

CATALOG ADDENDUM
2019-2020

CHARTER COLLEGE

CHARTER INSTITUTE

A Division of Charter College

PROGRAMS OF STUDY - INACTIVE

CERTIFICATE IN MEDICAL ASSISTANT

DELIVERY METHOD: BLENDED

CAMPUS: FARMINGTON

LENGTH: 40 WEEKS

NOTE: THE COLLEGE IS NOT ACCEPTING NEW ENROLLMENTS IN THIS PROGRAM VERSION.

The Certificate in Medical Assistant program provides the technical skills and work habits required to seek entry-level positions as Medical Assistants. The computer technology and word processing facets of the curriculum enhance students' potential for employment. Prior to graduation, students are required to complete a 180-hour externship program at a local clinic, physician's office, hospital, HMO (Health Maintenance Organization), or other allied health ambulatory facility. In addition to attendance in all courses, students will be required to complete out-of-class assignments. These assignments include but are not limited to reading, exercises and problem solving, projects, research, papers, and presentations. A student can anticipate out-of-class activities that equal about two (2) hours for every one (1) hour of lecture. Upon successful completion of the program (see Graduation Requirements section of the catalog), students could seek or obtain entry-level employment in a medical assistant related field.

PROGRAM OUTCOMES

Upon successful completion of this program, graduates should be able to:

1. Upon successful completion of this program, graduates should be able to: demonstrate the importance of professionalism, communication, and collaboration skills in the professional setting.
2. Identify and describe the legal and ethical standards, guidelines, and regulations pertinent to the medical fields and medical assisting.
3. Explain the knowledge, skills, and professional behavior necessary to perform as a competent entry level medical assistant in a variety of settings.
4. Demonstrate professional communication skills using both the written and spoken word.
5. Demonstrate the clinical skills, diagnostic procedures, and appropriate operational functions of medical assisting as defined by state and local regulations and/or licensure requirements.
6. Explain and perform appropriate administrative tasks effectively.

Course Code	Course Title	Contact Hours	Quarter Credit Hours
AH1400	Compliance in Healthcare Environments ²	45	4.5
MA1120	Administrative Procedures	55	4.5
MA1320	Patient Care Concepts	55	4.5
MA1340	Specimen Collection and Analysis	55	4.5
MA1420	Minor Surgical Procedures	55	4.5
MA1520	Pharmacology	55	4.5
MA1620	Medical Office Emergencies	55	4.5
MA1640	Cardiac Care	55	4.5
MA1990	Medical Assistant Externship ³	180	6.0
MED1115	Medical Terminology Fundamentals ²	45	4.5
MED1151	Functions of Health Records Management ²	45	4.5
MOA1102	Medical Insurance Processing and Coding ²	55	4.5
SS1001	Student Success Strategies ¹	45	4.5
SS1110	Technology Fundamentals ¹	50	4.5
SS1210	Professional Success Strategies ²	45	4.5
	Grand Total	895	69.0

¹This course is taught on-ground, blended, or online.

²This course is taught online.

³This course is completed off-site at an externship facility.

CERTIFICATE IN WELDING

DELIVERY METHOD: BLENDED

CAMPUS: ANCHORAGE, VANCOUVER

LENGTH: 40 WEEKS

NOTE: THE COLLEGE IS NOT ACCEPTING NEW ENROLLMENTS IN THIS PROGRAM VERSION. RE-ENTRY AND MATRICULATING STUDENTS WILL BE ADVISED IF THEY ARE SCHEDULED FOR THE UPDATED PROGRAM VERSION.

The Certificate in Welding program is an exploration of basic welding methods. The welding program provides instruction and practice in safety processes, the fitting and metalworking processes, blueprint reading, and fabrication skills necessary for entry level positions in a variety of welding settings, including repair shops, construction, facility maintenance, and manufacturing. In addition to attendance in all courses, students will be required to complete out-of-class assignments. These assignments include but are not limited to reading, exercises and problem solving, projects, research, papers, and presentations. A student can anticipate out-of-class activities that equal about two (2) hours for every one (1) hour of lecture. Upon successful completion of the program (see *Graduation Requirements* section of the catalog), students could seek or obtain entry-level employment in a welding related field.

PROGRAM OUTCOMES

Upon successful completion of this program, graduates should be able to:

1. Identify the importance of professionalism, communication, and collaboration skills in a professional setting.
2. Demonstrate basic industry safety practices, rules and regulations in the welding field.
3. Demonstrate the knowledge, skills, and abilities necessary to complete basic welding practices.

Course Code	Course Title	Contact Hours	Quarter Credit Hours
WE1110	Welding Safety and Equipment ⁴	45	4.5
WE1210	Trades Math and Welding Details ⁴	45	4.5
WE1310	Basic Welding ³	55	4.5
WE1320	Cutting Procedures ³	55	4.5
WE1340	Beads and Fillet Welds ³	55	4.5
WE1350	Groove Welds and Joint Fit ³	55	4.5
WE1410	Open V-Groove Welds I: Flat and Horizontal ³	55	4.5
WE1420	Open V-Groove Welds II: Vertical and Overhead ³	55	4.5
WE1430	Open-Root V-Groove Pipe Welds ³	55	4.5
WE1510	Gas Metal Arc Welding ³	55	4.5
WE1520	Flux-Cored Arc Welding ³	55	4.5
WE1530	Shielded Metal Arc Welding: Pipe ³	55	4.5
WE1540	Gas Tungsten Arc Welding ³	55	4.5
SS1001	Student Success Strategies ¹	45	4.5
SS1110	Technology Fundamentals ¹	50	4.5
SS1210	Professional Success Strategies ²	45	4.5
	Grand Total	835	72.0

¹This course is taught on-ground, blended, or online.

²This course is taught online.

³This course is taught on-ground.

⁴This course is taught blended.

WE1430 OPEN-ROOT V-GROOVE PIPE WELDS

4.5 QUARTER CREDIT HOURS

PREREQUISITES: WE1110 WELDING SAFETY AND EQUIPMENT, WE1210 TRADES MATH AND WELDING DETAILS, WE1310 BASIC WELDING, WE1320 CUTTING PROCEDURES

This course provides students with an understanding of how to prepare shielded metal arc welding (SMAW) equipment for open-root V-groove pipe welds. In addition, students will be given instruction on how to make open-root V-groove pipe welds in all positions using SMAW equipment. Safety precautions and procedures and use of personal protection equipment will be emphasized and practiced throughout the course.

WE1530 SHIELDED METAL ARC WELDING: PIPE

4.5 QUARTER CREDIT HOURS

PREREQUISITES: WE1110 WELDING SAFETY AND EQUIPMENT, WE1210 TRADES MATH AND WELDING DETAILS, WE1310 BASIC WELDING, WE1320 CUTTING PROCEDURES

This course provides students with an understanding of how to prepare shielded metal arc welding (SMAW) equipment for open-root V-groove pipe welds. In addition, students will be given instruction on how to make open-root V-groove pipe welds in all positions using SMAW equipment. Safety precautions and procedures and use of personal protection equipment will be emphasized and practiced throughout the course.

BACHELOR OF SCIENCE IN AVIATION: CONCENTRATION IN FIXED WING

DELIVERY METHOD: BLENDED

CAMPUS: OXNARD

LENGTH: 120 WEEKS

NOTE: CHARTER COLLEGE IS NOT ACCEPTING NEW APPLICATIONS OR NEW ENROLLMENTS IN THE PROGRAM. RE-ENTRY STUDENTS MUST MEET ELIGIBILITY REQUIREMENTS TO RETURN.

The Bachelor of Science in Aviation: Concentration in Fixed Wing program provides students with the knowledge, technical skills, and practical training to seek entry-level employment in the field of commercial aviation. These courses enhance a student's understanding of flight, safety, regulations, and awareness of the factors of flight. Aviation, the flying or operating of aircraft, starts on the ground in the classroom and evolves into the intricate skill set of flying aircraft. Technical, critical thinking, and problem solving skills support students throughout the process of obtaining the various pilot credentials. Piloting spans many commercial aviation occupations such as airline pilot, agricultural pilot, cargo pilot, recreational pilot, or private pilot. The flight lab portion will provide the flight hours necessary for a student to complete the knowledge exams as prescribed by the Federal Aviation Administration (FAA). In addition to attendance in all courses, students will be required to complete out-of-class assignments. These assignments include, but are not limited to reading, exercises and problem solving, projects, research, papers, and presentations. A student can anticipate out-of-class activities that equal about two (2) hours for every one (1) hour of lecture, and about one (1) hour for every one (1) hour of lab. Graduates who choose to work as commercial airplane pilots or certified flight instructors in any of the many areas of the aviation industry must successfully pass knowledge exams for Private Pilot License, Commercial Pilot License, Instrument Rating, and Certified Flight Instructor Rating as regulated by the FAA.

PROGRAM OUTCOMES

Upon successful completion of this program, graduates should be able to:

1. Demonstrate an understanding of aviation and navigation.
2. Apply knowledge in aviation to adapt to emerging aviation trends.
3. Analyze the role of aviation safety and human factors to the aviation industry.
4. Describe meteorology as it relates to aviation.
5. Demonstrate an understanding and the appropriate application of aeronautical principles, design characteristics, and operational limitations, for a variety of aircraft as it relates to the student's aviation career goals.
6. Communicate effectively using both written and verbal skills.
7. Demonstrate proficiency in math computation for aviation and modern society.
8. Demonstrate effective skills in the use of computers and aviation related technology.

DISCLOSURE

Upon earning the Private Pilot License from the FAA, which is completed in the Bachelor of Science in Aviation: Concentration in Fixed Wing program, students will be transferred to the Bachelor of Science in Aeronautics: Concentration in Fixed Wing.

Course Code	Course Title	Contact Hours	Quarter Credit Hours
Concentration Requirements			
AV1120	Ground School - Private Pilot - Fixed Wing ¹	35	3.5
AV1130	Ground School - Commercial Pilot - Fixed Wing ¹	35	3.5
AV1140	Aviation Navigation	45	4.5
AV1150	Aircraft Systems and Components	45	4.5
AV1160	Ground School - Instrument Rating- Fixed Wing ¹	30	3.0

AV1170	Aviation Safety and Human Factors	45	4.5
AV2230	Aerodynamics and Aircraft Performance	45	4.5
AV2235	Aviation Law and Regulations	45	4.5
AV2245	Aviation Meteorology	45	4.5
AV2250	Ground School - Certified Flight Instructor - Fixed Wing ¹	40	4.0
AV2265	Commercial Aviation	45	4.5
AV2275	Aviation Physiology	45	4.5
AV2285	Crew Resource Management	45	4.5
AV2295	Air Traffic Control and Airspace	45	4.5
AV2910	Flight Lab - Private Pilot - Fixed Wing ¹	20	1.0
AV2920	Flight Lab - Private Pilot - Fixed Wing ¹	30	1.5
AV2930	Flight Lab - Instrument Rating - Fixed Wing ¹	30	1.5
AV2940	Flight Lab - Instrument Rating - Fixed Wing ¹	20	1.0
AV2950	Flight Lab - Commercial Pilot - Fixed Wing ¹	30	1.5
AV2960	Flight Lab - Commercial Pilot - Fixed Wing ¹	30	1.5
AV2970	Flight Lab - Commercial Pilot - Fixed Wing ¹	30	1.5
AV2980	Flight Lab - Commercial Pilot - Fixed Wing ¹	30	1.5
AV2990	Flight Lab - Certified Flight Instructor - Fixed Wing ¹	30	1.5
AV3310	Physics: Aircraft Performance and Aerodynamics	45	4.5
AV3320	Aviation Security	45	4.5
AV3330	Applied Aviation Meteorology	45	4.5
AV3340	Aviation Communication	45	4.5
AV3350	Aviation Flight Path Management	45	4.5
AV4400	Introduction to Airport and Airline Management	45	4.5
AV4410	Navigation Systems and International Flight Operations	45	4.5
AV4420	Introduction to Jet Turbines	45	4.5
AV4430	Aviation Decision Making and Risk Management	45	4.5
AV4440	Aviation Safety Management System	45	4.5
BA2025	Leadership and Team Management	50	4.5
BA4220	Managing Conflict: Dispute Resolution	45	4.5
SS1001	Student Success Strategies	45	4.5
SS1110	Technology Fundamentals	50	4.5
SS1210	Professional Success Strategies	45	4.5
	Total	1524	139.0
	General Education Requirements		
GE2002	Psychology	45	4.5
GE2110	College Mathematics	50	4.5
GE2210	Environmental Science	55	4.5
GE2310	Written and Oral Communication Practices	45	4.5
GE2410	Ethical Principles Across Societies	45	4.5
GE2510	Introduction to Sociology	45	4.5
GE3110	College Algebra	50	4.5
GE3210	Scientific Discovery	45	4.5
GE3310	Interpersonal Communication	50	4.5
GE3330	Advanced Written and Oral Communication Practices	45	4.5
GE3410	Logic and Reasoning	45	4.5
GE3510	Macroeconomics	45	4.5
GE4560	Economic Performance, Political Structures, and Personal Responsibility	45	4.5
	Total	610	58.5
	Grand Total	2135	197.5

¹This course is facilitated at the flight partner location.

BACHELOR OF SCIENCE IN AERONAUTICS: CONCENTRATION IN FIXED WING

DELIVERY METHOD: BLENDED

CAMPUS: OXNARD

LENGTH: 120 WEEKS

NOTE: CHARTER COLLEGE IS NOT ACCEPTING NEW APPLICATIONS OR NEW ENROLLMENTS IN THE PROGRAM. RE-ENTRY STUDENTS MUST MEET ELIGIBILITY REQUIREMENTS TO RETURN.

The Bachelor of Science in Aeronautics: Concentration in Fixed Wing program provides students with the knowledge, technical skills, and practical training to seek entry-level employment in the field of commercial aviation. These courses enhance a student's understanding of flight, safety, regulations, and awareness of the factors of flight. Aeronautics, the science of dealing with the operation of aircraft, starts on the ground in the classroom and evolves into the intricate skill set of flying aircraft. Technical, critical thinking, and problem solving skills support students throughout the process of obtaining the various pilot credentials. Piloting spans many commercial aviation occupations such as airline pilot, agricultural pilot, cargo pilot, recreational pilot, or private pilot. The flight lab portion will provide the flight hours necessary for a student to complete the knowledge exams as prescribed by the Federal Aviation Administration (FAA). In addition to attendance in all courses, students will be required to complete out-of-class assignments. These assignments include, but are not limited to reading, exercises and problem solving, projects, research, papers, and presentations. A student can anticipate out-of-class activities that equal about two (2) hours for every one (1) hour of lecture, and about one (1) hour for every one (1) hour of lab. Graduates who choose to work as commercial pilots or certified flight instructors in any of the many areas of the aviation industry must successfully pass knowledge exams for Private Pilot License, Commercial Pilot License, Instrument Rating, and Certified Flight Instructor Rating, as regulated by the FAA.

PROGRAM OUTCOMES

Upon successful completion of this program, graduates should be able to:

1. Demonstrate an understanding of aviation and navigation.
2. Apply knowledge in aviation to adapt to emerging aviation trends.
3. Analyze the role of aviation safety and human factors to the aviation industry.
4. Describe meteorology as it relates to aviation.
5. Demonstrate an understanding and the appropriate application of aeronautical principles, design characteristics, and operational limitations, for a variety of aircraft as it relates to the student's aviation career goals.
6. Communicate effectively using both written and verbal skills.
7. Demonstrate proficiency in math computation for aviation and modern society.
8. Demonstrate effective skills in the use of computers and aviation related technology.

DISCLOSURE

Upon earning the Private Pilot License from the FAA, which is completed in the Bachelor of Science in Aviation: Concentration in Fixed Wing program, students will be transferred to the Bachelor of Science in Aeronautics: Concentration in Fixed Wing.

Course Code	Course Title	Contact Hours	Quarter Credit Hours
Concentration Requirements			
AV1130	Ground School - Commercial Pilot - Fixed Wing ¹	35	3.5
AV1140	Aviation Navigation	45	4.5
AV1150	Aircraft Systems and Components	45	4.5
AV1160	Ground School - Instrument Rating- Fixed Wing ¹	30	3.0
AV1170	Aviation Safety and Human Factors	45	4.5
AV2230	Aerodynamics and Aircraft Performance	45	4.5
AV2235	Aviation Law and Regulations	45	4.5
AV2245	Aviation Meteorology	45	4.5
AV2250	Ground School - Certified Flight Instructor - Fixed Wing ¹	40	4.0
AV2265	Commercial Aviation	45	4.5
AV2275	Aviation Physiology	45	4.5
AV2285	Crew Resource Management	45	4.5
AV2295	Air Traffic Control and Airspace	45	4.5

AV2930	Flight Lab - Instrument Rating - Fixed Wing ¹	30	1.5
AV2940	Flight Lab - Instrument Rating - Fixed Wing ¹	20	1.0
AV2950	Flight Lab - Commercial Pilot - Fixed Wing ¹	30	1.5
AV2960	Flight Lab - Commercial Pilot - Fixed Wing ¹	30	1.5
AV2970	Flight Lab - Commercial Pilot - Fixed Wing ¹	30	1.5
AV2980	Flight Lab - Commercial Pilot - Fixed Wing ¹	30	1.5
AV2990	Flight Lab - Certified Flight Instructor - Fixed Wing ¹	30	1.5
AV3310	Physics: Aircraft Performance and Aerodynamics	45	4.5
AV3320	Aviation Security	45	4.5
AV3330	Applied Aviation Meteorology	45	4.5
AV3340	Aviation Communication	45	4.5
AV3350	Aviation Flight Path Management	45	4.5
AV4400	Introduction to Airport and Airline Management	45	4.5
AV4410	Navigation Systems and International Flight Operations	45	4.5
AV4420	Introduction to Jet Turbines	45	4.5
AV4430	Aviation Decision Making and Risk Management	45	4.5
AV4440	Aviation Safety Management System	45	4.5
BA2025	Leadership and Team Management	50	4.5
BA4220	Managing Conflict: Dispute Resolution	45	4.5
SS1001	Student Success Strategies	45	4.5
SS1110	Technology Fundamentals	50	4.5
SS1210	Professional Success Strategies	45	4.5
	Total	1440	133.0
	General Education Requirements		
GE2002	Psychology	45	4.5
GE2110	College Mathematics	50	4.5
GE2210	Environmental Science	55	4.5
GE2310	Written and Oral Communication Practices	45	4.5
GE2410	Ethical Principles Across Societies	45	4.5
GE2510	Introduction to Sociology	45	4.5
GE3110	College Algebra	50	4.5
GE3210	Scientific Discovery	45	4.5
GE3310	Interpersonal Communication	50	4.5
GE3330	Advanced Written and Oral Communication Practices	45	4.5
GE3410	Logic and Reasoning	45	4.5
GE3510	Macroeconomics	45	4.5
GE4560	Economic Performance, Political Structures, and Personal Responsibility	45	4.5
	Total	610	58.5
	Grand Total	2050	191.5

¹This course is facilitated at the flight partner location.

BACHELOR OF SCIENCE IN AVIATION: CONCENTRATION IN ROTOR

DELIVERY METHOD: BLENDED

CAMPUS: OXNARD

LENGTH: 120 WEEKS

NOTE: CHARTER COLLEGE IS NOT ACCEPTING NEW APPLICATIONS OR NEW ENROLLMENTS IN THE PROGRAM. RE-ENTRY STUDENTS MUST MEET ELIGIBILITY REQUIREMENTS TO RETURN.

The Bachelor of Science in Aviation: Concentration in Rotor program provides students with the knowledge, technical skills, and practical training to seek entry-level employment in the field of commercial aviation. The courses enhance a student's understanding of flight, safety, regulations, and awareness of the factors of flight. Aviation, the flying or operating of aircraft, starts on the ground in the classroom and evolves into the intricate skill set of flying aircraft. Technical, critical thinking, and problem solving skills support students throughout the process of obtaining the various pilot credentials. The flight lab portion will provide the flight hours necessary for a student to complete the knowledge exams as prescribed by the Federal Aviation Administration (FAA). In addition to attendance in all courses, students will be required to complete out-of-class assignments. These assignments include but are not limited to reading, exercises and problem solving, projects, research, papers, and presentations. A student can anticipate out-of-class activities that equal about two (2) hours for every one (1) hour of lecture, and about one (1) hour for every one (1) hour of lab. Graduates who choose to work as commercial helicopter pilots or certified flight instructors must successfully pass knowledge exams for Private Pilot License, Commercial Pilot License, Instrument Rating, and Certified Flight Instructor Rating as regulated by the FAA.

PROGRAM OUTCOMES

Upon successful completion of this program, graduates should be able to:

1. Demonstrate an understanding of aviation and navigation.
2. Apply knowledge in aviation to adapt to emerging aviation trends.
3. Analyze the role of aviation safety and human factors to the aviation industry.
4. Describe meteorology as it relates to aviation.
5. Demonstrate an understanding and the appropriate application of aeronautical principles, design characteristics, and operational limitations, for a variety of aircraft as it relates to the student's aviation career goals.
6. Communicate effectively using both written and verbal skills.
7. Demonstrate proficiency in math computation for aviation and modern society.
8. Demonstrate effective skills in the use of computers and aviation related technology.

DISCLOSURE

Upon earning the Private Pilot License from the FAA, which is completed in the Bachelor of Science in Aviation: Concentration in Rotor program, students will be transferred to the Bachelor of Science in Aeronautics: Concentration in Rotor.

Course Code	Course Title	Contact Hours	Quarter Credit Hours
Concentration Requirements			
AV1125	Ground School - Private Pilot - Rotor ¹	35	3.5
AV1135	Ground School - Commercial Pilot - Rotor ¹	35	3.5
AV1140	Aviation Navigation	45	4.5
AV1150	Aircraft Systems and Components	45	4.5
AV1165	Ground School - Instrument Rating - Rotor ¹	30	3.0
AV1170	Aviation Safety and Human Factors	45	4.5
AV2230	Aerodynamics and Aircraft Performance	45	4.5
AV2235	Aviation Law and Regulations	45	4.5
AV2245	Aviation Meteorology	45	4.5
AV2255	Ground School - Certified Flight Instructor - Rotor ¹	40	4.0
AV2265	Commercial Aviation	45	4.5
AV2275	Aviation Physiology	45	4.5
AV2285	Crew Resource Management	45	4.5
AV2295	Air Traffic Control and Airspace	45	4.5
AV2915	Flight Lab - Private Pilot - Rotor ¹	20	1.0
AV2925	Flight Lab - Private Pilot - Rotor ¹	20	1.0

AV2935	Flight Lab - Instrument Rating - Rotor ¹	20	1.0
AV2945	Flight Lab - Instrument Rating - Rotor ¹	20	1.0
AV2955	Flight Lab - Commercial Pilot - Rotor ¹	20	1.0
AV2965	Flight Lab - Commercial Pilot - Rotor ¹	20	1.0
AV2975	Flight Lab - Commercial Pilot - Rotor ¹	30	1.5
AV2985	Flight Lab - Commercial Pilot - Rotor ¹	30	1.5
AV2995	Flight Lab - Certified Flight Instructor - Rotor ¹	30	1.5
AV3310	Physics: Aircraft Performance and Aerodynamics	45	4.5
AV3320	Aviation Security	45	4.5
AV3330	Applied Aviation Meteorology	45	4.5
AV3340	Aviation Communication	45	4.5
AV3350	Aviation Flight Path Management	45	4.5
AV4400	Introduction to Airport and Airline Management	45	4.5
AV4410	Navigation Systems and International Flight Operations	45	4.5
AV4420	Introduction to Jet Turbines	45	4.5
AV4430	Aviation Decision Making and Risk Management	45	4.5
AV4440	Aviation Safety Management System	45	4.5
BA2025	Leadership and Team Management	50	4.5
BA4220	Managing Conflict: Dispute Resolution	45	4.5
SS1001	Student Success Strategies	45	4.5
SS1110	Technology Fundamentals	50	4.5
SS1210	Professional Success Strategies	45	4.5
	Total	1485	137.0
	General Education Requirements		
GE2002	Psychology	45	4.5
GE2110	College Mathematics	50	4.5
GE2210	Environmental Science	55	4.5
GE2310	Written and Oral Communication Practices	45	4.5
GE2410	Ethical Principles Across Societies	45	4.5
GE2510	Introduction to Sociology	45	4.5
GE3110	College Algebra	50	4.5
GE3210	Scientific Discovery	45	4.5
GE3310	Interpersonal Communication	50	4.5
GE3330	Advanced Written and Oral Communication Practices	45	4.5
GE3410	Logic and Reasoning	45	4.5
GE3510	Macroeconomics	45	4.5
GE4560	Economic Performance, Political Structures, and Personal Responsibility	45	4.5
	Total	610	58.5
	Grand Total	2095	195.5

¹This course is facilitated at the flight partner location.

BACHELOR OF SCIENCE IN AERONAUTICS: CONCENTRATION IN ROTOR

DELIVERY METHOD: BLENDED

CAMPUS: OXNARD

LENGTH: 120 WEEKS

NOTE: CHARTER COLLEGE IS NOT ACCEPTING NEW APPLICATIONS OR NEW ENROLLMENTS IN THE PROGRAM. RE-ENTRY STUDENTS MUST MEET ELIGIBILITY REQUIREMENTS TO RETURN.

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PROGRAM OUTCOMES

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6. Communicate effectively using both written and verbal skills.
7. Demonstrate proficiency in math computation for aviation and modern society.
8. Demonstrate effective skills in the use of computers and aviation related technology.

DISCLOSURE

Upon earning the Private Pilot License from the FAA, which is completed in the Bachelor of Science in Aviation: Concentration in Rotor program, students will be transferred to the Bachelor of Science in Aeronautics: Concentration in Rotor.

Course Code	Course Title	Contact Hours	Quarter Credit Hours
	Concentration Requirements		
AV1135	Ground School - Commercial Pilot - Rotor ¹	35	3.5
AV1140	Aviation Navigation	45	4.5
AV1150	Aircraft Systems and Components	45	4.5
AV1165	Ground School - Instrument Rating - Rotor ¹	30	3.0
AV1170	Aviation Safety and Human Factors	45	4.5
AV2230	Aerodynamics and Aircraft Performance	45	4.5
AV2235	Aviation Law and Regulations	45	4.5
AV2245	Aviation Meteorology	45	4.5
AV2255	Ground School - Certified Flight Instructor - Rotor ¹	40	4.0
AV2265	Commercial Aviation	45	4.5
AV2275	Aviation Physiology	45	4.5
AV2285	Crew Resource Management	45	4.5
AV2295	Air Traffic Control and Airspace	45	4.5
AV2935	Flight Lab - Instrument Rating - Rotor ¹	20	1.0
AV2945	Flight Lab - Instrument Rating - Rotor ¹	20	1.0

AV2955	Flight Lab - Commercial Pilot - Rotor ¹	20	1.0
AV2965	Flight Lab - Commercial Pilot - Rotor ¹	20	1.0
AV2975	Flight Lab - Commercial Pilot - Rotor ¹	30	1.5
AV2985	Flight Lab - Commercial Pilot - Rotor ¹	30	1.5
AV2995	Flight Lab - Certified Flight Instructor - Rotor ¹	30	1.5
AV3310	Physics: Aircraft Performance and Aerodynamics	45	4.5
AV3320	Aviation Security	45	4.5
AV3330	Applied Aviation Meteorology	45	4.5
AV3340	Aviation Communication	45	4.5
AV3350	Aviation Flight Path Management	45	4.5
AV4400	Introduction to Airport and Airline Management	45	4.5
AV4410	Navigation Systems and International Flight Operations	45	4.5
AV4420	Introduction to Jet Turbines	45	4.5
AV4430	Aviation Decision Making and Risk Management	45	4.5
AV4440	Aviation Safety Management System	45	4.5
BA2025	Leadership and Team Management	50	4.5
BA4220	Managing Conflict: Dispute Resolution	45	4.5
SS1001	Student Success Strategies	45	4.5
SS1110	Technology Fundamentals	50	4.5
SS1210	Professional Success Strategies	45	4.5
	Total	1410	131.5
	General Education Requirements		
GE2002	Psychology	45	4.5
GE2110	College Mathematics	50	4.5
GE2210	Environmental Science	55	4.5
GE2310	Written and Oral Communication Practices	45	4.5
GE2410	Ethical Principles Across Societies	45	4.5
GE2510	Introduction to Sociology	45	4.5
GE3110	College Algebra	50	4.5
GE3210	Scientific Discovery	45	4.5
GE3310	Interpersonal Communication	50	4.5
GE3330	Advanced Written and Oral Communication Practices	45	4.5
GE3410	Logic and Reasoning	45	4.5
GE3510	Macroeconomics	45	4.5
GE4560	Economic Performance, Political Structures, and Personal Responsibility	45	4.5
	Total	610	58.5
	Grand Total	2020	190.0

¹This course is facilitated at the flight partner location.

ASSOCIATE OF APPLIED SCIENCE IN AVIATION: CONCENTRATION IN FIXED WING

DELIVERY METHOD: BLENDED

CAMPUS: OXNARD

LENGTH: 70 WEEKS

NOTE: CHARTER COLLEGE IS NOT ACCEPTING NEW APPLICATIONS OR NEW ENROLLMENTS IN THE PROGRAM. RE-ENTRY STUDENTS MUST MEET ELIGIBILITY REQUIREMENTS TO RETURN.

The Associate of Applied Science in Aviation: Concentration in Fixed Wing program provides students with the knowledge, technical skills, and practical training to seek entry-level employment in the field of commercial aviation. The courses enhance a student's understanding of flight, safety, regulations, and awareness of the factors of flight. The flight lab portion will provide the flight hours necessary for a student to complete the program. In addition to attendance in all courses, students will be required to complete out-of-class assignments. These assignments include but are not limited to reading, exercises and problem solving, projects, research, papers, and presentations. A student can anticipate out-of-class activities that equal about two (2) hours for every one (1) hour of lecture, and about one (1) hour for every one (1) hour of lab. Graduates who choose to work as commercial airplane pilots or certified flight instructors must successfully pass knowledge exams for Private Pilot License, Commercial Pilot License, Instrument Rating, and Certified Flight Instructor Rating as regulated by the Federal Aviation Administration (FAA).

PROGRAM OUTCOMES

Upon successful completion of this program, graduates should be able to:

1. Apply knowledge in aviation to adapt to emerging aviation trends.
2. Analyze the role of aviation safety and human factors to the aviation industry.
3. Describe meteorology as it relates to aviation.
4. Demonstrate an understanding and the appropriate application of aeronautical principles, design characteristics, and operational limitations, for a variety of aircraft as it relates to the student's career goals.
5. Communicate effectively using both written and verbal skills.
6. Demonstrate proficiency in math computation for aviation and modern society.
7. Demonstrate effective skills in the use of computers and aviation related technology.

DISCLOSURE

Upon earning the Private Pilot License from the FAA, which is completed in the Associate of Applied Science in Aviation: Concentration in Fixed Wing program, students will be transferred to the Associate of Applied Science in Commercial Aviation: Concentration in Fixed Wing.

Course Code	Course Title	Contact Hours	Quarter Credit Hours
Concentration Requirements			
AV1120	Ground School - Private Pilot - Fixed Wing ¹	35	3.5
AV1130	Ground School - Commercial Pilot - Fixed Wing ¹	35	3.5
AV1140	Aviation Navigation	45	4.5
AV1150	Aircraft Systems and Components	45	4.5
AV1160	Ground School - Instrument Rating- Fixed Wing ¹	30	3.0
AV1170	Aviation Safety and Human Factors	45	4.5
AV2230	Aerodynamics and Aircraft Performance	45	4.5
AV2235	Aviation Law and Regulations	45	4.5
AV2245	Aviation Meteorology	45	4.5
AV2250	Ground School - Certified Flight Instructor - Fixed Wing ¹	40	4.0
AV2265	Commercial Aviation	45	4.5
AV2275	Aviation Physiology	45	4.5
AV2285	Crew Resource Management	45	4.5
AV2910	Flight Lab - Private Pilot - Fixed Wing ¹	20	1.0
AV2920	Flight Lab - Private Pilot - Fixed Wing ¹	30	1.5
AV2930	Flight Lab - Instrument Rating - Fixed Wing ¹	30	1.5
AV2940	Flight Lab - Instrument Rating - Fixed Wing ¹	20	1.0
AV2950	Flight Lab - Commercial Pilot - Fixed Wing ¹	30	1.5

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AV2960	Flight Lab - Commercial Pilot - Fixed Wing ¹	30	1.5
AV2970	Flight Lab - Commercial Pilot - Fixed Wing ¹	30	1.5
AV2980	Flight Lab - Commercial Pilot - Fixed Wing ¹	30	1.5
AV2990	Flight Lab - Certified Flight Instructor - Fixed Wing ¹	30	1.5
AV2295	Air Traffic Control and Airspace	45	4.5
BA2025	Leadership and Team Management	50	4.5
SS1001	Student Success Strategies	45	4.5
SS1110	Technology Fundamentals	50	4.5
SS1210	Professional Success Strategies	45	4.5
	Total	1030	89.5
General Education Requirements			
GE2002	Psychology	45	4.5
GE2110	College Mathematics	50	4.5
GE2210	Environmental Science	55	4.5
GE2310	Written and Oral Communication Practices	45	4.5
GE2410	Ethical Principles Across Societies	45	4.5
GE2510	Introduction to Sociology	45	4.5
	Total	285	27.0
	Grand Total	1315	116.5

¹This course is facilitated at the flight partner location.

ASSOCIATE OF APPLIED SCIENCE IN COMMERCIAL AVIATION: CONCENTRATION IN FIXED WING

DELIVERY METHOD: BLENDED

CAMPUS: OXNARD, VANCOUVER

LENGTH: 70 WEEKS

NOTE: CHARTER COLLEGE IS NOT ACCEPTING NEW APPLICATIONS OR NEW ENROLLMENTS IN THE PROGRAM. RE-ENTRY STUDENTS MUST MEET ELIGIBILITY REQUIREMENTS TO RETURN.

The Associate of Applied Science in Commercial Aviation: Concentration in Fixed Wing program provides students with the knowledge, technical skills, and practical training to seek entry-level employment in the field of commercial aviation. The courses enhance a student's understanding of flight, safety, regulations, and awareness of the factors of flight. The flight lab portion will provide the flight hours necessary for a student to complete the program. In addition to attendance in all courses, students will be required to complete out-of-class assignments. These assignments include but are not limited to reading, exercises and problem solving, projects, research, papers, and presentations. A student can anticipate out-of-class activities that equal about two (2) hours for every one (1) hour of lecture, and about one (1) hour for every one (1) hour of lab. Graduates who choose to work as commercial airplane pilots or certified flight instructors must successfully pass knowledge exams for Private Pilot License, Commercial Pilot License, Instrument Rating, and Certified Flight Instructor Rating as regulated by the Federal Aviation Administration (FAA).

PROGRAM OUTCOMES

Upon successful completion of this program, graduates should be able to:

1. Apply knowledge in aviation to adapt to emerging aviation trends.
2. Analyze the role of aviation safety and human factors to the aviation industry.
3. Describe meteorology as it relates to aviation.
4. Demonstrate an understanding and the appropriate application of aeronautical principles, design characteristics, and operational limitations, for a variety of aircraft as it relates to the student's career goals.
5. Communicate effectively using both written and verbal skills.
6. Demonstrate proficiency in math computation for aviation and modern society.
7. Demonstrate effective skills in the use of computers and aviation related technology.

DISCLOSURE

Upon earning the Private Pilot License from the FAA, which is completed in the Associate of Applied Science in Aviation: Concentration in Fixed Wing program, students will be transferred to the Associate of Applied Science in Commercial Aviation: Concentration in Fixed Wing.

Course Code	Course Title	Contact Hours	Quarter Credit Hours
Concentration Requirements			
AV1130	Ground School - Commercial Pilot - Fixed Wing ¹	35	3.5
AV1140	Aviation Navigation	45	4.5
AV1150	Aircraft Systems and Components	45	4.5
AV1160	Ground School - Instrument Rating- Fixed Wing ¹	30	3.0
AV1170	Aviation Safety and Human Factors	45	4.5
AV2230	Aerodynamics and Aircraft Performance	45	4.5
AV2235	Aviation Law and Regulations	45	4.5
AV2245	Aviation Meteorology	45	4.5
AV2250	Ground School - Certified Flight Instructor - Fixed Wing ¹	40	4.0
AV2265	Commercial Aviation	45	4.5
AV2275	Aviation Physiology	45	4.5
AV2285	Crew Resource Management	45	4.5
AV2295	Air Traffic Control and Airspace	45	4.5
AV2930	Flight Lab - Instrument Rating - Fixed Wing ¹	30	1.5
AV2940	Flight Lab - Instrument Rating - Fixed Wing ¹	20	1.0
AV2950	Flight Lab - Commercial Pilot - Fixed Wing ¹	30	1.5
AV2960	Flight Lab - Commercial Pilot - Fixed Wing ¹	30	1.5
AV2970	Flight Lab - Commercial Pilot - Fixed Wing ¹	30	1.5
AV2980	Flight Lab - Commercial Pilot - Fixed Wing ¹	30	1.5
AV2990	Flight Lab - Certified Flight Instructor - Fixed Wing ¹	30	1.5
BA2025	Leadership and Team Management	50	4.5
SS1001	Student Success Strategies	45	4.5
SS1110	Technology Fundamentals	50	4.5
SS1210	Professional Success Strategies	45	4.5
	Total	945	83.5
General Education Requirements			
GE2002	Psychology	45	4.5
GE2110	College Mathematics	50	4.5
GE2210	Environmental Science	55	4.5
GE2310	Written and Oral Communication Practices	45	4.5
GE2410	Ethical Principles Across Societies	45	4.5
GE2510	Introduction to Sociology	45	4.5
	Total	285	27.0
	Grand Total	1230	110.5

¹This course is facilitated at the flight partner location.

ASSOCIATE OF APPLIED SCIENCE IN AVIATION: CONCENTRATION IN ROTOR

DELIVERY METHOD: BLENDED

CAMPUS: OXNARD

LENGTH: 70 WEEKS

NOTE: CHARTER COLLEGE IS NOT ACCEPTING NEW APPLICATIONS OR NEW ENROLLMENTS IN THE PROGRAM. RE-ENTRY STUDENTS MUST MEET ELIGIBILITY REQUIREMENTS TO RETURN.

The Associate of Applied Science in Aviation: Concentration in Rotor program provides students with the knowledge, technical skills, and practical training to seek entry-level employment in the field of commercial aviation. The courses enhance a student's understanding of flight, safety, regulations, and awareness of the factors of flight. The flight lab portion of the program will provide the flight hours necessary for a student to complete the program. In addition to attendance in all courses, students will be required to complete out-of-class assignments. These assignments include but are not limited to reading, exercises and problem solving, projects, research, papers, and presentations. A student can anticipate out-of-class activities that equal about two (2) hours for every one (1) hour of lecture, and about one (1) hour for every one (1) hour of lab. Graduates who choose to work as commercial helicopter pilots or certified flight instructors must successfully pass knowledge exams for Private Pilot License, Commercial Pilot License, Instrument Rating, and Certified Flight Instructor Rating as regulated by the Federal Aviation Administration (FAA).

PROGRAM OUTCOMES

Upon successful completion of this program, graduates should be able to:

1. Apply knowledge in aviation to adapt to emerging aviation trends.
2. Analyze the role of aviation safety and human factors to the aviation industry.
3. Describe meteorology as it relates to aviation.
4. Demonstrate an understanding and the appropriate application of aeronautical principles, design characteristics, and operational limitations, for a variety of aircraft as it relates to the student's career goals.
5. Communicate effectively using both written and verbal skills.
6. Demonstrate proficiency in math computation for aviation and modern society.
7. Demonstrate effective skills in the use of computers and aviation related technology.

DISCLOSURE

Upon earning the Private Pilot License from the FAA, which is completed in the Associate of Applied Science in Aviation: Concentration in Rotor, students will be transferred to the Associate of Applied Science in Commercial Aviation: Concentration in Rotor.

Course Code	Course Title	Contact Hours	Quarter Credit Hours
	Concentration Requirements		
AV1125	Ground School - Private Pilot - Rotor ¹	35	3.5
AV1135	Ground School - Commercial Pilot - Rotor ¹	35	3.5
AV1140	Aviation Navigation	45	4.5
AV1150	Aircraft Systems and Components	45	4.5
AV1165	Ground School - Instrument Rating - Rotor ¹	30	3.0
AV1170	Aviation Safety and Human Factors	45	4.5
AV2230	Aerodynamics and Aircraft Performance	45	4.5
AV2235	Aviation Law and Regulations	45	4.5
AV2245	Aviation Meteorology	45	4.5
AV2255	Ground School - Certified Flight Instructor - Rotor ¹	40	4.0
AV2265	Commercial Aviation	45	4.5
AV2275	Aviation Physiology	45	4.5
AV2285	Crew Resource Management	45	4.5
AV2295	Air Traffic Control and Airspace	45	4.5
AV2915	Flight Lab - Private Pilot - Rotor ¹	20	1.0
AV2925	Flight Lab - Private Pilot - Rotor ¹	20	1.0
AV2935	Flight Lab - Instrument Rating - Rotor ¹	20	1.0
AV2945	Flight Lab - Instrument Rating - Rotor ¹	20	1.0

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AV2955	Flight Lab - Commercial Pilot - Rotor ¹	20	1.0
AV2965	Flight Lab - Commercial Pilot - Rotor ¹	20	1.0
AV2975	Flight Lab - Commercial Pilot - Rotor ¹	30	1.5
AV2985	Flight Lab - Commercial Pilot - Rotor ¹	30	1.5
AV2995	Flight Lab - Certified Flight Instructor - Rotor ¹	30	1.5
BA2025	Leadership and Team Management	50	4.5
SS1001	Student Success Strategies	45	4.5
SS1110	Technology Fundamentals	50	4.5
SS1210	Professional Success Strategies	45	4.5
	Total	990	87.5
General Education Requirements			
GE2002	Psychology	45	4.5
GE2110	College Mathematics	50	4.5
GE2210	Environmental Science	55	4.5
GE2310	Written and Oral Communication Practices	45	4.5
GE2410	Ethical Principles Across Societies	45	4.5
GE2510	Introduction to Sociology	45	4.5
	Total	285	27.0
	Grand Total	1275	114.5

¹This course is facilitated at the flight partner location.

ASSOCIATE OF APPLIED SCIENCE IN COMMERCIAL AVIATION: CONCENTRATION IN ROTOR

DELIVERY METHOD: BLENDED

CAMPUS: OXNARD

LENGTH: 70 WEEKS

NOTE: CHARTER COLLEGE IS NOT ACCEPTING NEW APPLICATIONS OR NEW ENROLLMENTS IN THE PROGRAM. RE-ENTRY STUDENTS MUST MEET ELIGIBILITY REQUIREMENTS TO RETURN.

The Associate of Applied Science in Commercial Aviation: Concentration in Rotor program provides students with the knowledge, technical skills, and practical training to seek entry-level employment in the field of commercial aviation. The courses enhance a student's understanding of flight, safety, regulations, and awareness of the factors of flight. The flight lab portion of the program will provide the flight hours necessary for a student to complete the program. In addition to attendance in all courses, students will be required to complete out-of-class assignments. These assignments include but are not limited to reading, exercises and problem solving, projects, research, papers, and presentations. A student can anticipate out-of-class activities that equal about two (2) hours for every one (1) hour of lecture, and about one (1) hour for every one (1) hour of lab. Graduates who choose to work as commercial helicopter pilots or certified flight instructors must successfully pass knowledge exams for Private Pilot License, Commercial Pilot License, Instrument Rating, and Certified Flight Instructor Rating as regulated by the Federal Aviation Administration (FAA).

PROGRAM OUTCOMES

Upon successful completion of this program, graduates should be able to:

1. Apply knowledge in aviation to adapt to emerging aviation trends.
2. Analyze the role of aviation safety and human factors to the aviation industry.
3. Describe meteorology as it relates to aviation.
4. Demonstrate an understanding and the appropriate application of aeronautical principles, design characteristics, and operational limitations, for a variety of aircraft as it relates to the student's career goals.
5. Communicate effectively using both written and verbal skills.
6. Demonstrate proficiency in math computation for aviation and modern society.
7. Demonstrate effective skills in the use of computers and aviation related technology.

DISCLOSURE

Upon earning the Private Pilot License from the FAA, which is completed in the Associate of Applied Science in Aviation: Concentration in Rotor, students will be transferred to the Associate of Applied Science in Commercial Aviation: Concentration in Rotor.

Course Code	Course Title	Contact Hours	Quarter Credit Hours
Concentration Requirements			
AV1135	Ground School - Commercial Pilot - Rotor ¹	35	3.5
AV1140	Aviation Navigation	45	4.5
AV1150	Aircraft Systems and Components	45	4.5
AV1165	Ground School - Instrument Rating - Rotor ¹	30	3.0
AV1170	Aviation Safety and Human Factors	45	4.5
AV2230	Aerodynamics and Aircraft Performance	45	4.5
AV2235	Aviation Law and Regulations	45	4.5
AV2245	Aviation Meteorology	45	4.5
AV2255	Ground School - Certified Flight Instructor - Rotor ¹	40	4.0
AV2265	Commercial Aviation	45	4.5
AV2275	Aviation Physiology	45	4.5
AV2285	Crew Resource Management	45	4.5
AV2295	Air Traffic Control and Airspace	45	4.5
AV2935	Flight Lab - Instrument Rating - Rotor ¹	20	1.0
AV2945	Flight Lab - Instrument Rating - Rotor ¹	20	1.0
AV2955	Flight Lab - Commercial Pilot - Rotor ¹	20	1.0
AV2965	Flight Lab - Commercial Pilot - Rotor ¹	20	1.0
AV2975	Flight Lab - Commercial Pilot - Rotor ¹	30	1.5
AV2985	Flight Lab - Commercial Pilot - Rotor ¹	30	1.5
AV2995	Flight Lab - Certified Flight Instructor - Rotor ¹	30	1.5
BA2025	Leadership and Team Management	50	4.5
SS1001	Student Success Strategies	45	4.5
SS1110	Technology Fundamentals	50	4.5
SS1210	Professional Success Strategies	45	4.5
Total		915	82.0
General Education Requirements			
GE2002	Psychology	45	4.5
GE2110	College Mathematics	50	4.5
GE2210	Environmental Science	55	4.5
GE2310	Written and Oral Communication Practices	45	4.5
GE2410	Ethical Principles Across Societies	45	4.5
GE2510	Introduction to Sociology	45	4.5
Total		285	27.0
Grand Total		1200	109.0

¹This course is facilitated at the flight partner location.

AV1120 GROUND SCHOOL – PRIVATE PILOT – FIXED WING**3.5 QUARTER CREDIT HOURS*****PREREQUISITES: NONE***

This course provides aeronautical knowledge to pass the FAA Private Pilot Knowledge Exam. Aeronautical Information Manual, use of charts for navigation, radio communication, aviation weather, safety, aircraft systems and performance, weight and balance computations, aerodynamics, stall and spin awareness, aeronautical decision-making and preflight preparation are covered.

AV1125 GROUND SCHOOL – PRIVATE PILOT - ROTOR**3.5 QUARTER CREDIT HOURS*****PREREQUISITES: NONE***

Provides aeronautical knowledge to pass the FAA Private Pilot Knowledge Exam. Aeronautical Information Manual, use of charts for navigation, radio communication, aviation weather, safety, aircraft systems and performance, weight and balance computations, aerodynamics, stall and spin awareness, aeronautical decision-making and preflight preparation are covered.

AV1130 GROUND SCHOOL - COMMERCIAL PILOT – FIXED WING**3.5 QUARTER CREDIT HOURS*****PREREQUISITES: PRIVATE PILOT LICENSE***

Provides aeronautical knowledge to pass the FAA Commercial Pilot Knowledge Exam. Consists of 35 classroom hours covering Federal Aviation Regulations, NTSB accident reporting requirements, aerodynamics, meteorology, safe and efficient operation of aircraft, weight and balance computations, performance charts and limitations, complex aircraft systems, maneuvers, and emergency operations. Also includes night and high altitude operations and complex flight maneuvers.

AV1135 GROUND SCHOOL - COMMERCIAL PILOT – ROTOR**3.5 QUARTER CREDIT HOURS*****PREREQUISITES: PRIVATE PILOT LICENSE***

Provides aeronautical knowledge to pass the FAA Commercial Pilot Knowledge Exam. Consists of 35 classroom hours covering Federal Aviation Regulations, NTSB accident reporting requirements, aerodynamics, meteorology, safe and efficient operation of aircraft, weight and balance computations, performance charts and limitations, complex aircraft systems, maneuvers, and emergency operations. Also includes night and high altitude operations and complex flight maneuvers.

AV1140 AVIATION NAVIGATION**4.5 QUARTER CREDIT HOURS*****PREREQUISITES: NONE***

This course will focus on the navigation systems including HSI, RMI, Loran, Doppler, VOR, NDB, and GPS. Students will learn about navigation theory, in-flight emergencies, electronic instrumentation, and advanced flight computing problems. Students will learn flight skills with the use of computer flight simulation applications. Additionally students will learn the radio navigation skills necessary for the instrument pilot.

AV1150 AIRCRAFT SYSTEMS AND COMPONENTS**4.5 QUARTER CREDIT HOURS*****PREREQUISITES: NONE***

A study of aircraft systems and components at the technical level. Areas of study include aircraft electrical, hydraulic, fuel, propeller, and auxiliary systems, including theory of operation, calculations, and related Federal Aviation Regulations.

AV1160 GROUND SCHOOL - INSTRUMENT RATING – FIXED WING**3.0 QUARTER CREDIT HOURS*****PREREQUISITES: NONE***

An introduction to flight under IFR conditions. Course includes basic instrument flying, flight instruments, IFR charts and approach plate, IFR regulations and procedures, ATC clearances and IFR flight planning. Completion of the course will prepare the student for the Instrument Knowledge Exam.

AV1165 GROUND SCHOOL - INSTRUMENT RATING – ROTOR**3.0 QUARTER CREDIT HOURS*****PREREQUISITES: NONE***

An introduction to flight under IFR conditions. Course includes basic instrument flying, flight instruments, IFR charts and approach plate, IFR regulations and procedures, ATC clearances and IFR flight planning. Completion of the course will prepare the student for the Instrument Knowledge Exam.

AV1170 AVIATION SAFETY AND HUMAN FACTORS**4.5 QUARTER CREDIT HOURS****PREREQUISITES: NONE**

This course is an in-depth study of aviation safety, including the causes and investigation practices of aircraft accidents, safety awareness in aviation systems management, and the development of aircraft accident prevention programs. The focus of this course is on the various human, mechanical, and environmental factors that impact aviation safety.

AV2230 AERODYNAMICS AND AIRCRAFT PERFORMANCE**4.5 QUARTER CREDIT HOURS****PREREQUISITES: NONE**

This course will provide the student with a study of the physical principles of airplane aircraft aerodynamics, thereby fostering an appreciation of the factors affecting aircraft performance. Additionally, stability and control, and special flight considerations experienced by commercial pilots will be covered.

AV2235 AVIATION LAW AND REGULATIONS**4.5 QUARTER CREDIT HOURS****PREREQUISITES: NONE**

This course provides a detailed study of the regulations and procedures common to the aviation industry as well as a survey of the legal environment and the standards of conduct required of professional pilots.

AV2245 AVIATION METEOROLOGY**4.5 QUARTER CREDIT HOURS****PREREQUISITES: NONE**

This course introduces the environmental factors that are critical to safe flight operations. Students will be introduced to thermal patterns, horizontal and vertical motion, moisture clouds, precipitation, air masses, fronts, cyclones, thunderstorms and aviation hazards. Additionally, information about meteorological flight planning, use of weather information systems, and reports and charts used for aviation weather reporting and forecasting will be covered.

AV2250 GROUND SCHOOL – CERTIFIED FLIGHT INSTRUCTOR – FIXED WING**4.0 QUARTER CREDIT HOURS****PREREQUISITES: COMMERCIAL PILOT LICENSE**

Consists of studying the learning process, elements of effective teaching, student evaluation and testing, course development, lesson planning and classroom training techniques.

AV2255 - GROUND SCHOOL – CERTIFIED FLIGHT INSTRUCTOR – ROTOR**4.0 QUARTER CREDIT HOURS****PREREQUISITES: COMMERCIAL PILOT LICENSE**

Consists of studying the learning process, elements of effective teaching, student evaluation and testing, course development, lesson planning and classroom training techniques. Provides preparation for the FAA Certified Instructor Knowledge Exam.

AV2265 COMMERCIAL AVIATION**4.5 QUARTER CREDIT HOURS****PREREQUISITES: NONE**

A general survey of the field of aviation business. The course will include a historical overview of the development of aviation and will survey various aspects of the airline industry such as regulation, the organization and management of aviation businesses (particularly airlines), airline marketing, airfreight and modes of competition in the airline and aircraft industry.

AV2275 AVIATION PHYSIOLOGY**4.5 QUARTER CREDIT HOURS****PREREQUISITES: NONE**

This course explores aero- medical information. Topics include causes, symptoms, prevention, and treatment of flight environment disorders. Altitude effects, spatial disorientation, body heat imbalance, visual anomalies, and psychological factors are included as they relate to pilot performance and survival effectiveness.

AV2285 CREW RESOURCE MANAGEMENT**4.5 QUARTER CREDIT HOURS****PREREQUISITES: NONE**

This course is designed to develop a detailed understanding of the organizational behavior, interpersonal relationships skills, and other critical behavioral dynamics of professional flight crews. The history of Crew Resource Management, concepts of communication processes, problem solving, group dynamics, workload management, and situational awareness will be investigated. Aircraft incidents and accidents related to the evolution of Crew Resource Management training programs and FAA regulations will be analyzed. Intrapersonal and psychomotor skills will be addressed as they relate to safe, legal, and efficient flight operations.

AV2295 AIR TRAFFIC CONTROL AND AIRSPACE**4.5 QUARTER CREDIT HOURS****PREREQUISITES: NONE**

This course provides students with a fundamental knowledge of the US Air Traffic Control System (ATC) and information on the NextGen of ATC. Students will learn about duties and responsibilities of those who work in the tower, approach, and center, and how these groups interact as a unit in the ATC. Additionally, radar and non-radar control environments and the pilot's responsibility in each is also covered. Information on FAA's Safety Management System (SMS), and publications, manuals, maps, charts, and regulations used by pilots and air traffic controllers in the National Airspace System (NAS) are discussed.

AV2910 FLIGHT LAB – PRIVATE PILOT – FIXED WING**1.0 QUARTER CREDIT HOURS****COREQUISITES: AV1120 GROUND SCHOOL - PRIVATE PILOT – FIXED WING**

Students must complete 20 of 50 hours of dual and solo flight time for fixed wing training in this course. All flight time will be provided by a participating flight partner who has partnered with Charter College.

AV2915 FLIGHT LAB – PRIVATE PILOT – ROTOR**1.0 QUARTER CREDIT HOURS****COREQUISITES: AV1125 GROUND SCHOOL - PRIVATE PILOT – ROTOR**

Students must complete 20 of 40 hours of dual and solo flight time for rotor training in this course. All flight time will be provided by a participating flight partner who has partnered with Charter College.

AV2920 FLIGHT LAB – PRIVATE PILOT – FIXED WING**1.5 QUARTER CREDIT HOURS****PREREQUISITES: AV1120 GROUND SCHOOL - PRIVATE PILOT – FIXED WING**

Students must complete 30 of 50 hours of dual and solo flight time for fixed wing training in this course. All flight time will be provided by a participating flight partner who has partnered with Charter College.

AV2925 FLIGHT LAB – PRIVATE PILOT – ROTOR**1.0 QUARTER CREDIT HOURS****PREREQUISITES: AV1125 GROUND SCHOOL - PRIVATE PILOT – ROTOR**

Students must complete 20 of 40 hours of dual and solo flight time for rotor training in this course. All flight time will be provided by a participating flight partner who has partnered with Charter College.

AV2930 FLIGHT LAB – INSTRUMENT RATING– FIXED WING**1.5 QUARTER CREDIT HOURS****COREQUISITES: AV1160 GROUND SCHOOL – INSTRUMENT RATING – FIXED WING**

Students must complete 30 of 50 hours of dual and solo flight time for fixed wing training in this course. All flight time will be provided by a participating flight partner who has partnered with Charter College.

AV2935 FLIGHT LAB – INSTRUMENT RATING – ROTOR**1.0 QUARTER CREDIT HOURS****COREQUISITES: AV1165 GROUND SCHOOL – INSTRUMENT RATING – ROTOR**

Students must complete 20 of 40 hours of dual and solo flight time for rotor training in this course. All flight time will be provided by a participating flight partner who has partnered with Charter College.

AV2940 FLIGHT LAB – INSTRUMENT RATING – FIXED WING**1.0 QUARTER CREDIT HOURS****PREREQUISITES: AV1160 GROUND SCHOOL – INSTRUMENT RATING – FIXED WING**

Students must complete 20 of 50 hours of dual and solo flight time for fixed wing training in this course. All flight time will be provided by a participating flight partner who has partnered with Charter College.

AV2945 FLIGHT LAB – INSTRUMENT RATING – ROTOR**1.0 QUARTER CREDIT HOURS****PREREQUISITES: AV1165 GROUND SCHOOL – INSTRUMENT RATING – ROTOR**

Students must complete 20 of 40 hours of dual and solo flight time for rotor training in this course. All flight time will be provided by a participating flight partner who has partnered with Charter College.

AV2950 FLIGHT LAB – COMMERCIAL PILOT – FIXED WING**1.5 QUARTER CREDIT HOURS****COREQUISITES: AV1130 GROUND SCHOOL - COMMERCIAL PILOT – FIXED WING**

Students must complete 30 of 120 hours of dual and solo flight time for fixed wing training in this course. All flight time will be provided by a participating flight partner who has partnered with Charter College.

AV2955 FLIGHT LAB – COMMERCIAL PILOT – ROTOR **1.0 QUARTER CREDIT HOURS**

COREQUISITES: AV1135 GROUND SCHOOL - COMMERCIAL PILOT – ROTOR

Students must complete 20 of 100 hours of dual and solo flight time for rotor training in this course. All flight time will be provided by a participating flight partner who has partnered with Charter College.

AV2960 FLIGHT LAB – COMMERCIAL PILOT – FIXED WING **1.5 QUARTER CREDIT HOURS**

PREREQUISITES: AV1130 GROUND SCHOOL - COMMERCIAL PILOT – FIXED WING

Students must complete 30 of 120 hours of dual and solo flight time for fixed wing training in this course. All flight time will be provided by a participating flight partner who has partnered with Charter College.

AV2965 FLIGHT LAB – COMMERCIAL PILOT – ROTOR **1.0 QUARTER CREDIT HOURS**

PREREQUISITES: AV1135 GROUND SCHOOL - COMMERCIAL PILOT – ROTOR

Students must complete 20 of 100 hours of dual and solo flight time for rotor training in this course. All flight time will be provided by a participating flight partner who has partnered with Charter College.

AV2970 FLIGHT LAB – COMMERCIAL PILOT – FIXED WING **1.5 QUARTER CREDIT HOURS**

PREREQUISITES: AV1130 GROUND SCHOOL - COMMERCIAL PILOT – FIXED WING

Students must complete 30 of 120 hours of dual and solo flight time for fixed wing training in this course. All flight time will be provided by a participating flight partner who has partnered with Charter College.

AV2975 FLIGHT LAB – COMMERCIAL PILOT – ROTOR **1.5 QUARTER CREDIT HOURS**

PREREQUISITES: AV1135 GROUND SCHOOL - COMMERCIAL PILOT – ROTOR

Students must complete 30 of 100 hours of dual and solo flight time for rotor training in this course. All flight time will be provided by a participating flight partner who has partnered with Charter College.

AV2980 FLIGHT LAB – COMMERCIAL PILOT – FIXED WING **1.5 QUARTER CREDIT HOURS**

PREREQUISITES: AV1130 GROUND SCHOOL - COMMERCIAL PILOT – FIXED WING

Students must complete 30 of 120 hours of dual and solo flight time for fixed wing training in this course. All flight time will be provided by a participating flight partner who has partnered with Charter College.

AV2985 FLIGHT LAB – COMMERCIAL PILOT – ROTOR **1.5 QUARTER CREDIT HOURS**

PREREQUISITES: AV1135 GROUND SCHOOL - COMMERCIAL PILOT – ROTOR

Students must complete 30 of 100 hours of dual and solo flight time for rotor training in this course. All flight time will be provided by a participating flight partner who has partnered with Charter College.

AV2990 FLIGHT LAB – CERTIFIED FLIGHT INSTRUCTOR – FIXED WING **1.5 QUARTER CREDIT HOURS**

COREQUISITES: AV2250 GROUND SCHOOL – CERTIFIED FLIGHT INSTRUCTOR – FIXED WING

Students must complete 30 hours of dual and solo flight time for fixed wing training in this course. All flight time will be provided by a participating flight partner who has partnered with Charter College.

AV2995 FLIGHT LAB – CERTIFIED FLIGHT INSTRUCTOR – ROTOR **1.5 QUARTER CREDIT HOURS**

COREQUISITES: AV2255 GROUND SCHOOL – CERTIFIED FLIGHT INSTRUCTOR – ROTOR

Students must complete 30 hours of dual and solo flight time for rotor training in this course. All flight time will be provided by a participating flight partner who has partnered with Charter College.

AV3310 PHYSICS: AIRCRAFT PERFORMANCE AND AERODYNAMICS **4.5 QUARTER CREDIT HOURS**

PREREQUISITES: NONE

This course covers elementary physics, focused on the physics of flight. Stress will be placed on the principles and concepts of physics as they apply to the study of aerospace sciences. Additionally, this course will provide the student with a study of the physical principles of airplane aerodynamics fostering an appreciation of the factors affecting aircraft performance, stability and control, and special flight considerations experienced by commercial pilots.

AV3320 AVIATION SECURITY**4.5 QUARTER CREDIT HOURS****PREREQUISITES: NONE**

This course presents advanced security issues related to aviation including passenger screening, profiling, hijacking, bomb threats and passenger disruptions. Students will study about historical incidents and a variety of responses to threats from various countries. Additionally, the role of the Department of Homeland Security, the Transportation Security Administration, pilots and other flight crew in security, including the Federal Flight Deck Officers Program is covered. Other topic to include a discussion of regulatory issues and laws established since the 9/11 attacks.

AV3330 APPLIED AVIATION METEOROLOGY**4.5 QUARTER CREDIT HOURS****PREREQUISITES: NONE**

This course covers interpretation, selection, and compilation of appropriate weather data. Students will examine METAR, TAF, PIREPS, AIRMET's, SIGMET's and other sources of applicable weather information including how these sources are created by the various agencies. Additionally, the use of sample reports, data, and charts are discussed.

AV3340 AVIATION COMMUNICATION**4.5 QUARTER CREDIT HOURS****PREREQUISITES: NONE**

This course provides instruction and practice in listening and speaking the words and phrases used in pilot-controller-dispatcher radio communication. Emphasis is placed on accuracy and efficiency. Students will learn how to apply the principles of for clear and concise communication as it relate to air traffic control. Additionally, information about how to communicate clearly and concise under pressure are discussed.

AV3350 AVIATION FLIGHT PATH MANAGEMENT**4.5 QUARTER CREDIT HOURS****PREREQUISITES: NONE**

This course covers information on modern flight deck systems for use in flight path management that focuses on technology and automation. Students will learn about the "moving map" and the relationship to relevant navigation waypoints expressed in latitude and longitude. Students will learn about how commercial air carriers safely manage aircraft navigational systems in today's technologically advanced flight environment. Additionally, the components used in the Flight Management System (FMS) and how to prevent pilot entry errors is covered.

AV4400 INTRODUCTION TO AIRPORT AND AIRLINE MANAGEMENT**4.5 QUARTER CREDIT HOURS****PREREQUISITES: NONE**

This course examines the four major areas of air carrier operations, including ground, technical, flight and systems operations, and airline economics. Other topics to include the Federal Air Regulations governing airlines and the operation and administration of commercial airports are also covered in this course. The course will additionally examine the complex element of airport planning and responsibilities of major roles at an airport.

AV4410 NAVIGATION SYSTEMS AND INTERNATIONAL FLIGHT OPERATIONS**4.5 QUARTER CREDIT HOURS****PREREQUISITES: NONE**

This course covers the advanced navigation systems of commercial aircraft; investigates FAR Part 121 domestic and flag regulations, and evaluate their impact on long-range domestic and international flights. Information covering the operation of the modern "Glass Cockpit" and its associated flight management systems (FMS), and the challenges associated with high altitude flying is discussed.

AV4420 INTRODUCTION TO JET TURBINES**4.5 QUARTER CREDIT HOURS****PREREQUISITES: NONE**

This course provides information on turbine driven engines, thrust vectoring, pneumatics, electrical, hydraulic, and auxiliary systems for the commercial pilot. Information included in this course covers pressurization, de-ice and anti-ice, environmental, and warning systems. Additionally, schematic drawings and various jet operating manuals are covered.

AV4430 AVIATION DECISION MAKING AND RISK MANAGEMENT**4.5 QUARTER CREDIT HOURS****PREREQUISITES: NONE**

This course covers the Aviation Decision Making (ADM) model and factors in risk management. Information on how to improve a pilot's ADM skills with the goal of mitigating the risk factors and improving safety associated with flight in both classic and automated aircraft is also covered.

PREREQUISITES: NONE

This course covers flight safety issues and statistics as it relates to aviation accidents. Students will learn about personal and organizational safety/security procedures and the philosophy for accident prevention. Additionally, the principles of accident investigation are also covered.

ADMISSIONS DISCLOSURES - GENERAL

CALIFORNIA AND WASHINGTON

AVIATION, AERONAUTICS, AND COMMERCIAL AVIATION PROGRAMS

Applicants must review the *Age Pairing Requirement* specified by the Federal Aviation Administration prior to enrollment.

Students Eligible for Employment in the United States

Since most employers conduct background checks prior to hiring, it is important to make an applicant aware that many career fields prohibit or discourage hiring individuals with a history of criminal background. Charter College does not believe that students should make a substantial investment of time, money and potential debt if the ability to secure employment in the field of training is unlikely. It is important to provide full disclosure of past criminal history (misdemeanors and/or felonies) to your Admissions Representative prior to enrolling to the College. Failure to disclose this history may affect externship and/or employment opportunities upon completion of your program.

An applicant may not enroll into the any Aviation program if their background contains any of the following:

- any DUI/DWI within the last seven (7) years;
- any felony involving misuse or abuse of vehicles, drugs, alcohol, fraud, or theft.

Employment opportunities are limited for an applicant with:

- any DUI/DWI over seven (7) years ago;
- any misdemeanor involving misuse or abuse of vehicles, drugs, alcohol, fraud, or theft.

ADMISSIONS REQUIREMENTS – ADDITIONAL PROGRAM REQUIREMENTS

AVIATION, AERONAUTICS, AND COMMERCIAL AVIATION PROGRAMS

The Aviation, Aeronautics, and Commercial Aviation Programs are restricted entry programs with managed enrollment. Applicant review for acceptance will be based on College's requirements that include FAA requirements and/or other requirements set forth by a flight training partner.

The College reserves the right to consider an applicant's character, academic record, medical/behavioral assessment, and conduct in granting or denying admission to the Aviation program for the protection of the educational environment and overall safety of others. Unless specifically exempted from disclosure by law or court order, students and applicants have a duty to immediately disclose any criminal convictions or charges for violent behavior, offenses against minors, and/or any offenses punishable as a felony at any time during the admissions or enrollment periods.

In addition to the *Admissions Requirements*, all students must comply with the following minimum requirements for admission to the program:

1. Applicants to the program must be at least 18 years of age or older at the time of enrollment.
2. Provide and maintain photo identification that meets one (1) of the following:
 - a. Driver's license: beginning January 1, 2016, the driver's license must meet Federal REAL ID requirements;
 - b. U.S. government identification card;
 - c. U.S. Armed Forces' identification card; or,
 - d. Valid, unexpired U.S. passport.
3. Fixed Wing applicants must provide documentation of meeting the First-Class Airman Medical Certificate requirements; Rotor applicants must provide documentation of meeting the Second-Class Airman Medical Certificate requirements. The Certificate must be completed by a FAA-designated Aviation Medical Examiner (AME).
4. Provide documentation of Student Pilot Certificate issued by the FAA Civil Aviation Registry.

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for the period March 18, 2019 – March 8, 2020

- a. Applicants will register and provide the necessary information at <https://iacra.faa.gov>.
 - b. Applicants will meet with part 141 Flight School to verify:
 - i. the applicant meets the regulatory eligibility requirements;
 - ii. the application is completed properly; and,
 - iii. the applicant’s photo identification.
 - c. The FAA Civil Aviation Registry will issue a Student Pilot Certificate only after successful completion of security vetting by the Transportation Security Administration (TSA).
5. Provide documentation to meet the following TSA requirements:
- a. All U.S. Citizens and Nationals are required to show proof of U.S. Citizenship or National status.
 - i. Valid, unexpired U.S. passport;
 - ii. Original or government-issued birth certificate of the U.S., American Samoa, or Swains Island and a government-issued picture ID;
 - iii. Original certificate of birth abroad with raised seal (Form FS-545 or DS-1350) AND a government-issued picture ID;
 - iv. Original certificate of U.S. citizenship with raised seal (Form N-560 or N-561) or a Certificate of Repatriation (Form N-581) AND government-issued pictured ID; or,
 - v. Original U.S. Naturalization Certificate with raised seal (Form N-550 or N-570) AND a government-issued picture ID.
 - b. All eligible non-U.S. Citizen applicants are required to show proof of completing the registration process with the Transportation Security Administration and proof of their eligible non-citizen classification.

An applicant will receive written notification on the status of their application. Applications are approved or denied on an applicant’s ability to meet all of the Admissions Requirements as evidenced by documentation. Admission to the program will not be granted until all requirements are satisfactorily met and documented.

NOTE: ATB students may not enroll in the Aviation, Aeronautics, and Commercial Aviation Programs.

BACHELOR OF SCIENCE IN AERONAUTICS: CONCENTRATION IN FIXED WING OR ROTOR AND THE ASSOCIATE OF APPLIED SCIENCE IN COMMERCIAL AVIATION: CONCENTRATION IN FIXED WING OR ROTOR

In addition to the above requirements, students must provide evidence of a Private Pilot License (PPL) recognized by the FAA.

ADMISSIONS ASSESSMENT

Program	Minimum Score
Aeronautics, Aviation, Commercial Aviation	
Bachelor of Science in Aviation (Concentrations in Fixed Wing or Rotor)	17
Bachelor of Science in Aeronautics (Concentrations in Fixed Wing or Rotor)	
Associate of Applied Science in Aviation (Concentrations in Fixed Wing or Rotor)	
Associate of Commercial Aviation (Concentrations in Fixed Wing or Rotor)	

ADMISSIONS DISCLOSURES - PROGRAMS

Charter College is not accepting new applications or new enrollments in any Aeronautics, Aviation, or Commercial Aviation programs. Re-entry students must meet eligibility requirements to return.

AVIATION, AERONAUTICS, AND COMMERCIAL AVIATION

FLIGHT PARTNERS

The Ground School and Flight Lab instruction courses of the program will be delivered by a Charter College approved flight partner. Charter College enters into written partner agreements for Ground School and Flight Lab instruction to be provided by a FAA Part 141 approved flight training school. Students enrolling in the program are expected to take courses with a Charter College approved flight partner in order to graduate. For a list of current FAA Part 141 approved flight partners refer to the Catalog Addendum.

Charter College will provide academic credit for courses taken at the approved flight partner on the same basis as if it provided the training itself. A combination of the credits taken at the College campus and with the flight partner will be used to determine enrollment statuses (full-time, half-time, etc.) each term. Charter College will award the degree upon completion of the program. At no time will students take more than 25% of the program credits from a flight partner. Charter College and the flight partner will communicate regarding a student's progress and the contents of the student's file during enrollment, employment assistance, and as needed for licensing or regulatory reporting. The flight partner is responsible and liable for maintaining the fleet of training aircraft.

PROGRESSION IN AVIATION, AERONAUTICS, AND COMMERCIAL AVIATION PROGRAMS

To progress in Aviation, Aeronautics, and Commercial Aviation Programs and to meet the requirements for graduation, students must successfully pass all FAA written and oral exams in addition to their checkrides in order to progress to the next license/rating scheduled in the program. Students have two (2) attempts to pass these exams; only one (1) of the attempts is included in the cost of tuition. Students unable to pass an exam after the second attempt will not be allowed to progress and will be withdrawn from the program.

Program(s)	FAA Exam	Program Progression	Associated Course with each License/Rating
Bachelor of Science in Aviation: Concentration in Concentration in Fixed Wing	Private Pilot License (PPL)	Meet <i>Admissions Requirements</i>	AV1120, AV2910, AV2920
Associate of Applied Science in Aviation: Concentration in Fixed Wing	Instrument Rating (IFR) / Commercial Pilot License (CPL)	Must pass and receive PPL prior to beginning IFR or CPL	AV1160, AV2930, AV2940, AV1130, AV2950, AV2960, AV2970, AV2980
Bachelor of Science in Aviation: Concentration in Concentration in Rotor	Certified Flight Instructor (CFI)	Must pass and receive CPL prior to beginning CFI	AV2250, AV2990
Associate of Applied Science in Aviation: Concentration in Rotor			

Program(s)	FAA Exam	Program Progression	Associated Course with each License/Rating
Bachelor of Science in Aeronautics: Concentration in Fixed Wing	Meet <i>Admissions Requirements</i> (PPL required)	AV1160, AV2930, AV2940, AV1130, AV2950, AV2960, AV2970, AV2980	Meet <i>Admissions Requirements</i> (PPL required)
Associate of Applied Science in Commercial Aviation: Concentration in Fixed Wing			
Bachelor of Science in Aeronautics: Concentration in Rotor	Must pass and receive CPL prior to beginning CFI	AV2250, AV2990	Must pass and receive CPL prior to beginning CFI
Associate of Applied Science in Commercial Aviation: Concentration in Rotor			

FLIGHT PARTNERS

The College holds agreements with FAA Part 141 approved flight partners including:

FIXED WING

Flight Partner	Campus
American Aviation Academy, 2035 N. Marshall Avenue, El Cajon, CA 92020.	Oxnard
Aviation Academy of America Inc., 900 Vandenburg Road, Hondo, TX 78861	Oxnard
Aviation Academy of America Inc., 1806 Airport Drive, New Braunfels, TX 78130.	Oxnard
Hillsboro Aero Academy, 2634 Airport Drive, Suite 103, North Las Vegas, NV 89032.	Oxnard
NexGen Aviation, LLC, 4144 Aviator Boulevard, Suite 100, Lexington, KY 40510.	Oxnard
Sky Safety Inc., 8603 Mission Road, San Antonio, TX 78214.	Oxnard
Snohomish Flying Service, 9900 Airport Way, Harvey Field, Snohomish, WA 98296-8218; including the adjacent building at 9832 Airport Way, Building 15, Harvey Field, Snohomish, WA 98296.	Vancouver
Specialized Helicopters, Inc., 150 Aviation Way, Suite 101, Watsonville, CA 95076.	Oxnard
Upper Limit Aviation, 37350 Sky Canyon Drive, Murrieta, CA 92563.	Oxnard
Upper Limit Aviation, 619 N. 2360 W. Salt Lake City, UT 84116.	Oxnard
Wings of Wyoming Inc, 3803 Evans Avenue, Cheyenne, WY 82001.	Oxnard

ROTOR

Flight Partner	Campus
Hillsboro Aero Academy, 2634 Airport Drive, Suite 103, North Las Vegas, NV 89032.	Oxnard
Snohomish Flying Service, 9900 Airport Way, Harvey Field, Snohomish, WA 98296-8218; including the adjacent building at 9832 Airport Way, Building 15, Harvey Field, Snohomish, WA 98296.	Vancouver
Specialized Helicopters, Inc., 150 Aviation Way, Suite 101, Watsonville, CA 95076.	Oxnard
Platinum Aviation, d.b.a., Utah Helicopters, LLC, 2050 N 300 W., Spanish Fork, UT 84660.	Oxnard
Platinum Aviation, d.b.a., Utah Helicopters, LLC, 7220 S. 4450 W., West Jordan, UT 84084.	Oxnard
Upper Limit Aviation, 37350 Sky Canyon Drive, Murrieta, CA 92563.	Oxnard
Upper Limit Aviation, 619 N. 2360 W. Salt Lake City, UT 84116.	Oxnard
Veracity Aviation, LLC, 2475 Rudeloff Road, Seguin, TX 78155.	Oxnard
Veracity Aviation, LLC, 212 Stearman Drive, Georgetown, TX 78628.	Oxnard
Veracity Aviation, LLC, 17622 Airfield Lane, Pearland, TX 77581.	Oxnard

VETERAN'S BENEFITS AND FLIGHT PARTNERS

Check with the College's School Certifying Official to determine if the program and/or flight partner you are interested in is currently approved for Veterans' benefits.

STUDENT FINANCIAL SERVICES

AVIATION, AERONAUTICS, AND COMMERCIAL AVIATION PROGRAMS

Other than those disclosed at the time of enrollment, a student will not incur additional tuition costs because of the agreement with the flight partner. However, students who exceed the budgeted number of flight instruction hours included in the program, in order to obtain the FAA certification/rating, will incur an additional financial obligation. Additional financial obligations must be resolved by the student directly with the flight partner; this financial activity will not be recorded on the student's account with the College.

For financial aid purposes, Charter College will calculate awards, disburse aid, monitor satisfactory academic progress, and determine other student eligibility requirements based on the courses taken with the College and with the flight training partner.

CASH PAYING STUDENTS

AVIATION, AERONAUTICS, AND COMMERCIAL AVIATION PROGRAMS

Students who opt to pay cash for any portion of their tuition, fees and books must make satisfactory payment arrangements. The Charter College Aviation payment options are available for those who prefer to pay in installments. Charter College offers cash payment plans without additional upfront fees. Students who are late may be subject to dismissal for non-payment. The first payment is due upon class start. Subsequent payments are due every five (5) weeks at the beginning of every module.

CHARTER COLLEGE TUITION DISCOUNTS

AVIATION, AERONAUTICS, AND COMMERCIAL AVIATION PROGRAMS TUITION DISCOUNTS

Applicants and students enrolled in Aviation, Aeronautics, and Commercial Aviation Programs are eligible for the Flight Certification Tuition Discount and the Flight Partner Tuition Discount only.

FLIGHT CERTIFICATION TUITION DISCOUNT

The Flight Certification Tuition Discount applies to incoming students who currently hold FAA Certificates in Private Pilot, Commercial Pilot, Instrument Rating, and Certified Flight Instructor requiring only non-flight partner academic credits to complete their degree program. The discount is 25% off the tuition charged for online courses. The tuition discount cannot be combined with other tuition discounts.

FLIGHT PARTNER TUITION DISCOUNT

The Flight Partner Tuition Discount applies to incoming students who have received at least one FAA certification from a partnering flight school. The tuition discount is 25% off the tuition charged for online courses and cannot be combined with other tuition discounts. Student must provide documentation of certification from flight partner.

SCHOLARSHIPS

AVIATION, AERONAUTICS, AND COMMERCIAL AVIATION PROGRAMS

Applicants and students enrolled in Aviation, Aeronautics, and Commercial Aviation Programs are not eligible to apply for Charter College scholarships.

THE CASCADIA TECH ACADEMY GRADUATE SCHOLARSHIP

WASHINGTON

The Cascadia Tech Academy Graduate Scholarship This scholarship is available to incoming students who graduate from Cascadia Tech Academy and enroll in Charter College Aviation Programs. The Scholarship for enrolling in an Associate of Applied Science degree is \$2,100 per Academic year for a total of \$4,200 and for enrolling in a Bachelor of Science degree is \$2,500 per Academic year for a total of \$10,000. The scholarship cannot be combined with any other tuition discounts nor result in a cash payment to the student.

Eligibility:

- The student must be a Graduate from Cascadia Tech Academy enrolling in a Charter College Aviation Program
- Must attend college as a full-time student, maintain a cumulative grade point average of 2.5 or greater on 4.0 scale, meet attendance requirements and successfully complete the program of study; otherwise, the scholarship, or the remaining portion of it, will be withdrawn.
- Scholarship payable in the first term of each academic year.

INSTITUTIONAL FUNDING OPTION

Charter College offers many federal, state, and alternative financial aid options for students to pay their educational expenses. Many of these options require credit worthiness and not all those who apply will be approved. For students who have exhausted these options, the College offers an institutional financing option called a *Retail Installment Contract (RIC)*; the RIC is commonly referred to as Charter College Credit. A Retail Installment Contract without credit worthiness is available.

While a student attends the College and for three (3) months after graduating, the interest rate is at 0% interest. Payments are due on the first of every month after attending class. If the finance plan extends beyond three (3) months after graduation or the student stops attending, the interest rate increases to 8% until the finance plan is paid in full. Applicants and students enrolled in Aviation, Aeronautics, and Commercial Aviation Programs are not eligible to apply for Charter College Credit.

IPAY+ TUITION PAYMENT MATCH PROGRAM

AERONAUTICS, AVIATION, AND COMMERCIAL AVIATION

Students enrolled in these programs are not eligible for the iPay+ Tuition Payment Match Program.

ADVANCED ACADEMIC STANDING

CREDIT FOR CERTIFICATION EXAMINATION

AVIATION, AERONAUTICS, AND COMMERCIAL AVIATION PROGRAMS

Regarding Aviation Ground School and Flight Lab Courses, Charter College may accept credit for ground and flight instruction for any FAA Certificates, including Private Pilot, Commercial Pilot, Instrument Rating, or Flight Instructor. An applicant with a FAA Certificate must provide a copy of the Certificate no later than five (5) business days before the module start date to the Program Manager to review for credit toward ground and/or flight instruction course(s).

PROFICIENCY CREDIT

Charter College allows students to test out of a course by passing a proficiency examination. The fee for a proficiency examination is \$100 per course. Students must request a proficiency exam at least ten (10) business days prior to the first day of the course and the student must test out of a course prior to the first day of the course. Proficiency exams are proctored by a staff member of the College. The student may take the test out exam at any Charter College location and must present a valid (non-expired) form of identification (i.e., driver's license, state issued ID, military ID, etc.) In order to successfully pass a proficiency examination a student must score 73.5% or higher. Proficiency examinations may be attempted only once. Students may not use proficiency credit for AH1400, GE1105, GE1115, GE2310, GE3310, SS1001, SS1210, SS2101, SS4900, or Aviation Ground School or Flight Lab courses. Proficiency credit awards may not exceed more than 25% of the credits in the student's program of study.

TRANSFER CREDIT FROM OTHER INSTITUTIONS

AVIATION, AERONAUTICS, AND COMMERCIAL AVIATION PROGRAMS

Students may not use Proficiency Credit for Aviation Ground School or Flight Lab courses.

ATTENDANCE

AERONAUTICS, AVIATION, AND COMMERCIAL AVIATION

The fourteen (14) consecutive calendar day attendance policy does not apply to Ground School and Flight Lab courses facilitated by the Flight Partner. Attendance in these courses may be impacted by equipment maintenance or unsafe weather conditions that prevent the safe operation of aviation equipment. Students must complete the required number of Ground School and Flight Lab hours by the end of each five (5) week module in order to complete the course.

COURSE SCHEDULES AND REGISTRATION

AVIATION AERONAUTICS, AND COMMERCIAL AVIATION PROGRAMS

The Aviation, Aeronautics, and Commercial Aviation Programs require Ground School and Flight Lab courses to be completed at an approved flight partner location for completion of academic requirements, student must adjust their schedule in order to fulfill this requirement within the designated timeframe. Additionally, Ground School and Flight Lab opportunities are only available during regular business hours of the flight partner and may include Sunday through Saturday hours. A flight partner may not observe or close during holidays or those identified by the College.

GRADING SYSTEM

INCOMPLETE

AVIATION, COMMERCIAL AVIATION, AND AERONAUTICS

Students attending a Ground School or Flight Lab course with a Flight Partner may petition for an incomplete for up to five (5) weeks to complete the course requirements with the permission of the Education Department. Students should refer to the Progression in Aviation, Aeronautics, and Commercial Aviation requirements to determine if they are eligible to continue to the next license/rating coursework if coursework for the previous license/rating is incomplete. If the course requirements are not successfully completed, a grade of "F" (Fail) will be assigned and the course must be repeated.

An Incomplete Extension may be granted with approval from the Director of Aviation and the Education Department for up to five (5) additional weeks to complete the lab hours required by the course due to extenuating circumstances (i.e., weather, mechanical issues or military requirements). Students must petition to receive an incomplete extension in the course.

An Incomplete Extension for Certification may be granted with approval from the Director of Aviation and the Education Department for up to ten (10) additional weeks for students who have completed the hours required by the course and are waiting for FAA Scheduling to complete Certification. Students must petition to receive an incomplete extension in the course.

HOLIDAYS AND WEATHER CLOSURES

AVIATION, AERONAUTICS, AND COMMERCIAL AVIATION PROGRAMS

The flight partner reserves the right to suspend or cancel class due to unsafe weather conditions that prevent the safe operation of aviation equipment. Students should anticipate making up the time before the end of the module.

NOTICE CONCERNING TRANSFERABILITY OF CREDITS AND CREDENTIALS EARNED AT OUR INSTITUTION

AVIATION, AERONAUTICS, AND COMMERCIAL AVIATION PROGRAMS

The transferability of Ground School and Flight Lab hours completed at a FAA Part 141 flight partner to another flight school would be determined by the flight school and FAA regulations.

RE-ENTRY

AERONAUTICS, AVIATION, AND COMMERCIAL AVIATION PROGRAMS

In addition to the requirements listed in the Re-Entry section, students who wish to re-enter the Aeronautics, Aviation, and Commercial Aviation programs must meet the following criteria:

1. Submit a letter to Director of Aviation describing why the student was previously unsuccessful in the program and what significant changes the student has made in order to be successful upon re-entry to the program.
2. Letter to the Director of Aviation requesting re-entry must be received no later than three (3) weeks prior to the proposed re-entry start date. The Director of Aviation determines if space is available for re-entry and notifies the Retention Department.
3. Provide required, current documentation, if needed:
 - a. Current government ID.
 - b. Current Airman Medical Certificate:
 - i. Fixed Wing applicants must provide documentation of meeting the First-Class Airman Medical Certificate requirements and Rotor applicants must provide documentation of meeting the Second-Class Airman Medical Certificate requirements.
 - c. Provide documentation to meet the following TSA requirements:
 - i. All U.S. Citizens and Nationals are required to show proof of U.S. Citizenship or National status.
4. Students considering re-entry who did not previously pass the Wonderlic SLE-Q are required to pass the assessment with the required minimum score prior to re-entry.
5. If curriculum changes have occurred since the previous enrollment, all prior course work will be reviewed for transfer credit into the new curriculum.

6. Re-entry is based on space availability for the desired start date.
7. Students may re-enter the program one (1) time. If after re-entry the student is unsuccessful, then the student will be withdrawn and will not be eligible for re-entry in the future.
 - a. Exceptions may be made for documented extenuating circumstances outside of the students control (examples included but not limited to death of immediate family and military orders for deployment.)
8. Successful completion of all re-entry requirements must be validated by the Retention Department. Re-entry is subject to Director of Aviation approval and will be confirmed in writing.

STUDENT CONDUCT

AERONAUTICS, AVIATION, COMMERCIAL AVIATION

In addition to the *Student Conduct* policy, all Aviation students will abide by the safety standards and operational procedures, consistent with FAA requirements, while at the flight partner's location and during flight partner experiences. The Aviation program involves the flying of aircraft which may present risk. Instruction is provided to students in techniques relative to reducing risks and ensuring the safety of everyone associated to any such risk; however, it is impossible to provide a guarantee against all risks. Safety instructions and detailed information, including proper flight preparations and procedures, are part of the course content. It is the responsibility of the student to follow safety instructions provided by the flight partner in conjunction with FAA requirements. Violation of these requirements may lead to dismissal from the College.

ARTICULATION AGREEMENTS

WASHINGTON

Charter College – Vancouver and Cascadia Tech Academy (CTA) have developed an articulation agreement to allow CTA high school graduates the opportunity to earn credit towards the following aviation degrees offered by the College:

- Bachelor of Science in Aviation: Concentration in Fixed Wing
- Associate of Applied Science in Commercial Aviation: Concentration in Fixed Wing

CTA graduates must meet the following requirements:

1. Earn a letter grade of "B" (equivalent to 83.5%) or higher in each of the CTA classes identified below as evidenced through an official transcript.
2. Provide a letter from CTA attesting that the graduate has met all requirements for transfer of credit.
3. Meet all Charter College *Admissions Requirements* for the selected aviation degree program.

After acceptance into the College, and pursuant to the *Advanced Academic Standing* policy in the Catalog, the CTA graduate will receive Transfer Credit (TC) for the following courses:

Charter College Course	Cascadia Tech Academy Course
AV1120 Ground School – Private Pilot – Fixed Wing	Year 1: Aviation History Year 2: Aviation Ground School
AV1140 Aviation Navigation	Year 1: Avionics Year 2: Navigation and Flight Planning
AV1150 Aircraft Systems and Components	Year 1: Aircraft Systems Year 1: Aircraft Maintenance References and Processes Year 2: Airframe Processes
AV1170 Aviation Safety and Human Factors	Year 1: Safety and Security Year 2: Safety and Security Year 2: Aviation Environment and Human Factors
AV2230 Aerodynamics and Aircraft Performance	Year 1: Applied Aerodynamics Year 1: Flight Dynamics Year 1: Propulsion Systems
AV2245 Aviation Meteorology	Year 2: Fundamentals of Meteorology
AV2295 Air Traffic Control and Airspace	Year 2: National Airspace Systems

COURSE CODES

The six (6) character course number assigned to each course provides substantial information. The first two (2) or three (3) characters are letters that indicate the area of study. They are as follows:

Area of Study
AV: Aviation

UNDERGRADUATE PROGRAMS

The four (4) numeric digits indicate the level of the course. Course numbers that are 1000-level, and 2000-level indicate lower division courses generally taken early in a program. Course numbers that are 3000-level and 4000-level indicate courses that are upper division courses and are generally taken later in a program. For the Aviation, Aeronautics, and Commercial Aviation Programs, ground school courses are typically 1000-level courses and the corresponding flight lab courses are 2000-level.