

2018-19 Online Course Schedule

UPDATED: 6/7/2018

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 & PRE-REQS	GRADE COURSE DIRECTORY	WW MAY 18	WW AUG 18	WW SEP 18	WW OCT 18	WW JAN 19	WW FEB 19	WW MAR 19	WW MAY 19
AMNT 240	General Aeronautics & Applications	3		✓		✓	✓	✓	✓	✓		
AMNT 260	Aircraft Electrical System Theory	3		✓		✓		✓	✓	✓		
AMNT 270	Airframe Structures & Applications	3		✓	✓		✓	✓	✓			✓
AMNT 271	Airframe Systems & Applications	3		✓	✓		✓	✓		✓		✓
AMNT 280	Reciprocating Engine Theory and Applications	3		✓	✓	✓			✓		✓	
AMNT 281	Turbine Engine Theory and Applications	3		✓	✓	✓		✓	✓		✓	✓
ASCI 262	Introduction to Aeronautical Science	3		✓	✓	✓		✓		✓	✓	✓
ASCI 254	Aviation Legislation	3		✓	✓	✓	✓	✓		✓	✓	✓
ASCI 260	Unmanned Aerial Vehicles & Systems	3		✓	✓	✓	✓	✓		✓	✓	✓
BIOL 120	Foundations of Biology I	3		Pending	✓	✓	✓	✓	✓	✓	✓	✓
CESC 220	Digital Circuit Design	3	CESC 222	Pending	✓	✓	✓	✓	✓	✓	✓	✓
CESC 222	Digital Circuit Design Lab	1	CESC 220	Pending	✓	✓	✓	✓	✓	✓	✓	✓
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 News Writing & Reporting	3	ENGL 123	Pending	✓	✓		✓				✓
COMD 295	Rhetorical Strategies & Analysis	3	ENGL 123	Pending							✓	
CSCI 109	Introduction to Computers and Applications	3		✓	✓	✓	✓	✓	✓	✓	✓	✓
CSCI 123	Introduction to Computing for Data Analysis	3		Pending		✓		✓				
CYBR 155	Foundations of Information Security	3		Pending				✓	✓			
CYBR 125	Computer & Network Technologies	3		Pending			✓		✓			
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	ECON 210 or 211 & ENGR 101	✓			✓	✓	✓	✓	✓	✓
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	✓	✓	✓	✓	✓	✓	✓	✓	✓
ENGL 221	Technical Report Writing	3	ENGL 123	✓	✓	✓	✓	✓	✓	✓	✓	✓
ENGL 222	Business Communication	3	ENGL 123	✓	✓	✓	✓	✓	✓	✓	✓	✓
ENGR 101	Introduction to Engineering	3	MATH 142 or 143 or Math Skills Assessment	✓	✓	✓	✓	✓	✓	✓	✓	✓
ENGR 115	Intro to Computing for Engrs	3	ENGR 101 or ESCI 105	✓			✓	✓	✓		✓	✓
ENGR 120	Graphical Communications	3	ENGR 101		✓			✓		✓	✓	✓
ENGR 121	Graphical Communications for Tech Management	3	ENGR 101	Pending		✓	✓		✓	✓		
ESCI 105	Fundamentals of Engineering	3	MATH 142 or 143 or Math Skills Assessment	✓				✓	✓		✓	
ESCI 201	Statics	3	PHYS 150 and ENGR 101 or ESCI 105	✓	✓	✓		✓	✓	✓	✓	✓
ESCI 202	Solid Mechanics	3	ESCI 201	✓	✓			✓	✓	✓	✓	✓
ESCI 204	Dynamics	3	ESCI 201	✓	✓	✓		✓	✓	✓	✓	✓
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		Pending		✓		✓		✓		
HLSD 215	Introduction to Industrial Security	3	HLSD 110	Pending	✓		✓	✓		✓	✓	
HLSD 280	Professional Skills in Homeland Security	3	HLSD 110	Pending	✓	✓		✓	✓		✓	✓
HLSD 290	Introduction to Environmental Security	3	HLSD 110	Pending				✓			✓	
HUMN 142	Studies in Literature	3	ENGL 123	✓	✓	✓	✓	✓	✓	✓	✓	✓
HUMN 210	World Culture	3	ENGL 123	Pending	✓	✓	✓	✓	✓	✓	✓	✓
HUMN 130	Values & Ethics	3	ENGL 123	✓	✓	✓	✓	✓	✓	✓	✓	✓
IGMT 136	Principles of Purchasing	3		Pending				✓	✓	✓	✓	✓
MATH 106	Basic Algebra & Trigonometry	3	Math Skills Assessment	✓	✓	✓	✓	✓	✓	✓	✓	✓
MATH 111	Pre-Calculus for Aviation	3	MATH 106 or Math Skills Assessment	Pending	✓	✓	✓	✓	✓	✓	✓	✓
MATH 112	Applied Calculus for Aviation	3	MATH 111 or 140 or Math Skills Assessment	Pending	✓	✓	✓	✓	✓	✓	✓	✓
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 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	✓					✓		✓	