2023-24 Online Course Schedule

Note: Students may request to take a specific course by contacting the Dual Enrollment Office via email.
Course availability is subject to the academic need of the University.

Course Number	Course Name	Credits	Co-Requisites & Pre-Requisites	GADE Course Directory	Aug. 2023	Sep. 2023	Oct. 2023	Jan. 2024	Feb. 2024	Mar. 2024	May 2024
ACCT 210	Financial Accounting	3		✓	✓	✓	✓	✓	✓	✓	✓
AMNT 240	General Aeronautics & Applications	3		✓	✓		✓	✓		✓	✓
AMNT 260	Aircraft Electrical System Theory	3		✓	✓		✓	✓		✓	✓
AMNT 265	Aeronautical Electronics for Av Maint Tech	3		✓	✓			✓			
AMNT 270	Airframe Structures & Applications	3		✓	✓		✓	✓		✓	✓
AMNT 271	Airframe Systems & Applications	3		✓	✓		✓	✓		✓	✓
AMNT 272	Fundamentals of Aircraft Avionics	3	Dual Enrollment Office Approval	✓			✓			✓	
AMNT 280	Reciprocating Engine Theory and Applications	3		✓	✓		✓	✓		✓	✓
AMNT 281	Turbine Engine Theory and Applications	3		✓	✓		✓	✓		✓	✓
AMNT 290	Introduction to Aerospace Composites	3		✓	✓			✓			
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		✓	✓	✓	✓	✓		✓	✓
CESC 220	Digital Circuit Design	3	ENGR 101 & CESC 222	✓	✓		✓	✓		✓	
CESC 222	Digital Circuit Design Lab	1	CESC 220	✓	✓		✓	✓		✓	
CHEM 110	General Chemistry I	3	CHEM 110L	X	✓		✓	✓		✓	✓
CHEM 110L	General Chemistry I Lab	1	CHEM 110	X	✓		✓	✓		✓	✓
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 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	Introduction to Rhetoric	3	ENGL 123	✓	✓		✓	✓		✓	✓
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	✓	✓		✓	✓		✓	
ESVS 201	Fire-Related Human Behavior	3		✓			✓			✓	
HIST 119	U.S. History to 1865	3		Pending			✓			✓	
HIST 130	History of Aviation in America	3		✓	✓	✓	✓	✓	✓	✓	✓
HLSD 110	Introduction to Homeland Security	3		✓	✓		✓	✓		✓	
HLSD 155	Foundations of Info Security	3		Pending	✓		✓	✓			
HLSD 215	Introduction to Industrial Security	3	HLSD 110	✓			✓	✓			✓
HLSD 280	Professional Skills in Homeland Security	3		✓	✓			✓			✓

(continued on next page)

Online Course Schedule (continued)

Course Number	Course Name	Credits	Co-Requisites & Pre-Requisites	GADE Course Directory	Aug. 2023	Sep. 2023	Oct. 2023	Jan. 2024	Feb. 2024	Mar. 2024	May 2024
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		✓				✓			
HUMN 256	Baseball History & Stats	3		✓	✓			✓		✓	
HUMN 330	Values & Ethics	3	ENGL 123	✓	✓	✓	✓	✓	✓		
ISTA 200	Computer Science Fundamentals	3		Pending							
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	ENGL 221 or ENGL 222	✓	✓	✓	✓	✓	✓	✓	✓
MGMT 203	Management for Aeronautical Science	3	MGMT 201	✓	✓	✓	✓	✓	✓	✓	✓
MMIS 221	Intro to Management Info Systems	3	MGMT 201	Pending	✓	✓	✓	✓	✓	✓	✓
OBLD 275	Critical Thinking For Leadership	3	MGMT 201	Pending	✓			✓		✓	
OBLD 285	The Evolution of Leadership	3	OBLD 275	Pending			✓			✓	
PHYS 102	Explorations in Physics	3	MATH 106 or 111 or 140 or 142 or 143 or 241	✓	✓	✓	✓	✓	✓	✓	✓
PHYS 123	Science of Flight	3		✓	✓		✓	✓		✓	✓
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		✓	✓			✓			✓
PHYS 250	Physics III for Engineers	3	PHYS 160 & PHYS 253	✓	✓		✓	✓		✓	✓
PHYS 253	Physics Lab for Engineers	2	PHYS 150 & 160 or 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		✓	✓			✓			✓
BSAS 210	Introduction to Aerospace Safety	3		✓							
SOCI 210	Introduction to Sociology	3		✓		✓		✓			✓
SPCH 219	Speech	3		✓	✓	✓	✓	✓	✓	✓	✓
SSES 110	Critical Thinking in Contemporary Problems	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		✓	✓			✓			
WEAX 261	Applied Climatology	3	WEAX 201	✓			✓			✓	