

## 2021-22 Online Course Schedule

UPDATED: 6/9/2021

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COURSE NUMBER	COURSE NAME	CREDITS	CO & PRE-REQS	GADE COURSE DIRECTORY	Aug-21	Sep-21	Oct-21	Jan-22	Feb-22	Mar-22	May-22
ACCT 210	Financial Accounting	3		Pending	✓	✓	✓	✓	✓	✓	✓
AMNT 240	General Aeronautics & Applications	3		✓	✓	✓	✓	✓	✓		
AMNT 260	Aircraft Electrical System Theory	3		✓	✓		✓	✓	✓	✓	✓
AMNT 265	Aeronautical Electronics for Av Maint Tech	3		Pending	✓			✓			
AMNT 270	Airframe Structures & Applications	3		✓			✓	✓			✓
AMNT 271	Airframe Systems & Applications	3		✓			✓		✓		✓
AMNT 272	Fundamentals of Aircraft Avionics	3	Dual Enrollment Office Approval	Pending			✓			✓	
AMNT 280	Reciprocating Engine Theory and Applications	3		✓	✓		✓	✓	✓		✓
AMNT 281	Turbine Engine Theory and Applications	3		✓	✓		✓	✓		✓	✓
AMNT 290	Introduction to Aerospace Composites	3		Pending				✓			✓
ASCI 110	Introduction to Space Flight	3		✓							
ASCI 121	Private Pilot Operations	5	ASCI 121L	✓		✓				✓	
ASCI 121L	Airmen Knowledge Test Preparation	1	ASCI 121	✓		✓				✓	
ASCI 202	Introduction to Aeronautical Science	3		✓	✓	✓	✓	✓	✓	✓	✓
ASCI 221	Introduction to Flight Physiology	3		✓							
ASCI 254	Aviation Legislation	3		✓	✓	✓	✓	✓	✓	✓	✓
ASCI 260	Unmanned Aerial Vehicles & Systems	3		✓	✓						✓
BIOL 120	Foundations of Biology I	3		✓	✓	✓	✓	✓		✓	✓
BSLD 275	Critical Thinking For Leadership	3	MGMT 201	Pending	✓			✓			
BSLD 285	The Evolution of Leadership	3	BSLD 275	Pending			✓				
CESC 220	Digital Circuit Design	3	ENGR 101 & CESC 222	✓	✓		✓	✓		✓	
CESC 222	Digital Circuit Design Lab	1	CESC 220	✓	✓		✓	✓		✓	
CHEM 139	General Chemistry I	3	CHEM 141	✓	✓		✓	✓		✓	✓
CHEM 141	General Chemistry I Lab	1	CHEM 139	✓	✓		✓	✓		✓	✓
COMD 225	Science and Technology Communication	3	ENGL 221 or 222	✓			✓				
COMD 230	Digital Photography	3		✓	✓			✓			
COMD 260	Introduction to Media	3	ENGL 123	✓	✓						
COMD 265	Introduction to Newswriting & Reporting	3	ENGL 123	✓			✓				✓
COMD 295	Rhetorical Strategies & Analysis	3	ENGL 123	✓						✓	
CSCI 109	Introduction to Computers and Applications	3		✓	✓	✓	✓	✓	✓	✓	✓
CSCI 123	Introduction to Computing for Data Analysis	3		✓	✓		✓	✓		✓	✓
CYBR 155	Foundations of Information Security	3		✓	✓		✓	✓			
CYBR 235	Computer & Network Technologies	3		✓	✓		✓	✓			✓
ECON 210	Microeconomics	3	MATH 111 or 140 or 143 or 241 & ENGL 123 or 143	✓	✓	✓	✓	✓	✓	✓	✓
ECON 211	Macroeconomics	3	MATH 111 or 140 or 143 or 241 & ENGL 123 or 143	✓	✓	✓	✓	✓	✓	✓	✓
ECON 225	Engineering Economics	3		✓	✓		✓	✓	✓		
ENGL 106	Introduction to Composition	3	English Skills Assessment	✓	✓		✓	✓	✓	✓	✓
ENGL 123	English Composition	3	ENGL 106 or English Skills Assessment	✓	✓	✓	✓	✓	✓	✓	✓
ENGL 143	Studies in Rhetorical Theory	3	ENGL 123	✓	✓		✓	✓			✓

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ENGL 221	Technical Report Writing	3	ENGL 123	✓	✓	✓	✓	✓	✓	✓	✓
ENGL 222	Business Communication	3	ENGL 123	✓	✓	✓	✓	✓	✓	✓	✓
ENGL 223	Collaborative Writing & Presenting	3	ENGL 123	Pending	✓		✓	✓		✓	
ENGR 101	Introduction to Engineering	3	MATH 142 or 143 or Math Skills Assessment	✓	✓		✓	✓		✓	
ENGR 115	Intro to Computing for Engrs	3	ENGR 101	✓	✓		✓	✓		✓	
ENGR 120	Graphical Communications	3	ENGR 101	✓	✓		✓	✓		✓	
ESCI 201	Statics	3	PHYS 150 and ENGR 101	✓	✓		✓	✓		✓	
ESCI 202	Solid Mechanics	3	ESCI 201	✓	✓		✓	✓		✓	
ESCI 204	Dynamics	3	ESCI 201 and Math 242	✓	✓		✓	✓		✓	
ESCI 206	Fluid Mechanics	3	ESCI 201 and PHYS 160	✓	✓		✓	✓		✓	
HIST 130	History of Aviation in America	3		✓	✓	✓	✓	✓	✓	✓	✓
HLSD 110	Introduction to Homeland Security	3		✓	✓		✓			✓	
HLSD 215	Introduction to Industrial Security	3	HLSD 110	✓			✓	✓			✓
HLSD 280	Professional Skills in Homeland Security	3	HLSD 110	✓	✓			✓			✓
HLSD 290	Introduction to Environmental Security	3	HLSD 110	✓			✓			✓	
HUMN 142	Studies in Literature	3	ENGL 123	✓	✓	✓	✓	✓		✓	✓
HUMN 210	World Culture	3	ENGL 123	✓	✓	✓	✓	✓	✓	✓	✓
HUMN 240	History of Communication Technology	3	ENGL 123	Pending	✓			✓		✓	
HUMN 241	Introduction to Digital Humanities	3		Pending							
HUMN 330	Values & Ethics	3	ENGL 123	✓	✓	✓	✓	✓	✓	✓	
LGMT 236	Principles of Procurement Management	3	MGMT 201	✓	✓	✓	✓	✓		✓	✓
MATH 106	Basic Algebra & Trigonometry	3	Math Skills Assessment	✓	✓	✓	✓	✓	✓	✓	✓
MATH 111	Pre-Calculus for Aviation	3	MATH 106 or Math Skills Assessment	✓	✓	✓	✓	✓	✓	✓	✓
MATH 112	Applied Calculus for Aviation	3	MATH 111 or 140 or Math Skills Assessment	✓	✓	✓	✓	✓	✓	✓	✓
MATH 140	College Algebra	3	MATH 106 or Math Skills Assessment	✓	✓	✓	✓	✓	✓	✓	✓
MATH 142	Trigonometry	3	MATH 111 or 140 or Math Skills Assessment	✓	✓	✓	✓	✓	✓	✓	✓
MATH 143	Precalculus Essentials	3	MATH 106 or 111 or 140 or Math Skills Assessment	✓	✓		✓	✓		✓	✓
MATH 201	Learning to Reason: Art and Quotient	3	MATH 106	Pending			✓				✓
MATH 202	Learning to Reason: Commerce and Flux	3	MATH 106	Pending				✓			
MATH 241	Calculus & Analytical Geometry I	4	MATH 142 or 143 or Math Skills Assessment	✓	✓	✓	✓	✓	✓	✓	
MATH 242	Calculus & Analytical Geometry II	4	MATH 241	✓	✓	✓	✓	✓	✓	✓	✓
MATH 243	Calculus & Analytical Geometry III	4	MATH 242	✓	✓	✓	✓	✓	✓	✓	✓
MATH 345	Differential Equations & Matrix Methods	4	MATH 243	✓	✓		✓	✓		✓	✓
MGMT 201	Principles of Management	3		✓	✓	✓	✓	✓	✓	✓	✓
MGMT 203	Management for Aeronautical Science	3	MGMT 201	✓	✓	✓	✓	✓	✓	✓	✓
MGMT 221	Intro to Mgmt Info Systems	3	MGMT 201	✓	✓	✓	✓	✓	✓	✓	✓
PHYS 102	Explorations in Physics	3	MATH 106 or 111 or 140 or 142 or 143 or 241	✓	✓	✓	✓	✓	✓	✓	✓
PHYS 123	Science of Flight	3		✓			✓	✓		✓	✓

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PHYS 142	Intro to Environmental Science	3		✓	✓		✓	✓		✓	✓
PHYS 150	Physics I for Engineers	3	MATH 241	✓	✓		✓	✓		✓	✓
PHYS 160	Physics II for Engineers	3	PHYS 150 & MATH 242	✓	✓		✓	✓		✓	✓
PHYS 224	Astronomy	3		Pending				✓			✓
PHYS 250	Physics III for Engineers	3	PHYS 160 & PHYS 253	✓	✓		✓	✓		✓	✓
PHYS 253	Physics Lab for Engineers	1	PHYS 250	✓	✓		✓	✓		✓	✓
PSYC 220	Introduction to Psychology	3		✓	✓		✓	✓	✓		✓
RSCH 202	Intro to Research Methods	3	ENGL 123 or 221 & STAT 211 or STAT 222	✓	✓	✓	✓	✓	✓	✓	✓
SFTY 201	Intro Health, Occup & Tran Sfty	3		✓	✓				✓		✓
SFTY 205	Principles of Accident Investigation	3		✓			✓	✓			
SFTY 210	Introduction to Aerospace Safety	3		✓			✓				✓
SOCI 210	Introduction to Sociology	3		✓		✓		✓			✓
SPCH 219	Speech	3		✓	✓	✓	✓	✓	✓	✓	✓
STAT 211	Statistics With Aviation Appl	3	MATH 111 or 140 or 143 or 241	✓	✓	✓	✓	✓	✓	✓	✓
STAT 222	Business Statistics	3	MATH 111 or 140 or 143 or 241	✓	✓	✓	✓	✓	✓	✓	✓
UNSY 205	Applied Physics for Unmanned Systems	3	PHYS 102 & MATH 140 & MATH 142 or 111	✓	✓			✓			
UNSY 235	Flight and Mission Planning	3	ASCI 260 & UNSY 235L	✓	✓			✓			
UNSY 235L	sUAS Flight and Mission Planning Laboratory	1	UNSY 235	✓	✓			✓			
WEAX 201	Meteorology I	3		✓	✓	✓	✓	✓	✓	✓	✓
WEAX 211	Meteorological Hazards	3		Pending							
WEAX 261	Applied Climatology	3	WEAX 201	Pending	✓			✓			