[	NIA Graduate Program: Fall 2022		
HAMPTON UNIVERSITY	FULL COURSE LIST		
TBD			
* Courses taught on HU campus + Course instructor on-site at NIA			
GEORGIA TECH			
Aerospace Engineering (MS and PhD) AE 6009 Q	Viscous Fluid Flow	Young, Pui-Kuen	
AE 6114 Q	Fundamental Solid Mechanic	Rimoli, Julian	
AE 6230 Q AE 6322 Q	Structural Dynamics Spacecraft Design I	Riso, Cristina Lightsey, Edgar	
AE 6322 Q01	Spacecraft Design I	Lightsey, Edgar	Asynchronous streaming media
AE 6333 Q AE 6343 Q	Rotorcraft Design I Aircraft Design I	Smith, Marilyn Mavris, Dimitrious	
AE 6353 Q	Orbital Mechanics	Ho, Koki	
AE 6372 Q AE 6373 Q	Aerospace Systems Engr Adv Design Methods I	Garcia, Elena Mavris, Dimitrious	
AE 6372 Q01	Adv Design Methods I	Mavris, Dimitrious	
AE 6383 QMA AE 6393	Applied Design Lab Intro to Sys of Sys Eng	Mavris, Dimitrious Mavris, Dimitrious	
AE 6503	Helicopter Stability & Ctl	Prasad, J	
AE 6530 AE 6551	Mulivar Linear Sys & Ctl Cognitive Engineering	Haddad, Wassim Feigh, Karen	
AE 6760	Acoustics I	Arvanitis, Costas	
AE 6765 AE 8803 QRA	Kinetics & Thermo Gases Vertical Lift Aeromechanics	Jagoda, Jechiel Rauleder, Juergen	1
AE 8803 QVA	Opt-Based Learning Cont & Game	Vamvoudakis, Kyriakos	1
*Synchronous (live) course received or delivered from NIA.		1	1
+ Course instructor on-site at NIA			
NORTH CAROLINA STATE UNIVERSITY Mechanical and Aerospace Engineering (MS and PhD)			
MAE 504	Fluid Dynamics of Combustion I	Echekki	
MAE 505 MAE 511	Heat Transfer Theory and Applications Advanced Dynamics with Applications to Aerospace Systems	Saveliev Mazzoleni	1
MAE 517	Advanced Precision Manufacturing for Products, Systems and Processes	Tu	1
MAE 531 MAE 533	Engineering Design Optimization Finite Element Analysis I	Ferguson Zikry	1
MAE 536	Mirco/Nano Electromechanical Systems	Zhu	
MAE 541 MAE 561	Advanced Solid Mechanics I Wing Theory	Huang Gopalarathnam	
MAE 586	Mechanical Engineering Project Work	Peters & Others	Asynchronous streaming media
Electrical and Computer Engineering (courses only) ECE 511	Analog Electronics	Floyd	
ECE 513	Digital Signal Processing	Bottomley	
ECE 518 ECE 534	Wearable Biosensors and Microsystems Power Electronics	Daniele Bhattacharya	
ECE 547	Cloud Computing Technology	Viniotis	
ECE 550 ECE 560	Power Systems Operations and Control Embedded System Architecture	Baran Dean	-
ECE 564	ASIC and FPGPA Design With Verilog	Franzon	
ECE 568 ECE 573	Conventional & Emerging NanomanufacturingTechniques and Their Applications in Nanosystems Internet Protocols	Lee Harfoush	
ECE 574	Computer and Network Security	Enck	Asynchronous streaming media
ECE 578	LTE and 5G Communications		-
		Guvenc Rouskas	
ECE 579 ECE 585	Introduction to Computer Performance Modeling Business of Electric Utility	Rouskas Gajda	
ECE 579 ECE 585 ECE 587	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transients Analysis	Rouskas Gajda White	
ECE 579 ECE 585 ECE 585 ECE 587 ECE 591 ECE 591 ECE 591	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transientis Analysis Special Topics for General Electric Students Special Topics for ABB Students	Rouskas Gajda White Franzon Franzon	
ECE 579 ECE 585 ECE 587 ECE 591	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transients Analysis Special Topics for General Electric Students Special Topics in Data Science Special Topics in Data Science	Rouskas Gajda White Franzon	
ECE 579 ECE 585 ECE 585 ECE 587 ECE 591 ECE 591 ECE 592 ECE 59	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transients Analysis Special Topics for General Electric Students Special Topics for ABB Students Special Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering	Rouskas Gajda White Franzon Franzon Baron Lin Tang	
ECE 579 ECE 585 ECE 587 ECE 597 ECE 591 ECE 591 ECE 592 ECE 592 ECE 592 ECE 592 ECE 592 ECE 600	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transients Analysis Special Topics for General Electric Students Special Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation	Rouskas Gajda White Franzon Franzon Baron Lin Tang Dai	
ECE 579 ECE 585 ECE 587 ECE 591 ECE 591 ECE 591 ECE 592 ECE 592 ECE 592 ECE 592 ECE 592 ECE 592 ECE 592 ECE 592 ECE 501 ECE 592 ECE 502 ECE 503 ECE 50	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transients Analysis Special Topics for General Electric Students Special Topics for ABB Students Special Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines	Rouskas Gajda White Franzon Franzon Baron Lin Tang Dai Ricketts Hussain	
ECE 579 ECC 585 ECC 587 ECC 587 ECC 591 ECC 591 ECC 592 ECC 714 ECC 592 ECC 59	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transients Analysis Special Topics for General Electric Students Special Topics for ABB Students Special Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECC Graduate Orientation Advanced Integrated Circuit Design: Data Converters	Rouskas Gajda White Franzon Baron Lin Tang Dai Ricketts	
ECE 579 ECE 585 ECE 587 ECE 587 ECE 591 ECE 591 ECE 592 ECE 592 ECE 592 ECE 592 ECE 600 ECE 714 ECE 732 ECE 748 Industrial & Systems Engineering (courses only) ISE 501	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transients Analysis Special Topics for General Electric Students Special Topics for ABB Students Special Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research	Rouskas Gajda White Franzon Franzon Baron Lin Tang Dai Ricketts Hussain Oden King	
ECE 579 ECE 585 ECE 587 ECE 591 ECE 591 ECE 591 ECE 592 ECE 592 ECE 592 ECE 592 ECE 732 ECE 748 Industrial & Systems Engineering (courses only)	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transients Analysis Special Topics for General Electric Students Special Topics for ABB Students Special Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logistics	Rouskas Gajda White Franzon Franzon Baron Lin Tang Dai Ricketts Hussain Oden	
ECE 579 ECCE 585 ECCE 585 ECCE 587 ECCE 591 ECCE 591 ECCE 592 ECCE 592 ECCE 592 ECCE 592 ECCE 600 ECCE 714 ECCE 714 ECCE 712 ECCE 714 ECE 713 ECCE 714 ECE 713 ECE 715	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transientis Analysis Special Topics for ABB Students Special Topics for ABB Students Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Appled Engineering Economy Humanitarian Logistics	Rouskas           Gajda           White           Franzon           Franzon           Baron           Lin           Tang           Dai           Ricketts           Hussain           Oden           King           King           Lee	
ECE 579 ECE 585 ECE 587 ECE 587 ECE 591 ECE 591 ECE 592 ECE 592 ECE 592 ECE 592 ECE 592 ECE 792 ECE 714 ECE 732 ECE 748 Industrial & Systems Engineering (courses only) ISE 501 ISE 510 ISE 513	Introduction to Computer Performance Modeling Business of Electric Utily Power System Transients Analysis Special Topics for ABB Students Special Topics for ABB Students Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logialics Manufacturing Process Engineering Healthcare Systems Performance Improvement Occupational Biomechanics	Rouskas Gajda White Franzon Franzon Baron Lin Tang Dai Ricketts Hussain Oden King King King Mayorga	Asynchronous streaming media
ECE 579 ECE 585 ECE 587 ECE 587 ECE 591 ECE 591 ECE 592 ECE 592 ECE 592 ECE 714 ECE 732 ECE 748 Industrial & Systems Engineering (courses only) ISE 501 ISE 510 ISE 513 ISE 514 ISE 520 ISE 544	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transients Analysis Special Topics for Ceneral Electric Students Special Topics for ABB Students Optimization and Algorithms Data Analytics for Power Engineering ECC Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logistics Manufactuming Process Engineering Healthcare Systems Performance Improvement Occupational Biomechanics	Rouskas           Gajda           White           Franzon           Franzon           Baron           Lin           Tang           Dai           Ricketts           Hussain           Oden           King           King           Lee           Ivy           Xu           Wan	Asynchronous streaming media
ECE 579 ECE 585 ECE 585 ECE 587 ECE 591 ECE 591 ECE 592 ECE 592 ECE 592 ECE 592 ECE 592 ECE 714 ECE 732 ECE 744 ECE 732 ECE 744 Systems Engineering (courses only) ISE 501 ISE 510 ISE 515 ISE 515 ISE 520 ISE 544	Introduction to Computer Performance Modeling Business of Electric Utily Power System Transients Analysis Special Topics for ABB Students Special Topics for ABB Students Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logialics Manufacturing Process Engineering Healthcare Systems Performance Improvement Occupational Biomechanics	Rouskas         Gajda           Gajda         White           Franzon         Franzon           Baron         Lin           Lin         Tang           Dai         Ricketts           Hussain         Oden           King         King           King         Lee           Ivy         Xu	Asynchronous streaming media
ECE 579 ECE 585 ECE 587 ECE 587 ECE 591 ECE 591 ECE 592 ECE 592 ECE 592 ECE 592 ECE 792 ECE 704 ECE 732 ECE 748 Industrial & Systems Engineering (courses only) ISE 501 ISE 510 ISE 510 ISE 515 ISE 516 ISE 544 ISE 560 ISE 716	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transients Analysis Special Topics for General Electric Students Special Topics for ABB Students Special Topics for ABB Students Data Analytics for Power Engineering ECE Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logistics Manufacturing Process Engineering Haalitacer Systems Engineering Cocupational Biomechanics Stochastic Models in Industrial Engineering Automated Systems Engineering Automated Systems Engineering Automated Systems Engineering Automated Systems Engineering	Rouskas           Gajda           White           Franzon           Franzon           Baron           Lin           Tang           Dai           Ricketts           Hussain           Oden           King           King           Lee           Ivy           Xu           Wan           Dong	Asynchronous streaming media
ECE 579           ECE 585           ECE 587           ECE 591           ECE 591           ECE 592           ECE 592           ECE 592           ECE 732           ECE 732           ECE 733           ECE 510           ISE 501           ISE 501           ISE 510           ISE 513           ISE 515           ISE 520           ISE 544           ISE 560           ISE 560           ISE 716           ISE 714	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transients Analysis Special Topics for General Electric Students Special Topics for ABB Students Special Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Conomy Humanitarian Logistics Manufacturing Process Engineering Healthcare Systems Engineering Stochastic Models in Industrial Engineering Automated Systems Engineering Logistics Engineering Logistics Engineering Logistics Engineering	Rouskas           Gajda           White           Franzon           Franzon           Baron           Lin           Tang           Dai           Ricketts           Hussain           Oden           King           King           Lee           Ivy           Xu           Wan           Dong           Chen	Asynchronous streaming media
ECE 579           ECE 585           ECE 587           ECE 591           ECE 591           ECE 592           ECE 592           ECE 748           ECE 744           ESE 501           ESE 501           ECE 748           Systems Engineering (courses only)           ISE 501           ISE 501           ISE 515           ISE 515           ISE 544           ISE 544           ISE 741           ISE 744           Materials Sciences and Engineering (courses only)	Introduction to Computer Performance Modeling Business of Electric Utily Power System Transients Analysis Special Topics for ABB Students Special Topics for ABB Students Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logistics Manufacturing Process Engineering Healthcare Systems Performance Improvement Occupational Biomechanics Stochastic Models in Industrial Engineering Systems Safety Engineering Logistics Engineering Mature Systems Safety Engineering Matures	Rouskas Gajda White Franzon Franzon Baron Lin Tang Dai Ricketts Hussain Oden King Mayorga Lee Ivy Xu Wan Dong Chen Kay Kwanza	Asynchronous streaming media
ECE 579           ECE 585           ECE 585           ECE 591           ECE 591           ECE 592           ECE 592           ECE 741           ECE 732           ECE 745           ESE 501           Industrial & Systems Engineering (courses only)           ISE 501           ISE 510           ISE 513           ISE 515           ISE 520           ISE 544           ISE 560           ISE 741           ISE 754           Materials Sciences and Engineering (courses only)           MSE 500           MSE 500           MSE 500	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transients Analysis Special Topics for General Electric Students Special Topics for ABB Students Special Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Conomy Humanitarian Logistics Manufacturing Process Engineering Healthcare Systems Engineering Stochastic Models in Industrial Engineering Automated Systems Engineering Logistics Engineering Logistics Engineering Logistics Engineering	Rouskas Gajda White Franzon Franzon Baron Lin Tang Dai Ricketts Hussain Oden King King King King Wayorga Leve Ivy Xu Wan Dong Cchen Kay	Asynchronous streaming media
ECE 579           ECE 585           ECE 581           ECE 591           ECE 591           ECE 592           ECE 592           ECE 600           ECE 714           ECE 732           ECE 732           ECE 748           Industrial & Systems Engineering (courses only)           ISE 501           ISE 510           ISE 511           ISE 515           ISE 520           ISE 540           ISE 754           Materials Sciences and Engineering (courses only)           MSE 540           MSE 545	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transientis Analysis Special Topics for ABB Students Special Topics for ABB Students Optimization and Agorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Appled Engineering Economy Humanitarian Logistics Stochastic Models in Industrial Engineering Editors System Sengineering Healthcare System Engineering Used Systems Engineering Healthcare Systems Engineering Modern Concepts in Materials Science Nuclear Materials Modern Concepts in Materials Science Nuclear Materials Processing	Rouskas           Gajda           White           Franzon           Franzon           Baron           Lin           Tang           Dal           Ricketts           Hussain           Oden           King           King           Ku           Wan           Dong           Chen           Kay           Wwanza           Murty           Koch           Kushichainula	Asynchronous streaming media
ECE 579           ECE 585           ECE 587           ECE 591           ECE 591           ECE 592           ECE 592           ECE 742           ECE 742           ECE 743           ESE 510           ISE 511           ISE 513           ISE 515           ISE 516           ISE 517           ISE 544           ISE 574           Materials Sciences and Engineering (courses only)           Mase 500           Mase 500           Mase 500           Mase 500           Mase 500	Introduction to Computer Performance Modeling         Business of Electric Utility         Power System Transients Analysis         Special Topics for General Electric Students         Special Topics in Data Science         Optimization and Algorithms         Data Analytics for Power Engineering         ECC Graduate Orientation         Advanced Integrated Circuit Design: Data Converters         Dynamics and Control of Electric Machines         Advanced Verification with UVM         Introduction to Operations Research         Applied Engineering Conomy         Humanitarian Logistics         Manafacturing Process Engineering         Healthcare Systems Performance Improvement         Occupational Biomechanics         Stochastic Models in Industrial Engineering         Automated Systems Engineering         Logistics Engineering         Logistics Engineering         Logistics Engineering         Logistics Engineering         Logistics Engineering         Nuclear Materials Science         Nuclear Materials         Processing of Metallic Materials	Rouskas Gajda White Franzon Franzon Baron Lin Tang Dai Ricketts Hussain Oden King King King King King Kay Ku Van Dong Chen Kay Kay Kay Kay	
ECE 579           ECE 585           ECE 581           ECE 591           ECE 591           ECE 592           ECE 592           ECE 592           ECE 714           ECE 732           ECE 732           ECE 748           Industrial & Systems Engineering (courses only)           ISE 501           ISE 510           ISE 513           ISE 515           ISE 520           ISE 544           ISE 560           ISE 754           Materials Sciences and Engineering (courses only)           MSE 500           MSE 540           MSE 540           MSE 541           MSE 542           MSE 543           MSE 544           MSE 540           MSE 541           MSE 542           MSE 543           MSE 544           MSE 545           MSE 541           MSE 542           MSE 543           MSE 544           MSE 545           MSE 541           MSE 542           MSE 543           MSE 544           MSE 5	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transients Analysis Special Topics for ABB Students Special Topics for ABB Students Optimization and Algorithms Data Analytics for Power Engineering ECC Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logistics Stochastic Models in Industrial Engineering Ecotopational Biomechanics Stochastic Register Engineering Healthcare Systems Engineering Ucopational Biomechanics Stochastic Redes Industrial Engineering Logistics Engineering Logistics Engineering Modern Concepts in Materials Science Nuclear Materials Ceramic Processing Quantitative Materials Informatics- Weeks Only Materials Informatics- Meders Informatics	Rouskas           Gajda           White           Franzon           Franzon           Baron           Lin           Tang           Dal           Ricketts           Hussain           Oden           King           King           King           Van           Dong           Chen           Kay           Kwanza           Murty           Koch           Kashichainula           Winkler           Yingjing	
ECE 579           ECE 585           ECE 581           ECE 591           ECE 591           ECE 592           ECE 592           ECE 592           ECE 600           ECE 714           ECE 732           ECE 748           Industrial & Systems Engineering (courses only)           ISE 501           ISE 501           ISE 510           ISE 515           ISE 520           ISE 541           ISE 541           ISE 541           ISE 541           ISE 541           ISE 543           ISE 764           Materials Sciences and Engineering (courses only)           MSE 540           MSE 541           MSE 591           MSE 591           MSE 723           MSE 760           MSE 761           MSE 761           MSE 761	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transients Analysis Special Topics for ABB Students Special Topics for ABB Students Special Topics in Data Science Optimization and Agorithms Data Analytics for Power Engineering ECC Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Appleed Engineering EcC Engineering Healthcare System Performance Improvement Occupational Biomechanics Stochastic Models in Industrial Engineering Logistics Engineering Logistics Engineering Katerials Science Modern Concepts in Materials Science Mudear Materials Science Mudear Materials Informatics-8 Weeks Only Materials Informatics	Rouskas           Gajda           White           Franzon           Franzon           Baron           Lin           Tang           Dai           Ricketts           Hussain           Oden           King           King           Vanga           Lee           Ivy           Xu           Wan           Dong           Chen           Kay           Kwanza           Murty           Koch           Kashichainula           Winkler           Yingling	
ECE 579           ECE 585           ECE 585           ECE 591           ECE 591           ECE 592           ECE 592           ECE 592           ECE 744           ECE 732           ECE 745           SE 501           ISE 510           ISE 513           ISE 515           ISE 515           ISE 544           ISE 544           ISE 574           Material Sciences and Engineering (courses only)           MSE 500           MSE 501           ISE 514           ISE 515           ISE 544           ISE 544           ISE 544           ISE 501           ISE 540           MSE 500           MSE 501           MSE 540           MSE 541           MSE 542           MSE 591           MSE 591           MSE 591           MSE 723           MSE 723	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transients Analysis Special Topics for ABB Students Special Topics for ABB Students Special Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Integrated Crouit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logislics Manufacturing Process Engineering Healthcare Systems Performance Improvement Occupational Biomechanics Stochastic Models in Industrial Engineering Logistics Engineering Madem Concepts in Materials Science Nuclear Materials Characteristics Introduction to Materials Informatics- West Only Materials Informatics	Rouskas Gajda Gajda Franzon Franzon Baron Lin Tang Dai Ricketts Hussain Oden King Mayorga Lee Ivy Xu Wan Dong Chen Kay Kwanza Kwanza Kwanza Kuy Kwanza Kuy King King Mayorga Lee Ivy Xu	
ECE 579           ECE 585           ECE 585           ECE 587           ECE 591           ECE 591           ECE 592           ECE 592           ECE 592           ECE 732           ECE 732           ECE 732           ECE 744           ESE 501           ISE 501           ISE 510           ISE 515           ISE 515           ISE 545           ISE 541           ISE 741           ISE 741 <td< td=""><td>Introduction to Computer Performance Modeling Business of Electric Utily Power System Transients Analysis Special Topics for ABB Students Special Topics for ABB Students Detail Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Untegrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logistics Manufacturing Process Engineering Stochastic Models in Industrial Engineering Systems Safety Engineering Logistics Engineering Systems Safety Engineering Logistics Engineering Kutomated Systems Engineering National Systems Safety Engineering Systems Safety Engineering Madem Concepts in Materials Science Nuclear Materials Characteristics Introduction to Materials Characteristics Introduction to Materials Characteristics Nuclear Materials Informatics-8 Weeks Only Materials Informatics Nonferrous Alloys</td><td>Rouskas Gajda Gajda White Franzon Franzon Baron Lin Tang Dai Ricketts Hussain Oden King Mayorga Lee Ivy Xu Wan Dong Chen Kay Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kashichainula</td><td></td></td<>	Introduction to Computer Performance Modeling Business of Electric Utily Power System Transients Analysis Special Topics for ABB Students Special Topics for ABB Students Detail Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Untegrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logistics Manufacturing Process Engineering Stochastic Models in Industrial Engineering Systems Safety Engineering Logistics Engineering Systems Safety Engineering Logistics Engineering Kutomated Systems Engineering National Systems Safety Engineering Systems Safety Engineering Madem Concepts in Materials Science Nuclear Materials Characteristics Introduction to Materials Characteristics Introduction to Materials Characteristics Nuclear Materials Informatics-8 Weeks Only Materials Informatics Nonferrous Alloys	Rouskas Gajda Gajda White Franzon Franzon Baron Lin Tang Dai Ricketts Hussain Oden King Mayorga Lee Ivy Xu Wan Dong Chen Kay Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kashichainula	
ECE 579           ECE 585           ECE 581           ECE 591           ECE 591           ECE 592           ECE 592           ECE 592           ECE 714           ESE 501           ISE 501           ISE 515           ISE 502           ISE 741           ISE 741           ISE 741           ISE 741           ISE 741           ISE 741           ISE 500           MSE 500           MSE 500           MSE 501           MSE 540           MSE 541           MSE 542           MSE 741           MSE 741           MSE 541           MSE 542           MSE 741 <td< td=""><td>Introduction to Computer Performance Modeling Business of Electric Utility Power System Transients Analysis Special Topics for ABB Students Special Topics for ABB Students Special Topics in Data Science Optimization and Agorithms Data Analytics for Power Engineering ECC Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Appleed Engineering EcC Engineering Healthcare System Performance Improvement Occupational Biomechanics Stochastic Models in Industrial Engineering Logistics Engineering Logistics Engineering Katerials Science Modern Concepts in Materials Science Mudear Materials Science Mudear Materials Informatics-8 Weeks Only Materials Informatics</td><td>Rouskas Gajda Gajda White Franzon Franzon Baron Lin Tang Dai Ricketts Hussain Oden King Mayorga Lee Ivy Xu Wan Dong Chen Kay Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kashichainula</td><td></td></td<>	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transients Analysis Special Topics for ABB Students Special Topics for ABB Students Special Topics in Data Science Optimization and Agorithms Data Analytics for Power Engineering ECC Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Appleed Engineering EcC Engineering Healthcare System Performance Improvement Occupational Biomechanics Stochastic Models in Industrial Engineering Logistics Engineering Logistics Engineering Katerials Science Modern Concepts in Materials Science Mudear Materials Science Mudear Materials Informatics-8 Weeks Only Materials Informatics	Rouskas Gajda Gajda White Franzon Franzon Baron Lin Tang Dai Ricketts Hussain Oden King Mayorga Lee Ivy Xu Wan Dong Chen Kay Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kashichainula	
ECE 579           ECE 585           ECE 581           ECE 591           ECE 591           ECE 592           ECE 592           ECE 600           ECE 714           ECE 732           ECE 732           ECE 748           Industrial & Systems Engineering (courses only)           ISE 501           ISE 510           ISE 511           ISE 515           ISE 520           ISE 761           ISE 764           Materials Sciences and Engineering (courses only)           MSE 500           MSE 501           MSE 501           MSE 502           MSE 503           MSE 504           MSE 505           MSE 761           MSE 761           MSE 701           MSE 701           MSE 701           MSE 701           MSE 701           MSE 701           MSE 7	Introduction to Computer Performance Modeling Business of Electric Utily Power System Transients Analysis Special Topics for ABB Students Special Topics for ABB Students Detail Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Untegrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logistics Manufacturing Process Engineering Stochastic Models in Industrial Engineering Systems Safety Engineering Logistics Engineering Systems Safety Engineering Logistics Engineering Kutomated Systems Engineering National Systems Safety Engineering Systems Safety Engineering Madem Concepts in Materials Science Nuclear Materials Characteristics Introduction to Materials Characteristics Introduction to Materials Characteristics Nuclear Materials Informatics-8 Weeks Only Materials Informatics Nonferrous Alloys	Rouskas Gajda Gajda White Franzon Franzon Baron Lin Tang Dai Ricketts Hussain Oden King Mayorga Lee Ivy Xu Wan Dong Chen Kay Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kashichainula	
ECE 579           ECE 587           ECE 581           ECE 591           ECE 591           ECE 592           ECE 592           ECE 600           ECE 714           ECE 732           ECE 732           ECE 748           Industrial & Systems Engineering (courses only)           ISE 501           ISE 510           ISE 511           ISE 513           ISE 560           ISE 761           ISE 761           ISE 574           Materials Sciences and Engineering (courses only)           MSE 500           MSE 501           ISE 744           ISE 754           Materials Sciences and Engineering (courses only)           MSE 500           MSE 501           MSE 502           MSE 503           MSE 504           MSE 505           MSE 723           MSE 723           MSE 701           MSE 721           These courses are offered asynchronously and utilize WEB accessible           "Synchronous (live) course received or delivered from NIA.           X Course instructor on-site at NIA           M	Introduction to Computer Performance Modeling Business of Electric Utily Power System Transients Analysis Special Topics for ABB Students Special Topics for ABB Students Detail Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Untegrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logistics Manufacturing Process Engineering Stochastic Models in Industrial Engineering Systems Safety Engineering Logistics Engineering Systems Safety Engineering Logistics Engineering Kutomated Systems Engineering National Systems Safety Engineering Systems Safety Engineering Madem Concepts in Materials Science Nuclear Materials Characteristics Introduction to Materials Characteristics Introduction to Materials Characteristics Nuclear Materials Informatics-8 Weeks Only Materials Informatics Nonferrous Alloys	Rouskas Gajda Gajda White Franzon Franzon Baron Lin Tang Dai Ricketts Hussain Oden King Mayorga Lee Ivy Xu Wan Dong Chen Kay Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kashichainula	
ECE 579           ECE 585           ECE 581           ECE 591           ECE 592           ECE 592           ECE 592           ECE 592           ECE 714           ECE 732           ECE 732           ECE 748           Industrial & Systems Engineering (courses only)           ISE 501           ISE 510           ISE 513           ISE 515           ISE 544           ISE 560           ISE 754           Material Sciences and Engineering (courses only)           MSE 500           MSE 540           MSE 591           MSE 591           MSE 591           MSE 791           MSE 79	Introduction to Computer Performance Modeling Business of Electric Utily Power System Transients Analysis Special Topics for ABB Students Special Topics for ABB Students Detail Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Untegrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logistics Manufacturing Process Engineering Stochastic Models in Industrial Engineering Systems Safety Engineering Logistics Engineering Systems Safety Engineering Logistics Engineering Kutomated Systems Engineering National Systems Safety Engineering Systems Safety Engineering Madem Concepts in Materials Science Nuclear Materials Characteristics Introduction to Materials Characteristics Introduction to Materials Characteristics Nuclear Materials Informatics-8 Weeks Only Materials Informatics Nonferrous Alloys	Rouskas Gajda Gajda White Franzon Franzon Baron Lin Tang Dai Ricketts Hussain Oden King Mayorga Lee Ivy Xu Wan Dong Chen Kay Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kashichainula	
ECE 579           ECE 587           ECE 581           ECE 591           ECE 591           ECE 592           ECE 592           ECE 600           ECE 714           ECE 732           ECE 732           ECE 748           Industrial & Systems Engineering (courses only)           ISE 501           ISE 510           ISE 511           ISE 513           ISE 560           ISE 761           ISE 761           ISE 574           Materials Sciences and Engineering (courses only)           MSE 500           MSE 501           ISE 744           ISE 754           Materials Sciences and Engineering (courses only)           MSE 500           MSE 501           MSE 502           MSE 503           MSE 504           MSE 505           MSE 723           MSE 723           MSE 701           MSE 721           These courses are offered asynchronously and utilize WEB accessible           "Synchronous (live) course received or delivered from NIA.           X Course instructor on-site at NIA           M	Introduction to Computer Performance Modeling Business of Electric Utily Power System Transients Analysis Special Topics for ABB Students Special Topics for ABB Students Detail Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Untegrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logistics Manufacturing Process Engineering Experiments Stochastic Models in Industrial Engineering Systems Safety Engineering Logistics Engineering Systems Safety Engineering Logistics Engineering Materials Science Nuclear Materials Characteristics Introduction to Materials Characteristics Mader Concepts in Materials Ceramic Processing Ocumunation Materials Informatics-8 Weeks Only Materials Informatics Nonferrous Alloys	Rouskas Gajda Gajda White Franzon Franzon Baron Lin Tang Dai Ricketts Hussain Oden King Mayorga Lee Ivy Xu Wan Dong Chen Kay Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kashichainula	
ECE 579           ECE 585           ECE 585           ECE 591           ECE 591           ECE 592           ECE 592           ECE 592           ECE 592           ECE 714           ECE 732           ECE 744           ECE 732           ECE 745           SE 501           ISE 510           ISE 515           ISE 515           ISE 544           ISE 560           ISE 741           ISE 741           ISE 754           Materials Sciences and Engineering (courses only)           MSE 500           MSE 501           MSE 501           MSE 501           MSE 591           MSE 733           MSE 791           MS	Introduction to Computer Performance Modeling Business of Electric Utily Power System Transients Analysis Special Topics for ABB Students Special Topics for ABB Students Detail Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Untegrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logistics Manufacturing Process Engineering Experiments Stochastic Models in Industrial Engineering Systems Safety Engineering Logistics Engineering Systems Safety Engineering Logistics Engineering Materials Science Nuclear Materials Characteristics Introduction to Materials Characteristics Mader Concepts in Materials Ceramic Processing Ocumunation Materials Informatics-8 Weeks Only Materials Informatics Nonferrous Alloys	Rouskas Gajda Gajda White Franzon Franzon Baron Lin Tang Dai Ricketts Hussain Oden King Mayorga Lee Ivy Xu Wan Dong Chen Kay Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kashichainula	
ECE 579           ECE 585           ECE 585           ECE 581           ECE 591           ECE 592           ECE 592           ECE 692           ECE 744           ECE 722           ECE 732           ECE 744           ECE 732           ECE 745           SE 501           ISE 510           ISE 513           ISE 515           ISE 545           ISE 545           ISE 546           Material & Sciences and Engineering (courses only)           ISE 500           ISE 501           ISE 501           ISE 741           ISE 744           ISE 500           MSE 500           MSE 500           MSE 501           MSE 502           MSE 503           MSE 791           MSE 791           MSE 791           MSE 791           MSE 791           MSE 791           MORT Concurses are offered asynchronously and utilize WEB accessible           "Synchronous (live) course received or delivered from NIA.           X Course instructor on-site at NIA	Introduction to Computer Performance Modeling Business of Electric Utily Power System Transients Analysis Special Topics for ABB Students Special Topics for ABB Students Detail Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Untegrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logistics Manufacturing Process Engineering Experiments Stochastic Models in Industrial Engineering Systems Safety Engineering Logistics Engineering Systems Safety Engineering Logistics Engineering Materials Science Nuclear Materials Characteristics Introduction to Materials Characteristics Mader Concepts in Materials Ceramic Processing Ocumunation Materials Informatics-8 Weeks Only Materials Informatics Nonferrous Alloys	Rouskas Gajda Gajda White Franzon Franzon Baron Lin Tang Dai Ricketts Hussain Oden King Mayorga Lee Ivy Xu Wan Dong Chen Kay Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kashichainula	
ECE 579           ECE 585           ECE 585           ECE 581           ECE 591           ECE 592           ECE 592           ECE 600           ECE 714           ECE 732           ECE 732           ECE 732           ECE 732           ECE 732           ECE 733           ESE 501           ISE 501           ISE 510           ISE 513           ISE 541           ISE 541           ISE 541           ISE 541           ISE 741           ISE 741           ISE 741           ISE 540           MSE 540           MSE 540           MSE 541           MSE 591           MSE 791           MSE 791           MSE 791           These courses are offered asynchronously and utilize WEB accessible           *Synchronous (live) course received or delivered from NIA.           X Course instructor on-site at NIA           MORTH CARCUINA & AST UNIVERSITY           Computer Engineering           TBD           Electrical Engineering           "Synchronous (live) course receiv	Introduction to Computer Performance Modeling Business of Electric Utily Power System Transients Analysis Special Topics for ABB Students Special Topics for ABB Students Detail Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Untegrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logistics Manufacturing Process Engineering Experiments Stochastic Models in Industrial Engineering Systems Safety Engineering Logistics Engineering Systems Safety Engineering Logistics Engineering Materials Science Nuclear Materials Characteristics Introduction to Materials Characteristics Mader Concepts in Materials Ceramic Processing Ocumunation Materials Informatics-8 Weeks Only Materials Informatics Nonferrous Alloys	Rouskas Gajda Gajda White Franzon Franzon Baron Lin Tang Dai Ricketts Hussain Oden King Mayorga Lee Ivy Xu Wan Dong Chen Kay Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kwanza Kashichainula	
ECE 579           ECE 585           ECE 585           ECE 591           ECE 591           ECE 592           ECE 592           ECE 741           ECE 742           ECE 743           ECE 744           ECE 742           ECE 743           ECE 744           ECE 743           ECE 744           ECE 743           ECE 744           ESE 501           ISE 510           ISE 513           ISE 541           ISE 541           ISE 541           ISE 541           ISE 541           ISE 741           ISE 741           ISE 741           ISE 741           ISE 545           Materials Sciences and Engineering (courses only)           MKE 500           MSE 501           MSE 502           MSE 545           MSE 546           MSE 541           MSE 791           MSE 791           These courses are offered asynchronously and utilize WEB accessible           *Synchronous (live) course received or delivered from NIA.           X Course instructor on	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transientis Analysis Special Topics for ABB Students Special Topics for ABB Students District Students Special Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logitics Manufacturing Process Engineering Healthcare Systems Performance Improvement Occupational Biomechanics Stochastic Models in Industrial Engineering Logitics Engineering Modern Concepts in Materials Science Nuclear Materials Ceramic Processing Quantitative Materials Informatics- Weeks Only Materials Informatics streaming or CDROMs delivered to the student. For updates on asynchronous courses go to: http://Engine	Rouskas Gajda Gajda White Franzon Franzon Franzon Dai Tang Dai Ricketts Hussain Oden King Mayorga Lee Ivy Xu Wan Dong Chen Kay Wan Dong Chen Kay Ku Wan Dong Chen Kashichainula Winkler Yingling Yingling Winkler Yingling Marayan Winkler Scoch Kashichainula	Asynchronous streaming media
ECE 579           ECE 585           ECE 587           ECE 591           ECE 591           ECE 592           ECE 600           ECE 714           ECE 732           ECE 733           ECE 748           Industrial & Systems Engineering (courses only)           ISE 510           ISE 511           ISE 520           ISE 541           ISE 541           ISE 541           ISE 754           Materials Sciences and Engineering (courses only)           MSE 500           MSE 501           MSE 760           MSE 770           MSE 791           These courses are offered asynchronously and utilize WEB accessible	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transienis Analysis Special Topics for ABB Students Special Topics for ABB Students Special Topics in Data Science Optimization and Agorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logistics Stochastic Models in Industrial Engineering Logistics Engineering Katomated Systems Engineering Logistics Engineering Modern Concepts in Materials Science Nuclear Materials Processing of Metafile Materials Processing of Metafile Materials Characteristics Introduction to Materials Characteristics Introduction to Materials Characteristics Nuclear Materials Characteristics Introduction to Materials Characteristics Introduction to Materials Characteristics Nuclear Materials Characteristics Introduction to Materials Characteristics Nuclear Materials Characteristics Nuclear Materials Characteristics Introduction Materials Characteristics Nuclear Materials Characteristics Nuclear Materials Characteristics Introduction Materials Characteristics Nuclear Materials Characteristics Nuclear Materials Characteristics Introduction Materials Characteristics Nuclear Materials Nuclear Nuclea	Rouskas Gajda White Franzon Franzon Franzon Baron Lin Tang Dal Ricketts Hussain Oden King King Mayorga Lee Ivy Wan Dong Chen Kay Wan Dong Chen Kay Wan Dong Chen Kay Wan Dong Chen Kay Wan Dong Chen Kay Wan Dong Chen Kay King King King Baron Lee Lee Ivy Wan Dong Chen Kay Koch Kashichainula Winkler Yingling Yingling Vingling Vingling Narayan Winkler Kasichainula	Asynchronous streaming media
ECE 579           ECE 585           ECE 585           ECE 591           ECE 591           ECE 592           ECE 592           ECE 741           ECE 742           ECE 743           ECE 744           ECE 742           ECE 743           ECE 744           ECE 743           ECE 744           ECE 743           ECE 744           ES 501           ISE 501           ISE 513           ISE 541           ISE 541           ISE 544           ISE 550           ISE 741           ISE 754           Materials Sciences and Engineering (courses only)           MSE 500           MSE 501           MSE 502           MSE 503           MSE 504           MSE 505           MSE 791           MSE 791           These courses are offered asynchronously and utilize WEB accessible           "Synchronous (Iwe) course received or delivered from NIA.           X Course instructor on-site at NIA           NORTH CAROLINA & AT UNIVERSITY           Computer Engineering           TB0 </td <td>Introduction to Computer Performance Modeling Business of Electric Utility Power System Transientis Analysis Special Topics for ABB Students Special Topics for ABB Students District Students Special Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logitics Manufacturing Process Engineering Healthcare Systems Performance Improvement Occupational Biomechanics Stochastic Models in Industrial Engineering Logitics Engineering Modern Concepts in Materials Science Nuclear Materials Ceramic Processing Quantitative Materials Informatics- Weeks Only Materials Informatics streaming or CDROMs delivered to the student. For updates on asynchronous courses go to: http://Engine</td> <td>Rouskas Gajda Gajda White Franzon Franzon Franzon Dai Tang Dai Ricketts Hussain Oden King Mayorga Lee Ivy Xu Wan Dong Chen Kay Wan Dong Chen Kay Ku Wan Dong Chen Kashichainula Winkler Yingling Yingling Winkler Yingling Marayan Winkler Scoch Kashichainula</td> <td>Asynchronous streaming media</td>	Introduction to Computer Performance Modeling Business of Electric Utility Power System Transientis Analysis Special Topics for ABB Students Special Topics for ABB Students District Students Special Topics in Data Science Optimization and Algorithms Data Analytics for Power Engineering ECE Graduate Orientation Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Integrated Circuit Design: Data Converters Dynamics and Control of Electric Machines Advanced Verification with UVM Introduction to Operations Research Applied Engineering Economy Humanitarian Logitics Manufacturing Process Engineering Healthcare Systems Performance Improvement Occupational Biomechanics Stochastic Models in Industrial Engineering Logitics Engineering Modern Concepts in Materials Science Nuclear Materials Ceramic Processing Quantitative Materials Informatics- Weeks Only Materials Informatics streaming or CDROMs delivered to the student. For updates on asynchronous courses go to: http://Engine	Rouskas Gajda Gajda White Franzon Franzon Franzon Dai Tang Dai Ricketts Hussain Oden King Mayorga Lee Ivy Xu Wan Dong Chen Kay Wan Dong Chen Kay Ku Wan Dong Chen Kashichainula Winkler Yingling Yingling Winkler Yingling Marayan Winkler Scoch Kashichainula	Asynchronous streaming media

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 MAE 753/853	Mechanical Behavior of Materials Composite Materials	Ghosh Kravchenko	TR 3:00pm-4:15pm TR 11:00am-12:15pm
MAE 753/853	Composite Materials	клауспепко	TR 11:00am-12:15pm
CHEM 795/895 or MAE795			
CHEW 795/695 01 MAE 795	Topics: Physics & Chemistry of Planetary Atmosheres	Bernath	MW 9:30am-10:45am
UNIVERSITY OF MARYLAND			
Aerospace Engineering (MS and PhD)			
ENAE 631	Helicopter Aerodynamics I	Chopra	TR 9:30am-10:45am
ENAE 636	Helicopter Dynamics I	Datta	MW 9:30am-10:45am
ENAE 684	Computational Fluid Dynamics I	Baeder	TR 11:00am-12:15pm
ENAE 004 ENAE 788B	Selected Topics in Aerospace Engineering: Aircraft Systems Identification - Course Cancelled as of 8/8/22	Morelli	MW 11:00am-12:15pm
ENAE 788C	Selected Topics in Aerospace Engineering: Aircraft Flight Testing	Tritschler	TR 5:00pm-6:15pm
		Thisonlei	TK 5.00pmPo. T5pm
Above are synchronous (live) course received on student's desktop or la UNIVERSITY OF VIRGINIA	biop		
Civil Engineering			
CE 5020 (Section 600, Class Number (16988)	Intra to Coographic Information Systems	Miller	Asimohranaua
CE 5340 (Section 600, Class Number (16966) CE 5340 (Section 600, Class Number (16990)	Intro to Geographic Information Systems Advanced Topics in Structural Engineering	Gomez	Asynchronous Asynchronous
CE 5400 (Section 600, Class Number (16990) CE 5400 (Section 600, Class Number (16991)	Traffic Operation	Park	Asynchronous
CE 6030 (Section 600, Class Number (18991) CE 6030 (Section 600, Class Number (18992)	Green Engineering and Sustainability	Peterson	Asynchronous
CE 6035 (Section 600, Class Number (17053)	Leadership and Negotiation		
CE 6470 (Section 600, Class Number (17033) CE 6470 (Section 600, Class Number (16992)		Lownsbury	Asynchronous
	Transport Economics and Finance	Chen	Asynchronous
CE 6500 (Section 600, Class Number (18995) CE 6500 (Section 601, Class Number (20117)	Special Topics: Land Development Engineering	Pennetti	Asynchronous
	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
Chamical Engineering			
Chemical Engineering CHE 6450 (Section 600, Class Number (17051)	Energy Science and Technologies	Colina	Asurahranaua
		Epling	Asynchronous
CHE 6615 (Section 600, Class Number (17048)	Advanced Thermodynamics	Choi	Asynchronous
Electrical and Computer Engineering (MC and DL D)	1		1
Electrical and Computer Engineering (MS and Ph.D.) 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 Charaterization	Shukla	Asynchronous
ECE 6501 (Section 600, Class Number (17058)	Topics in Electrical and Computer Engineering: Convex Optimization for Engineering Data		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	Ihlefeld	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 (Secton 602, Class Number (18968)	Special Topics in Electrical and Computer Engineering: Electrons and Phonons I	Zebarjadi	Asynchronous
ECE 6642 (Section 600, Class Number (19046)	Optoelectronic Devices	Campbell	Asynchronous
ECE 6851 (Section 600, Class Number (17016)	Linear Automatic Control Systems	Тао	Asynchronous
ECE 6852 (Section 600, Class Number (17015)	Linear State Space Control Systems	Тао	Asynchronous
Materials Sciences and Engineering (MS and Ph.D.)			
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)		Zhou	Asynchronous
MSE 6592 (Section 600, Class Number (18910)	Topics in Material Science: Dielectrics, Electronic Oxides, and Devices	Ihlefeld	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
	-	0	
MAE 6610 (Section 600, Class Number (17072)	Linear Automatic Control Systems	Тао	Asynchronous
MAE 6610 (Section 600, Class Number (17072)	Linear Automatic Control Systems Linear State Space Systems	Tao Tao	Asynchronous Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996)			
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.)	Linear State Space Systems	Тао	Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6001 (Section 600, Class Number (17069)	Linear State Space Systems Intro to Systems Analysis and Design	Tao Scherer	Asynchronous Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph. D.) SYS 6001 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17006)	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods	Tao Scherer Riggs	Asynchronous Asynchronous Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6001 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17007) SYS 6005 (Section 600, Class Number (17007)	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I	Tao Scherer Riggs Iqbal	Asynchronous Asynchronous Asynchronous Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) <b>Systems Engineering</b> ( <i>MS and Ph.D.</i> ) SYS 6001 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17006)	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods	Tao Scherer Riggs	Asynchronous Asynchronous Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph. D.) SYS 6001 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17006) SYS 6005 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (19005)	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I	Tao Scherer Riggs Iqbal	Asynchronous Asynchronous Asynchronous Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6001 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (19005) "Synchronous (live) course received on student desktop or leptop	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I	Tao Scherer Riggs Iqbal	Asynchronous Asynchronous Asynchronous Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6001 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17007) SYS 6056 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (19005) "Synchronous (live) course received on student desktop or laptop VIRGINIA TECH	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I	Tao Scherer Riggs Iqbal	Asynchronous Asynchronous Asynchronous Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6001 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (19005) "Synchronous (like) course received on student desktop or laptop VIRGINA TECH Aerospace and Ocean Engineering (MS and P.D)	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety	Tao Scherer Riggs Iqbal Bolton	Asynchronous Asynchronous Asynchronous Asynchronous Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6001 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (1707) SYS 6003 (Section 600, Class Number (1707) SYS 6881 (Section 600, Class Number (17007) SYS 6881 (Section 600, Class Number (17005) "Synchronous (live) course received on student desktop or laptop VIRGINIA TECH Aerospace and Ocean Engineering (MS and P.D) AOE 5074	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis	Tao Scherer Riggs Iqbal Bolton Gilbert	Asynchronous Asynchronous Asynchronous Asynchronous Asynchronous Asynchronous Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6001 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17007) SYS 6058 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (19005) "Synchronous (live) course received on student desktop or laptop VIRGINIA TECH Acrospace and Ocean Engineering (MS and P.D) ACE 5074 ACE 5104	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aero Hydrody	Tao Scherer Riggs Iqbal Bolton Gilbert Massa	Asynchronous Asynchronous Asynchronous Asynchronous Asynchronous Asynchronous Asynchronous Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6003 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (19005) "Synchronous (live) course received on student desktop or laptop VIRGINA TECH Aerospace and Ocean Engineering (MS and P.D) AOE 5074 AOE 5104 AOE 5104	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aero Hydrody Aero and Hydroacoustics	Tao Scherer Riggs Iqbal Bolton Gilbert Massa Devenport	Asynchronous Asynchronous Asynchronous Asynchronous Asynchronous Asynchronous Asynchronous Asynchronous Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6001 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17007) SYS 6503 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class N	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aero Hydrody Aero and Hydroacoustics Vehicle Propulsion Vehicle Propulsion	Tao Scherer Riggs Iqbal Bolton Gilbert Massa Devenport Young	Asynchronous
MAE 6610 (Section 600, Class Number (17072)           MAE 6620 (Section 600, Class Number (16996)           Systems Engineering (MS and Ph.D.)           SVS 6001 (Section 600, Class Number (17069)           SVS 5003 (Section 600, Class Number (17006)           SVS 5003 (Section 600, Class Number (17007)           SVS 6581 (Section 600, Class Number (17007)           SVS 6581 (Section 600, Class Number (17007)           SVS 6581 (Section 600, Class Number (19005)           *Synchronous (live) course received on student desktop or laptop           VIRGINAL TECH           Aerospace and Ocean Engineering (MS and P.D)           AOE 5704           AOE 5104           AOE 5135           AOE 5135	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aero Hydrody Aero and Hydroacoustics Vehicle Propulsion Data Analysis in Fluid Dyn	Tao Scherer Riggs Iqbal Bolton Gilbert Massa Devenport Young Lowe	Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6001 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (1707) SYS 6005 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (17007) Synchronous (live) course received on student desktop or laptop VIRGINIA TECH Aerospace and Ocean Engineering (MS and P.D) AOE 5104 AOE 5134 AOE 5154 AOE 5154	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aero Hydrody Aero and Hydroacoustics Vehicle Propulsion Data Analysis in Fluid Dyn Fluid-Structure Interaction	Tao Scherer Riggs Iqbai Bolton Gilbert Massa Devenport Young Lowe Wang	Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6003 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17007) SYS 6058 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (19005) "Synchronous (live) course received on student desktop or laptop VIRGINA TECH Aerospace and Ocean Engineering (MS and P.D) AOE 5074 AOE 5124 AOE 5154 AOE 5154 AOE 5154 AOE 5154	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aero Hydroacoustics Yehicle Propulsion Data Analysis in Fluid Dyn Fluid-Structure Interaction Introduction to Plasma Science	Tao Scherer Riggs Iqbal Bolton Gilbert Massa Devenport Young Lowe Wang TBA	Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6003 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (19005) "Synchronous (live) course received on student desktop or laptop VIRGINIA TECH Aerospace and Ocean Engineering (MS and P.D) AOE 5104 AOE 5104 AOE 5135 AOE 5135 AOE 5154 AOE 5164 AOE 5174	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aren Hydrody Aero and Hydrody Aero and Hydrody Aero and Hydrody Data Analysis in Fluid Dyn Phild-Structure Interaction Introduction to Plasma Science Vehicle Dynamics and Control	Tao Tao Scherer Riggs Iqbal Bolton Gilbert Massa Devenport Young Lowe Wang TBA Psiakl	Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6003 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17007) SYS 60581 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (19005) "Synchronous (live) course received on student desktop or laptop VIRGINA TECH Acrospace and Ocean Engineering (MS and P.D) ACE 5074 ACE 514 ACE 5154 ACDE 5154 ACE 5174 ACE 5174 ACE 5174 ACE 5204 ACE 5304	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aero Hydrody Aero and Hydroacoustics Vehicle Propulsion Data Analysis in Fluid Dyn Fluid-Structure Interaction Introduction to Plasma Science Vehicle Oynamics and Control Advanced Maval Architecture	Tao Tao Tao Scherer Riggs Riggs Rigbal Bolton Glibert Massa Devenport Young Lowe Wang TBA Psiaki Brzzolara	Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SyS 6001 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (19005) "Synchronous (live) course received on student desktop or laptop VIRGINIA TECH Aerospace and Ocean Engineering (MS and P.D) AOE 5704 AOE 5104 AOE 5135 AOE 5154 AOE 5164 AOE 5164 AOE 5164 AOE 5204 AOE 5204 AOE 5304 AOE 5315	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aero Hydrody Advanced Ship Structural Analysis Pato And Hydroacoustics Vehicle Propulsion Data Analysis in Fluid Dyn Fluid-Structure Interaction Introduction to Plasma Science Vehicle Dynamics and Control Advanced Naval Architecture Naval Ship Design	Tao Tao Tao Scherer Riggs Iqbal Bolton Gilbert Devenport Young Lowe Wang TBA Pslaki Brizzolara Brown	Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6001 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17007) SYS 6503 (Section 600, Class Number (17007) Systematic Section 600, Class Number (17007) Systematic	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aero Hydrody Aero and Hydroacoustics Vehicle Propulsion Data Analysis in Fluid Dyn Fluid-Structure Interaction Introduction to Plasma Science Yehicle System Interaction Introduction to Plasma Science Yehicle System Science Yehicle System Science Yehicle System Science Naval Ship Design Parioples of Naval Engineering with Applications	Tao Tao Tao Scherer Riggs Iqbai Bolton Gilbert Massa Devenport Young Lowe Wang TBA Paiaki Brizzolara Brown Brown Erown Erown	Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6001 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17007) SYS 6058 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (19005) "Synchronous (live) course received on student desktop or laptop VIRGINA TECH Acrospace and Ocean Engineering (MS and P.D) AOE 5074 AOE 5124 AOE 5135 AOE 5154 AOE 5154 AOE 5164 AOE 5115 AOE 5315 AOE 5315 AOE 5315 AOE 5315 AOE 5315 AOE 5314	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aero Hydrody Aero and Hydroacoustics Yehicle Propulsion Data Analysis in Fluid Oyn Huid-Structure Interaction Introduction to Plasma Science Yehicle Dynamics and Control Advanced Naval Architecture Naval Ship Design Principles of Naval Engineering with Applications Advanced Naval Engineering with Applications Advanced Naval Engineering with Applications	Tao Tao Scherer Riggs Riggs Rigbal Bolton Glibert Massa Devenport Young Lowe Wang TBA Psiaki Brizzolara Brown Brown Roy	Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6003 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17070) SYS 6058 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class N	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aero Hydrody Advanced Ship Structural Analysis Adv Aero Hydrody Advanced Ship Structural Analysis Patro and Hydrody Data Analysis in Fluid Dyn Fluid-Structure Interaction Introduction to Plasma Science Vehicle Dynamics and Control Advanced Naval Architecture Naval Ship Design Principles of Naval Engineering with Applications Advanced Introduction Composite Fluid Dynamics Modeling Composites Damage	Tao Tao Tao Scherer Riggs Rigbai Bolton Gilbert Massa Devenport Young Lowe Wang TEA Pizzklara Brown Brown Brown Brown Brown Soldel	Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6003 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17007) SYS 6058 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (19005) 'Synchronous (live) course received on student desktop or laptop VIRGINA TECH Aerospace and Ocean Engineering (MS and P.D) AOE 5074 AOE 5124 AOE 5154 AOE 5154 AOE 5154 AOE 5154 AOE 5154 AOE 5315 AOE 5315 AOE 5315 AOE 5315 AOE 534 AOE 5344 AOE 5434G AOE 5544	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aero Hydrody Aero and Hydroacoustics Vehicle Propulsion Data Analysis in Fluid Dyn Fluid-Structure Interaction Introduction to Plasma Science Vehicle Dynamics and Control Advanced Ship Stip Engineering with Applications Advanced Introduction Composite Fluid Dynamics Modeling Composites Damage Linear Systems Damage Linear Systems Team	Tao Tao Tao Scherer Riggs Riggs Rigbal Bolton Glibert Massa Devenport Young Lowe Wang TBA Psiaki Brown Brozolara Brown Roy Seidel Boker	Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6003 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17007) SYS 6058 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (19005) 'Synchronous (live) course received on student desktop or laptop VIRGINA TECH Aerospace and Ocean Engineering (MS and P.D) AOE 5074 AOE 5124 AOE 5154 AOE 5154 AOE 5154 AOE 5154 AOE 5154 AOE 5315 AOE 5315 AOE 5315 AOE 5315 AOE 534 AOE 5344 AOE 5434G AOE 5544	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aero Hydrody Advanced Ship Structural Analysis Adv Aero Hydrody Advanced Ship Structural Analysis Patro and Hydrody Data Analysis in Fluid Dyn Fluid-Structure Interaction Introduction to Plasma Science Vehicle Dynamics and Control Advanced Naval Architecture Naval Ship Design Principles of Naval Engineering with Applications Advanced Introduction Composite Fluid Dynamics Modeling Composites Damage	Tao Tao Tao Scherer Riggs Rigbai Bolton Gilbert Massa Devenport Young Lowe Wang TEA Pizzklara Brown Brown Brown Brown Brown Soldel	Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6003 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17007) SYS 6058 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (19005) *Synchronous (Ike) course received on student desktop or laptop VIRGINAL TECH Acrespece and Ocean Engineering (MS and P.D) AOE 5074 AOE 5124 AOE 5154 AOE 5154 AOE 5154 AOE 5154 AOE 5154 AOE 5154 AOE 5154 AOE 5315 AOE 5315 AOE 5315 AOE 5334 AOE 5346 AOE 5346 AOE 5346 AOE 5544 AOE 5544 AOE 5544 AOE 5754 AOE 5754	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aren Hydrody Aero and Hydroacoustics Vehicle Propulsion Data Analysis in Fluid Dyn Fluid-Structure Interaction Introduction to Plasma Science Vehicle Dynamics and Control Advanced Naval Architecture Naval Ship Design Principles of Naval Engineering with Applications Advanced Introduction Composite Fluid Dynamics Modeling Composites Damage Linear Systems Theory	Tao Tao Tao Scherer Riggs Riggs Rigbal Bolton Glibert Massa Devenport Young Lowe Wang TBA Psiaki Brown Brozolara Brown Roy Seidel Boker	Asynchronous
MAE 6620 (Section 600, Class Number (16996)           Systems Engineering (MS and Ph.D.)           SYS 6001 (Section 600, Class Number (17069)           SYS 6003 (Section 600, Class Number (17006)           SYS 6005 (Section 600, Class Number (17007)           SYS 6036 (Section 600, Class Number (19005)           "Synchronous (live) course received on student desktop or laptop           VIRGINA TECH           Acrespace and Ocean Engineering (MS and P.D)           AOE 5074           AOE 5104	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aren Hydrody Vehicle Propulsion Data Analysis in Fluid Dyn Huid-Structure Interaction Introduction to Plasma Science Vehicle Dynamics and Control Advanced Naval Architecture Naval Ship Design Principles of Naval Engineering with Applications Advanced Instructuration Advances Damage Linear Systems Theory Applied Linear Systems	Tao Tao Tao Scherer Riggs Gilbert Gilb	Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6003 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17007) SYS 6058 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (19005) *Synchronous (Ike) course received on student desktop or laptop VIRGINAL TECH Acrespece and Ocean Engineering (MS and P.D) AOE 5074 AOE 5124 AOE 5154 AOE 5154 AOE 5154 AOE 5154 AOE 5154 AOE 5154 AOE 5154 AOE 5315 AOE 5315 AOE 5315 AOE 5334 AOE 5346 AOE 5346 AOE 5346 AOE 5544 AOE 5544 AOE 5544 AOE 5754 AOE 5754	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aren Hydrody Aero and Hydroacoustics Vehicle Propulsion Data Analysis in Fluid Dyn Fluid-Structure Interaction Introduction to Plasma Science Vehicle Dynamics and Control Advanced Naval Architecture Naval Ship Design Principles of Naval Engineering with Applications Advanced Introduction Composite Fluid Dynamics Modeling Composites Damage Linear Systems Theory	Tao Tao Tao Scherer Riggs Riggs Rigbal Bolton Glibert Massa Devenport Young Lowe Wang TBA Ppiakl Brizzolara Brown Brown Brown Brown Boy Southward Southward Southa	Asynchronous TR 11:00am:12:15pm Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) SYS 6003 (Section 600, Class Number (17069) SYS 6003 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (17007) SYS 6581 (Section 600, Class Number (19005) "Synchronous (live) course received on student desktop or laptop VIRGINA TECH Acrespace and Ocean Engineering (MS and P.D) AOE 5074 AOE 5104 AOE 5135 AOE 5134 AOE 5144 AOE 5144 AOE 5154 AOE 5154 AOE 5154 AOE 5304 AOE 5335 AOE 5335 AOE 5335 AOE 5334 AOE 5334 AOE 5344 AOE 5344 AOE 5604 AOE 5774 AOE 5774 AOE 5774 AOE 5774	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aero Hydrody Advanced Ship Structural Analysis Adv Aero Hydrody Advanced Ship Structural Analysis Adv Aero Hydrody Advanced Ship Structural Analysis Introduction to Plasma Science Vehicle Propulsion Data Analysis in Fluid Dyn Fluid-Structure Interaction Introduction to Plasma Science Vehicle Design Principles of Naval Engineering with Applications Advanced Introduction Composite Fluid Dynamics Modeling Composites Damage Linear Systems Theory Applied Linear Systems Nonlinear Systems Theory Estimation and Filtering	Tao Tao Tao Scherer Riggs Riggs Rigbai Bolton Gilbert Massa Devenport Young Lowe Wang TEA Psiaki Brizzolara Brown Brown Brown Brown Brown Soldel Boker Southward Sultan Psiaki	Asynchronous TR 11:00am:12:15pm Asynchronous
MAE 6610 (Section 600, Class Number (17072) MAE 6620 (Section 600, Class Number (16996) Systems Engineering (MS and Ph.D.) Sys 6001 (Section 600, Class Number (17069) Sys 6003 (Section 600, Class Number (17007) Sys 6581 (Section 600, Class Number (17007) Sys 6581 (Section 600, Class Number (19005) "Synchronous (live) course received on student desktop or laptop VIRGINA TECH Aerospace and Ocean Engineering (MS and P.D) AOE 5074 AOE 5134 AOE 5134 AOE 5134 AOE 5134 AOE 5134 AOE 5134 AOE 5134 AOE 5204 AOE 5204 AOE 5315 AOE 5315 AOE 5315 AOE 534 AOE 534 AOE 554 AOE 574 AOE 574 AOE 574 AOE 574 AOE 574 AOE 5774 AOE 5784 # Courses are available for graduate credit XX ONLINE course. Primarily received at desktop.	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aren Hydrody Advanced Ship Structural Analysis Adv Aren Hydrody Advanced Ship Structural Analysis Adv Aren Hydrody Data Analysis in Fluid Dyn Hiud-Structure Interaction Introduction to Plasma Science Vehicle Dynamics and Control Advanced Naval Architecture Naval Ship Design Principles of Naval Engineering with Applications Advanced Introduction Composite Fluid Dynamics Modeling Composites Damage Linear Systems Theory Applied Linear Systems Nonlinear Systems Theory Estimation and Filtering ''Synchronous (live) course received or delivered frc X Course instructor on-site at NIA.	Tao Tao Tao Tao Scherer Riggs Iqbal Bolton Gilbert Massa Devenport Young Lowe Wang TBA Psiakl Brizzolara Brown Brown Brown Brown Brown Brown Southward Sultan Psiakl m NIA	Asynchronous
MAE 6610 (Section 600, Class Number (17072)           MAE 6620 (Section 600, Class Number (16996)           Systems Engineering (MS and Ph.D.)           SYS 6001 (Section 600, Class Number (17069)           SYS 6003 (Section 600, Class Number (17007)           SYS 6003 (Section 600, Class Number (17007)           SYS 6005 (Section 600, Class Number (17007)           Synchronous (live) course received on student desktop or laptop           VIRGINA TECH           Aerospace and Ocean Engineering (MS and P.D)           AOE 5714           AOE 5124           AOE 5135           AOE 514           AOE 514           AOE 514           AOE 514           AOE 514           AOE 5315           AOE 534G           AOE 5434G           AOE 574	Linear State Space Systems Intro to Systems Analysis and Design Optimization Models and Methods Stochastics Modeling I Selected Topics in Systems Engineering: Human Factors in Safety Advanced Topics in Systems Engineering: Human Factors in Safety Advanced Ship Structural Analysis Adv Aren Hydrody Advanced Ship Structural Analysis Adv Aren Hydrody Advanced Ship Structural Analysis Adv Aren Hydrody Data Analysis in Fluid Dyn Hiud-Structure Interaction Introduction to Plasma Science Vehicle Dynamics and Control Advanced Naval Architecture Naval Ship Design Principles of Naval Engineering with Applications Advanced Introduction Composite Fluid Dynamics Modeling Composites Damage Linear Systems Theory Applied Linear Systems Nonlinear Systems Theory Estimation and Filtering ''Synchronous (live) course received or delivered frc X Course instructor on-site at NIA.	Tao Tao Tao Tao Scherer Riggs Iqbal Bolton Gilbert Massa Devenport Young Lowe Wang TBA Psiakl Brizzolara Brown Brown Brown Brown Brown Brown Southward Sultan Psiakl m NIA	Asynchronous TR 11:00am:12:15pm Asynchronous