

Technology Delivered Degrees/Utah Valley State College
BS, Aviation Science

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 General Information: 801.863.7841 Global Aviation Call Center

Program Description: This program is designed for those interested in working as pilots and/or aviation/aerospace personnel in highly technical and practical scientific environment. Those who have completed their associates degrees should be qualified to enter into this program. Graduates of this degree are qualified to be hired by a major airline after obtaining adequate flight hours. They are also qualified to be corporate and military pilots.

Admission Requirements: Associates: High school diploma or equivalent. Each applicant must supply his/her test scores in English and Math assessment tests. Those with English as a second language must complete TOEFL testing. Students must have taken at least 25 credit hours in aviation approved courses. 30 credit hours must have been taken via internet through UVSC.

Bachelor Completion: An associate's degree in an appropriate discipline. Students may need to take pre-specialization business classes, and then apply for advanced standing in the College of Technology, Trades and Industry. Transfer credit or previous coursework must be evaluated before admission is approved. Students wishing to transfer less than 30 credits must submit high school transcripts, ACT/SAT scores, and an admissions application.

Bachelors: A student can get their bachelors degree by completing all of the required courses (both lower division and upper division) found on the grid below.

Graduation Requirements: A minimum of 120 semester Credit Hours* with a minimum cumulative GPA of 2.0. Student must fulfill UVSC's general education requirements. Students must obtain a Commercial Pilot Certificate in order to qualify for graduation
 *UVSC requires 30 Credit Hours be taken through their institution, 10 of which must have been within the last 45 hours.

Real Time Requirements: None.

Delivery Formats Used/Semesters Delivered: UVSC offers classes online, broadcast on KULC Channel 9 and its translators, Video Home Viewing, with a limited number of classes offered over EDNET to Utah County receive sites. See grid below for details or visit <http://www.uvsc.edu/uvnet/>.

Required Courses (Does NOT include General Education core)						
Course Number	Course Title	Cr Hr	Gen Ed Status	Delivery Format	Semesters Offered	Prerequisites
Lower Division Courses						
AVSC 1010	Survey of Aviation Science	2		I	ALL	
AVSC 1100	Ground: Private Pilot	3		I	ALL	
AVSC 1110	Flight: Private Pilot Certification	3		I	ALL	
AVSC 1220	Ground: Commercial Pilot - Phase I	1		I	ALL	AVSC 1100, 1110
AVSC 1230	Flight: Commercial Pilot - Phase I	3		I	ALL	AVSC 1100, 1110, & Private Pilot Certificate
AVSC 1240	Ground: Instrument Pilot	2		I	ALL	AVSC 1100, 1110
AVSC 1250	Flight: Instrument Pilot Rating	2		I	ALL	AVSC 1100, 1110 & Private Pilot Certificate
AVSC 2150	Air Transportation Management	3		I	ALL	
AVSC 2160	Aviation Law	3		I	ALL	
AVSC 2300	Ground: Commercial Pilot - Phase II	2		I	ALL	AVSC 1220, & AVSC 1230
AVSC 2310	Flight: Commercial Pilot - Phase II	3		I	ALL	AVSC 1220 & AVSC 1230 Private Pilot Certificate
AVSC 2330	Theory of Instruction	1		I	ALL	Comm. Pilot exp/Permission of Instr.
AVSC 2400	Ground: Certified Flight	3		I	ALL	AVSC 2300, AVSC 2310 &

	Instructor					AVSC 2330
AVSC 2410	Flight: Certified Flight Instructor	1		I	ALL	AVSC 2300, AVSC 2310 & AVSC 2330 & Commercial Certificate
AVSC 2420	Ground: CFI Instrument	1		I	ALL	AVSC 2400 & AVSC 2410
AVSC 2430	Flight: CFI Instrument	1		I	ALL	AVSC 2400 & AVSC 2410 & CFI Certificate
AVSC 2440	Ground: Multi-Engine	1		I	ALL	Instructor Recommendation
AVSC 2450	Flight: Multi-Engine	1		I	ALL	Instructor Recommendation & Private Pilot Certificate
AVSC 2500	Ground: Multi-Engine Instructor	1		I	ALL	AVSC 2410 & AVSC 2450
AVSC 2510	Flight: Multi-Engine Instructor	1		I	ALL	AVSC 2410 & AVSC 2450 & Multi Engine Rating
AVSC 281R	Co-Op Work Experience	6		I	ALL	Co-requisite AVSC 285 R
AVSC 285R	Co-Op Correlated Class	1		I	ALL	Co-requisite AVSC 281 R
Upper Division Courses						
AVSC 3010	Flight Environment	3		I	ALL	Commercial Pilot License
AVSC 3030	Air Traffic Control	3		I	ALL	
AVSC 3200	Flight Physiology	3		I	ALL	
AVSC 3300	Jet Transport System	3		I	ALL	AVSC 2440, Commercial Pilot Certificate
AVSC 3400	High Altitude Navigation/Int'l Flight Ops	3		I	ALL	AVSC 3300
AVSC 3530	Advanced Aerodynamics	3		I	ALL	AVSC 3300
AVSC 3600	Crew Resource Management/Human Fact	3		I	ALL	Commercial Pilot Certificate
AVSC 4200	Ground: Turbine Transition	3		I	ALL	AVSC 3300, AVSC 3530
AVSC 4210	Flight: Turbine Transition	1		I	ALL	AVSC 4200 (Co-requisite)
AVSC 4300	Airline Transport Pilot / Aircraft Dispatcher	3		I	ALL	Commercial Pilot Certificate Instr. Rating
AVSC 4310	Airline Transport Pilot	1		I	ALL	AVSC 4300 (Co-requisite)
AVSC 481R	Cooperative Work Experience	TBA		I	ALL	Instr. Approval, AVSC 485R (Co-requisite)
AVSC 485R	Co-op Related Class	1		I	ALL	Instr. Approval, AVSC 481R (co-requisite)
AVSC 490R	Safety and Professional Seminar	2		I	ALL	Matriculation into Aviation B.S. program
AVSC 491R	Undergraduate Research Report	TBA		I	ALL	Department Approval

LEGEND General Education Status: C – Composition AI – American Institutions QR – Quantitative Reasoning FA – Fine Arts SS – Social Science H – Humanities LS & PS – Life and Physical Science IR – Institutional Requirement **Delivery Format:** B – Broadcast TV Viewing C – CD ROM E – EDNET/Satellite I – Internet IP – IP Video (H.323) IS – Independent Study TW – TeleWeb V – VideoHome **Semesters:** S – Spring U – Summer F – Fall O – Open Entry/Open Exit ALL – Generally offered all semesters ARR -- Offered at least once every three years, more frequently depending on demand; see advisor for current annual schedule.