## **Aviation** • Professional Fixed Wing Pilot Certified Flight Instructor Option

## Semester Course Outline • 2024 – 2025

18 Months (4 Semesters) • Revised: 2/28/24

Associate of Applied Science (A.A.S.) Degree • Credits Required for Graduation: 67



#### First Year - Fall Semester

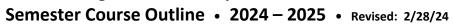
Course Number	Course Title	Clock Hours	Credits
FLT 105	Aviation Meteorology	45	3
FLT 107	Reciprocating Engine Technology	28	1
FLT 110	Private Pilot Ground School	84	3
FLT 115	Private Pilot Flight	84	3
FLT 120	Human Factors in Aviation	15	1
FLT 125	Private Pilot Check Ride	14	.5
MATH 101	Intermediate Algebra		
or	or	45	3
MATH 114	College Algebra *		
Selected Computer Course (Choose one)			
CSC 102 – Window Application for Technicians		45	3
CSC 105 – Computer Software Applications *			
	Total	360	17.5

### First Year - Spring Semester

Course Number	Course Title	Clock Hours	Credits
FLT 135	Instrument Ground School	84	3
FLT 140	Instrument Flight	112	4
FLT 145	Aviation Safety	30	2
FLT 150	Aviation Law	30	2
FLT 155	Airspace Systems and Operations	56	2
FLT 160	Instrument Pilot Check Ride	14	.5
FLT 165	Intro to Unmanned Flight	28	1
CMST 101	Foundations of Communication	45	3
	Total	399	17.5

## Aviation • Professional Fixed Wing Pilot • Page 2

## **Certified Flight Instructor Option**





## Second Year – Fall Semester

Course Number	Course Title		<b>Clock Hours</b>	Credits
FLT 200	Aviation Seminar		60	4
FLT 215	Commercial Cross Country Flight		168	6
FLT 220	Commercial Pilot Ground School		56	2
FLT 225	Advanced Aircraft Systems		45	3
Selected Communications Course (Choose one)				
COMM 101 – Communications and Career Strategies		45	3	
ENGL 101 – Con	nposition * (CSS 100 – Career Search Strategies .5 credit)			
	Т	otal	374	18

### **Second Year – Spring Semester**

Course Number	Course Title	Clock Hours	Credits
FLT 255	Multiengine Flight	28	1
FLT 260	Check Ride Prep	14	.5
FLT 265	Multiengine Pilot Commercial Check Ride	14	.5
FLT 276	CFI SEL Maneuvers	42	1.5
FLT 280	CFI I Check Ride	14	.5
FLT 287	CFI II Check Ride	28	1
FLT 290	Fundamentals of Instruction	45	3
Selected Behavi	oral Science Course (Choose one)		
PSYC 100 – Psychology of Human Relations		45	3
PSYC 101 – Gen	eral Psychology *		
Selected Social	Science Course (Choose one)		
ECON 105 – Leadership in the Global Workplace		45	3
ECON 201 – Pri	nciples of Microeconomics I *		
ECON 202 – Pri	nciples of Macroeconomics II *		
SOC 100 – Intro	duction to Sociology *		
	Total	275	14

# Aviation • Professional Fixed Wing Pilot • Page 3 Certified Flight Instructor Option Semester Course Outline • 2024 – 2025 • Revised: 2/28/24



- Students will select a course in each of the areas listed to meet general education requirements. Courses marked with an asterisk (\*) can be transferred directly to the university system. Students should speak with an advisor before doing so.
- Students who select to take transferable communications course CMST 101 or ENGL 101, must also register for CSS 100 – Career Search Strategies for .5 credit. This curriculum is required for all Lake Area Tech graduates and is included in the COMM 101 course but is separate from the university system.

#### **Optional Courses (Dual Credit Students)**

FLT 102 – Intro to Unmanned Aerial System 3 Credits 84 Clock Hours FLT 132 – Advanced Unmanned Aerial System 3 Credits 84 Clock Hours