability	Gomez	Asynchronous
<b>Chemical Engineering</b>			
CHE 6450 (Section 600, Class Number (17051))	Energy Science and Technologies	Epling	Asynchronous
CHE 6615 (Section 600, Class Number (17048))	Advanced Thermodynamics	Choi	Asynchronous
<b>Electrical and Computer Engineering (MS and Ph.D.)</b>			
ECE 6163 (Section 600, Class Number (17052))	Solid State Devices	Ghosh	Asynchronous
ECE 6501 (Section 600, Class Number (17055))	Topics in Electrical and Computer Engineering: Machine Learning in Image Analysis	Zhang	Asynchronous
ECE 6501 (Section 600, Class Number (17057))	Topics in Electrical and Computer Engineering: Semiconductor Devices: Design and Characterization	Shukla	Asynchronous
ECE 6501 (Section 600, Class Number (17058))	Topics in Electrical and Computer Engineering: Convex Optimization for Engineering Data	Li	Asynchronous
ECE 6501 (Section 600, Class Number (17059))	Topics in Electrical and Computer Engineering: Geometry of Data	Fletcher	Asynchronous
ECE 6501 (Section 600, Class Number (18965))	Topics in Electrical and Computer Engineering: Low Power Wireless Transceivers for IoT	Bowers	Asynchronous
ECE 6501 (Section 605, Class Number (18967))	Topics in Electrical and Computer Engineering: Dielectrics, Electronic Oxides, and Devices	Ihlefelf	Asynchronous
ECE 6502 (Section 600, Class Number (17061))	Special Topics in Electrical and Computer Engineering: Statistical Learning and Graphical Models	Hassanzadeh	Asynchronous
ECE 6502 (Section 601, Class Number (17062))	Special Topics in Electrical and Computer Engineering: Advanced Thin-Film Optoelectronics	Lee	Asynchronous
ECE 6502 (Section 602, Class Number (18968))	Special Topics in Electrical and Computer Engineering: Electrons and Phonons I	Zebajadi	Asynchronous
ECE 6642 (Section 600, Class Number (19046))	Optoelectronic Devices	Campbell	Asynchronous
ECE 6851 (Section 600, Class Number (17016))	Linear Automatic Control Systems	Tao	Asynchronous
ECE 6852 (Section 600, Class Number (17015))	Linear State Space Control Systems	Tao	Asynchronous
<b>Materials Sciences and Engineering (MS and Ph.D.)</b>			
MSE 6010 (Section 600, Class Number (16997))	Electronic and Crystal Structure of Materials	Reinke	Asynchronous
MSE 6120 (Section 600, Class Number (18908))	Characterization of Materials	Fitz-Gerald	Asynchronous
MSE 6230 (Section 600, Class Number (16998))	Thermodynamics and Phase Equilibria of Materials	Zhou	Asynchronous
MSE 6592 (Section 600, Class Number (18910))	Topics in Material Science: Dielectrics, Electronic Oxides, and Devices	Ihlefelf	Asynchronous
MSE 6592 (Section 601, Class Number (17000))	Topics in Material Science: Adv Thin-Film Optoelectronics	Lee	Asynchronous
MSE 6592 (Section 602, Class Number (17001))	Topics in Material Science: Semiconductor Devices: Design and Characterization	Shukla	Asynchronous
MSE 6592 (Section 603, Class Number (17002))	Topics in Material Science: Intro to the Materials Science of Polymers	Cai	Asynchronous
<b>Mechanical and Aerospace Engineering (MS and PhD)</b>			
MAE 6610 (Section 600, Class Number (17072))	Linear Automatic Control Systems	Tao	Asynchronous
MAE 6620 (Section 600, Class Number (16996))	Linear State Space Systems	Tao	Asynchronous
<b>Systems Engineering (MS and Ph.D.)</b>			
SYS 6001 (Section 600, Class Number (17069))	Intro to Systems Analysis and Design	Scherer	Asynchronous
SYS 6003 (Section 600, Class Number (17006))	Optimization Models and Methods	Riggs	Asynchronous
SYS 6005 (Section 600, Class Number (17007))	Stochastics Modeling I	Iqbal	Asynchronous
SYS 6581 (Section 600, Class Number (19005))	Selected Topics in Systems Engineering: Human Factors in Safety	Bolton	Asynchronous
<i>*Synchronous (live) course received on student desktop or laptop</i>			
<b>VIRGINIA TECH</b>			
<b>Aerospace and Ocean Engineering (MS and P.D)</b>			
AOE 5074	Advanced Ship Structural Analysis	Gilbert	Asynchronous
AOE 5104	Adv Aero Hydrody	Massa	Asynchronous
AOE 5124	Aero and Hydroacoustics	Devenport	Asynchronous
AOE 5135	Vehicle Propulsion	Young	Asynchronous
AOE 5154	Data Analysis in Fluid Dyn	Low	Asynchronous
AOE 5164	Fluid-Structure Interaction	Wang	Asynchronous
AOE 5174	Introduction to Plasma Science	TBA	Asynchronous
AOE 5204	Vehicle Dynamics and Control	Psiaki	Asynchronous
AOE 5304	Advanced Naval Architecture	Brizzolara	Asynchronous
AOE 5315	Naval Ship Design	Brown	Asynchronous
AOE 5324	Principles of Naval Engineering with Applications	Brown	Asynchronous
AOE 5434G	Advanced Introduction Composite Fluid Dynamics	Roy	Asynchronous
AOE 5604	Modeling Composites Damage	Seidel	Asynchronous
AOE 5744	Linear Systems Theory	Boker	TR 11:00am-12:15pm
AOE 5754	Applied Linear Systems	Southward	Asynchronous
AOE 5774	Nonlinear Systems Theory	Sullan	Asynchronous
AOE 5784	Estimation and Filtering	Psiaki	Asynchronous
<p># Courses are available for graduate credit  XX ONLINE course. Primarily received at desktop.  **Synchronous (live) course delivered at the Peninsula Graduate Center Headquarters.</p> <p style="text-align: right;">*Synchronous (live) course received or delivered from NIA  X Course instructor on-site at NIA.  All VT AOE, ESM, MSE and ME courses are delivered at NIA</p>			