

**Undergraduate Master Course Schedule**

ERAU Worldwide-Department of Online Learning offers undergraduate Online courses twelve terms a year (Terms have monthly starts). All undergraduate Online courses are offered in a 9 week format. Terms will have varying start dates. This schedule is subject to change.

6-22-2020

**Undergraduate Master Course Schedule 2020-23**

TERM		2594
MONTH		Sept 2021
Start Date		13-Sep
End Date		14-Nov
COURSE #	COURSE TITLE	
AMNT 240	General Aeronautics & Applications	YES
AMNT 270	Airframe Structures & Applications	YES
AMNT 271	Airframe Systems & Applications	YES
AMNT 416	Aviation Maintenance Management: A Global	YES
ASCI 121	Private Pilot Operations	YES
ASCI 121L	Airmen Knowledge Test Preparation	YES
ASCI 202	Introduction to Aeronautical Science	YES
ASCI 254	Aviation Legislation	YES
ASCI 309	Aerodynamics	YES
ASCI 404	Applications in Aviation/Aerospace Law	YES
ASCI 406	Airborne Law Enforcement	YES
ASCI 412	Corporate & Business Aviation	YES
ASCI 424	Maintenance Repair and Overhaul in Aviation	YES
ASCI 429	Adv. Technologies in Design & Prod. Of Aircraft Structures	YES
ASCI 438	Advanced Helicopter Operations	YES
BIOL 120	Elements of Biological Science	YES
TERM		2594
MONTH		Sept
Start Date		13-Sep
End Date		14-Nov
COURSE #	COURSE TITLE	
BSAB 410	Management of Air Cargo	YES
BSAB 416	Space Tourism	TO BE ANNOUNCED
BSAB 450	Airline/Airport Marketing	YES
CSCI 109	Introduction to Computers & Applications	YES
CYBR 474	Issues in Aviation Cybersecurity	TO BE ANNOUNCED
ECON 210	Microeconomics	YES
ECON 211	Macroeconomics	YES
EMGY 310	Fundamentals of Emergency Management	YES
ENGL 106	Introduction to Composition	YES
ENGL 123	English Composition	YES
ENGL 221	Technical Report Writing	YES
ENGL 222	Business Communication	YES
TERM		2594
MONTH		Sept
Start Date		13-Sep
End Date		14-Nov
COURSE #	COURSE TITLE	
Engineering Science Courses		
ELEC 220	Circuits (Taken with ELEC 221)	YES
ELEC 221	Circuits Laboratory (Taken with ELEC 220)	YES
ENGR 101	Introduction to Engineering	YES
ENGR 120	Graphical Communications	YES
ENGR 121	Graphical Communications for Technical Management	YES
ENGR 330	Signals & Systems (Taken with ENGR 331)	YES
ENGR 331	Signals & Systems Laboratory (Taken with ENGR 330)	YES
ENGR 400	Fundamentals of Energy Systems	YES
ENGR 404	Mechatronics (Taken with ENGR 405)	YES
ENGR 405	Mechatronics Laboratory (Taken with ENGR 404)	YES
ESCI 202	Solid Mechanics	YES
ESCI 206	Fluid Mechanics	YES
ESCI 305	Thermodynamics	YES
ETEC 310	Material Science for Engineering Technology	YES
MATH 143	Precalculus Essentials	YES
MATH 241	Calculus and Analytical Geometry I (4 credit)	YES

MATH 242	Calculus and Analytical Geometry II (4 credit)	YES
MATH 243	Calculus and Analytical Geometry III (4 credit)	YES
MECH 302	Introduction to Robotics I	YES
MECH 303	Robotics Laboratory	YES
MECH 313	Instrumentation & Data Acquisition	YES
MECH 314	Instrumentation & Data Acquisition Laboratory	YES
PHYS 150	Physics I for Engineers	YES
PHYS 250	Physics III for Engineers (Taken with PHYS 253)	YES
PHYS 253	Physics Laboratory for Engineers (Taken with PHYS	YES
TERM		2594
MONTH		Sept
Start Date		13-Sen
End Date		14-Nov
COURSE #	COURSE TITLE	
	Emergency Services	
GNET 103	Basic Mathematics	YES
HIST 130	History of Aviation in America	YES
HUMN 142	Studies in Literature	YES
HUMN 210	World Culture	YES
HUMN 330	Values and Ethics	YES
TERM		2594
MONTH		Sept
Start Date		13-Sen
End Date		14-Nov
COURSE #	COURSE TITLE	
MATH 106	Basic Algebra & Trigonometry	YES
MATH 111	Pre-Calculus for Aviation	YES
MATH 112	Applied Calculus for Aviation	YES
MATH 140	College Algebra	YES
MATH 142	Trigonometry	YES
MGMT 201	Principles of Management	YES
MGMT 203	Management for Aeronautical Science	YES
MGMT 210	Financial Accounting	YES
MGMT 221	Introduction to Management Information Systems	YES
MGMT 311	Marketing	YES
MGMT 312	Managerial Accounting	YES
MGMT 314	Human Resource Management	YES
MGMT 317	Organizational Behavior	YES
MGMT 321	Aviation/Aerospace Systems Analysis Methods	YES
MGMT 324	Aviation Labor Relations	YES
MGMT 325	Social Responsibility & Ethics in Management	YES
MGMT 333	Personal Financial Planning	YES
MGMT 335	International Business	YES
MGMT 371	Leadership	YES
MGMT 386	Fundamentals of Information Systems Security	YES
MGMT 390	Business Law	YES
MGMT 394	Information Security Management	YES
MGMT 402	Legal Issues in Information Security	YES
MGMT 427	Management of the Multicultural Workforce	YES
MGMT 436	Strategic Management	YES
MGMT 440	Advanced Professional Logistics	YES
TERM		2594
MONTH		Sept
Start Date		13-Sen
End Date		14-Nov
COURSE #	COURSE TITLE	
MGMT 494	Aviation Information Systems	YES
PHYS 102	Explorations in Physics	YES
PMGT 300	The Profession	YES
RSCH 202	Introduction to Research Methods	YES
SFTY 311	Fundamentals of Occupational Safety & Health	YES
SFTY 320	Human Factors in Aviation Safety	YES
SFTY 321	Ergonomics	YES
SFTY 330	Aircraft Accident Investigation	YES
SFTY 335	Mechanical & Structural Factors in Aviation Safety	YES
SFTY 350	Aircraft Crash & Emergency Management	YES
SFTY 360	Construction Safety	YES
SFTY 409	Aviation Safety	YES
TERM		2594
MONTH		Sept
Start Date		13-Sen
End Date		14-Nov
COURSE #	COURSE TITLE	
SFTY 440	System Safety Management	YES
SOCI 210	Introduction to Sociology	YES
SOCI 310	Personality Development	YES
SPCH 219	Speech	YES

STAT 211	Statistics with Aviation Applications	YES
STAT 222	Business Statistics	YES
TRAN 274	Transportation Science	YES
UNSY 315	Unmanned Aerial Systems and Operations	YES
WEAX 201	Meteorology I	YES
<b>TERM</b>		<b>2594</b>
<b>MONTH</b>		<b>Sept</b>
<b>Start Date</b>		<b>13-Sep</b>
<b>End Date</b>		<b>14-Nov</b>
<b>UGCP</b>	<b>Senior Thesis &amp; Capstones</b>	
ASCI 490	Aeronautical Science Capstone Course	YES
AMNT 490	Aviation Maintenance Capstone Course	YES
ENGR 490	Capstone Design Project I	YES
UNSY 491	Operational Applications in Unmanned Systems	YES
<b>Contact your campus or advisor for information regarding all capstone courses.</b>		

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**6-22-2020**

**Undergraduate Master Course Schedule 2020-23**

		TERM	2597
		MONTH	Oct 2021
		Start Date	18-Oct
		End Date	19-Dec
COURSE #	COURSE TITLE		
AMNT 240	General Aeronautics & Applications		YES
AMNT 260	Aircraft Electrical Systems Theory		YES
AMNT 265	Aeronautical Electronics for Aviation Maintenance		
AMNT 270	Airframe Structures & Applications		YES
AMNT 271	Airframe Systems & Applications		YES
AMNT 280	Reciprocating Engine Theory & Applications		YES
AMNT 281	Turbine Engine Theory & Applications		YES
AMNT 416	Aviation Maintenance Management: A Global		YES
ASCI 121	Private Pilot Operations		
ASCI 121L	Airmen Knowledge Test Preparation		
ASCI 202	Introduction to Aeronautical Science		YES
ASCI 254	Aviation Legislation		YES
ASCI 260	Unmanned Aerial Vehicles and Systems		
ASCI 301	Introduction to Air Traffic Control		
ASCI 303	Tower & Radar ATC & Management		YES
ASCI 309	Aerodynamics		YES
ASCI 316	Operational Business Aspects of Unmanned Aerial	NOW	
ASCI 317	Rotorcraft		YES
ASCI 318	Unmanned Aerial Systems Robotics	NOW	
ASCI 322	Aircraft Inspection and Scheduled Maintenance		YES
ASCI 327	Aviation Work Force Management in a Global	NOW	
ASCI 357	Flight Physiology		YES
ASCI 378	Helicopter Flights Environment		YES
ASCI 388	Helicopter Flight Planning		YES
ASCI 401	Airport Development and Operations	NOW	
ASCI 403	Air Traffic Management		
ASCI 404	Applications in Aviation/Aerospace Law		YES
ASCI 406	Airborne Law Enforcement		
ASCI 410	Unmanned Sensing Systems Technology	NOW	
ASCI 411	Human Factors in Air Traffic Management		YES
ASCI 412	Corporate & Business Aviation		
ASCI 416	Aviation Maintenance Management: A Global	NOW	
ASCI 424	Maintenance Repair and Overhaul in Aviation		
ASCI 426	Airport Management in Air Traffic Management		
ASCI 428	Advanced Helicopter Systems & Functions		YES
ASCI 429	Adv. Technologies in Design & Prod. Of Aircraft Structures		
ASCI 433	Aviation Logistics & Supply Chain Management	NOW	
ASCI 438	Advanced Helicopter Operations		YES
BIOL 120	Elements of Biological Science		YES
		TERM	2597
		MONTH	Oct
		Start Date	18-Oct
		End Date	19-Dec
COURSE #	COURSE TITLE		
BSAB 412	Airport Planning and Design		YES
BSAB 415	Airline Management		YES
BSAB 416	Space Tourism	TO BE	
BSAB 426	International Aviation Management		YES
BSAB 450	Airline/Airport Marketing		YES
BSLD 304	Coaching and Mentoring		YES

BSLD 310	Mediation, Negotiation, and Conflict Resolution	YES
BSLD 315	Contemporary Leadership Theories	YES
CSCI 109	Introduction to Computers & Applications	YES
COMD 225	Science and Technology Communication	YES
COMD 265	Introduction to Newswriting and Reporting	YES
COMD 335	Technology and Modern Civilization	YES
COMD 460	Media Relations II	YES
CYBR 155	Foundations of Information Security	YES
CYBR 235	Computer & Network Technologies	
CYBR 335	Information Security Tools & Techniques	YES
CYBR 474	Issues in Aviation Cybersecurity	TO BE
CYBR 485	War, Terrorism, & Diplomacy in Cyberspace	YES
ECON 210	Microeconomics	YES
ECON 211	Macroeconomics	YES
ECON 225	Engineering Economics	YES
ECON 411	International Economics	YES
EMGY 400	Introduction to Incident Command System	YES
ENGL 106	Introduction to Composition	YES
ENGL 123	English Composition	YES
ENGL 143	Studies in Rhetorical Theory	YES
ENGL 221	Technical Report Writing	YES
ENGL 222	Business Communication	YES
ENGL 223	Collaborative Writing & Presenting	YES
ENGL 355	Creative Writing	YES
TERM		2597
MONTH		Oct
Start Date		18-Oct
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COURSE #	COURSE TITLE	
Engineering Science Courses		
AERO 309	Aerodynamic Performance of Flight Vehicles	YES
CESC 220	Digital Circuit Design (Taken with CESC 222)	YES
CESC 222	Digital Circuit Design Lab (Taken with CESC 220)	YES
CHEM 139	General Chemistry I (Taken with CHEM 141)	YES
CHEM 141	General Chemistry I Lab (Taken with CHEM 139)	YES
ELEC 230	Electronics (Taken with ELEC 231)	YES
ELEC 231	Electronics Laboratory (Taken with ELEC 230)	YES
ENGR 115	Introduction to Computing for Engineers	YES
ENGR 350	Project Engineering	YES
ENGR 450	Systems and Controls	YES
ESCI 201	Statics	YES
ESCI 204	Dynamics	YES
ESCI 325	Engineering Materials and Structures	YES
ETEC 409	Applied Aeronautics	YES
MATH 143	Precalculus Essentials	YES
MATH 201	Learning to Reason: Art & Quotient	YES
MATH 241	Calculus and Analytical Geometry I (4 credit)	YES
MATH 242	Calculus and Analytical Geometry II (4 credit)	YES
MATH 243	Calculus and Analytical Geometry III (4 credit)	YES
PHYS 150	Physics I for Engineers	YES
PHYS 160	Physics II for Engineers	YES
PHYS 250	Physics III for Engineers (Taken with PHYS 253)	YES
PHYS 253	Physics Laboratory for Engineers (Taken with PHYS	YES
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COURSE #	COURSE TITLE	
Emergency Services		
ESVS 201	Fire-Related Human Behavior	YES
ESVS 304	Fire Investigation and Analysis	YES
ESVS 400	Analytical Approaches to Public Fire Protection	YES
GNEC 103	Basic Mathematics	YES
GNEC 104	Basic English	YES
GOVT 331	Current Issues in America	YES
GOVT 340	U.S. Foreign Policy	YES

GOVT 402	Globalization and World Politics	YES
HIST 130	History of Aviation in America	YES
HIST 302	Evolution of Scientific Thought	YES
HLSD 110	Introduction to Homeland Security	YES
HLSD 215	Introduction to Industrial Security	YES
HLSD 290	Introduction to Environmental Security	YES
HLSD 320	Homeland Security Law & Policy	YES
HUMN 142	Studies in Literature	YES
HUMN 210	World Culture	YES
HUMN 300	World Literature	YES
HUMN 310	American Literature	YES
HUMN 330	Values and Ethics	YES
HUMN 333	How Fiction, Film, & Popular Culture Rep Science &	YES
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MATH 106	Basic Algebra & Trigonometry	YES
MATH 111	Pre-Calculus for Aviation	YES
MATH 112	Applied Calculus for Aviation	YES
MATH 140	College Algebra	YES
MATH 142	Trigonometry	YES
MGMT 201	Principles of Management	YES
MGMT 203	Management for Aeronautical Science	YES
MGMT 210	Financial Accounting	YES
MGMT 221	Introduction to Management Information Systems	YES
MGMT 311	Marketing	YES
MGMT 312	Managerial Accounting	YES
MGMT 314	Human Resource Management	YES
MGMT 317	Organizational Behavior	YES
MGMT 320	Business Information Systems	YES
MGMT 321	Aviation/Aerospace Systems Analysis Methods	YES
MGMT 322	Aviation Insurance	YES
MGMT 325	Social Responsibility & Ethics in Management	YES
MGMT 335	International Business	YES
MGMT 371	Leadership	YES
MGMT 386	Fundamentals of Information Systems Security	YES
MGMT 388	System Forensics, Investigation, and Response	YES
MGMT 389	Information Assurance and Information Quality	YES
MGMT 390	Business Law	YES
MGMT 402	Legal Issues in Information Security	YES
MGMT 411	Logistics Management for Aviation/Aerospace	YES
MGMT 420	Management of Production & Operations	YES
MGMT 427	Management of the Multicultural Workforce	YES
MGMT 428	Business Analytics and Data Intelligence	YES
MGMT 436	Strategic Management	YES
MGMT 444	Principles of Supply Chain Management	YES
MGMT 449	Strategic Marketing Management	YES
TERM		2597
	MONTH	Oct
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	End Date	19-Dec
COURSE #	COURSE TITLE	
MGMT 494	Aviation Information Systems	YES
PHYS 102	Explorations in Physics	YES
PHYS 123	Science of Flight	YES
PHYS 142	Introduction to Environmental Science	YES
PMGT 300	The Profession	YES
PMGT 391	Introduction to Project Management	YES
PMGT 394	Planning 2: Technical Soft Skills	YES
PMGT 400	Project Risk, Execution, & Change	YES
PMGT 424	Project Management in Aviation Operations	YES
PSYC 220	Introduction to Psychology	YES
PSYC 326	Group and Team Behavior	YES
PSYC 350	Social Psychology	YES
RSCH 202	Introduction to Research Methods	YES

SCTY 312	Global Crime & Criminal Justice Systems	YES
SCTY 315	Studies in Intelligence I	YES
SCTY 400	Airport Security	YES
SCTY 410	Physical Security	YES
SCTY 420	General Aviation Security	YES
SCTY 485	Corporate Security	YES
SCTY 488	National Security Issues & Terrorism	YES
SFTY 205	Principles of Accident Investigation	YES
SFTY 210	Introduction to Aerospace Safety	YES
SFTY 311	Fundamentals of Occupational Safety & Health	YES
SFTY 315	Environmental Compliance & Safety	YES
SFTY 320	Human Factors in Aviation Safety	YES
SFTY 326	System Safety	YES
SFTY 330	Aircraft Accident Investigation	YES
SFTY 335	Mechanical & Structural Factors in Aviation Safety	YES
SFTY 341	Occupational Safety & Health Program Management	YES
SFTY 345	Aviation Safety Program Management	YES
SFTY 350	Aircraft Crash & Emergency Management	YES
SFTY 365	Fire Protection	YES
SFTY 409	Aviation Safety	YES
<b>TERM</b>		<b>2597</b>
<b>MONTH</b>		<b>Oct</b>
<b>Start Date</b>		<b>18-Oct</b>
<b>End Date</b>		<b>19-Dec</b>
<b>COURSE #</b>	<b>COURSE TITLE</b>	
SFTY 435	Aircraft Crash Survival Analysis & Design	YES
SOCI 300	Marriage and Family	YES
SPCH 219	Speech	YES
STAT 211	Statistics with Aviation Applications	YES
STAT 222	Business Statistics	YES
STAT 320	Decision Mathematics	YES
STAT 412	Probability and Statistics	YES
TRAN 401	Transportation and the Environment	YES
TRAN 411	Strategic Intermodal Alliances	YES
UNSY 205	Applied Physics for Unmanned Systems	YES
UNSY 307	Unmanned Systems Networking	YES
UNSY 311	Unmanned Ground Systems & Applications	YES
UNSY 313	Unmanned Maritime Systems & Applications	YES
UNSY 315	Unmanned Aerial Systems and Operations	YES
UNSY 316	Operational Business Aspects of Unmanned Aerial	YES
UNSY 318	Unmanned Aerial Systems Robotics	YES
UNSY 319	UNSY Cybersecurity and Countermeasure	YES
UNSY 331	Unmanned Systems Legal & Regulatory Compliance	YES
UNSY 410	Unmanned Sensing Systems Technology	YES
UNSY 415	Unmanned Space Systems & Application	YES
UNSY 435	sUAS Practical Application and Assessment	YES
WEAX 201	Meteorology I	YES
<b>TERM</b>		<b>2597</b>
<b>MONTH</b>		<b>Oct</b>
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<b>End Date</b>		<b>19-Dec</b>
<b>UGCP</b>	<b>Senior Thesis &amp; Capstones</b>	
ASCI 490	Aeronautical Science Capstone Course	YES
AMNT 490	Aviation Maintenance Capstone Course	YES
BSSM 490	Safety Management Capstone Course	YES
ENGR 491	Capstone Design Project II	YES
UNSY 490	Unmanned Systems Application Capstone	YES
<b>Contact your campus or advisor for information regarding all capstone courses.</b>		