

Aviation Science and Engineering Technology

Faculty Qualifications Matrix					
APSU Course Rubric	Division	Qualifying Credentials	Qualifying Disciplines	Acceptable Alternative Qualifications	GTA Instructor of Record
AVI 1000-2000 lecture courses	Lower Division Lecture Courses	Bachelor's degree in aviation or related field, and valid documentation as a FAA Helicopter Certified Flight Instructor (CFI).	Aviation or related field	Bachelor's degree in aviation or related field, and valid documentation as a FAA Certified Ground Instructor (GI).	
AVI 1100 AVI 2100 AVI 3100 AVI 3120	Lower and Upper Division flight training	Bachelor's degree in any field, current documentation as a FAA Helicopter Certified Flight Instructor (CFI), and at least one year of flight experience.	Any field OR aviation or related field	Associates degree in aviation or closely related field, current documentation as a FAA Helicopter Certified Flight Instructor (CFI), and at least one year of flight experience.	
AVI 2120 AVI 2140	Lower Division flight training	Bachelor's degree in any field, current documentation as a FAA Commercial Pilot-Rotorcraft Certified Flight Instructor-Instrument (CFII), and at least two years of flight experience.	Any field OR aviation or related field	Associates degree in aviation or closely related field, current documentation as a FAA Commercial Pilot-Rotorcraft Certified Flight Instructor-Instrument (CFII), and at least two years of flight experience.	
AVI 3000-4000 lecture courses	Upper Division Lecture Courses	Master's degree in any field and bachelor's degree in aviation or related field. Additionally, they must have valid documentation as a FAA Helicopter Certified Flight Instructor (CFI).	Any field OR aviation or related field	Master's degree in any field and bachelor's degree in aviation or related field. Additionally, they must have valid documentation as a FAA Certified Ground Instructor (GI).	
AVI 3140 AVI 4100 AVI 4120	Upper Division flight training	Bachelor's degree in any field, current documentation as a FAA Commercial Pilot-Rotorcraft Certified Flight Instructor-Instrument (CFII), and at least 400 hours of instructor experience.	Any field OR aviation or related field	Associates degree in aviation or closely related field, current documentation as a FAA Commercial Pilot-Rotorcraft Certified Flight Instructor-Instrument (CFII), and at least two years of flight experience, and 400 hours of instructor experience.	

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ENGT 1000 - 2000 (formerly* AET, CCET, EET, & AAS) and MET 1000-2000	Lower Division	Master's degree in Engineering Technology or Engineering in the selected concentration / discipline subject.	Automotive, Construction, Electrical, Manufacturing, Mechanical, Mechatronics	Associate Degree in any Engineering Technology, plus a minimum of 10 years work experience in the subject area of the course(s) to be taught. OR Baccalaureate degree in any Engineering or Engineering Technology (or related field), plus a minimum of 5 years work experience in the subject area of the course(s) to be taught. OR Baccalaureate degree in the selected concentration / discipline with a Master's degree in a related field with a minimum of 18 graduate semester hours in Engineering Technology or Engineering.	Bachelor's degree in engineering or engineering technology and at least 18 graduate semester hours in engineering or engineering technology. As a part of APSU's mission we want to allow graduate students the opportunity to pursue serving as an instructor of record to develop a skillset that can prepare them for their future career (See GTA Policy for more details). Must have a designated faculty supervisor in the teaching discipline, regular in-service training, and planned evaluations.
ENGT 3000 - 4000 and MET 3000-4000	Upper Division	Master's degree in Engineering Technology or Engineering in the selected concentration / discipline subject.	Automotive, Construction, Electrical, Manufacturing, Mechanical, Mechatronics	A Baccalaureate degree in any Engineering or Engineering Technology field, plus a minimum of 10 years full-time work experience in the subject area of the course/s to be taught. Or a Baccalaureate in the selected concentration / discipline with a Master's degree in a related field with a minimum of 18 graduate semester hours in Engineering Technology or Engineering.	
ENGT 5000 +	Graduate Division	Master's degree in Engineering Technology or Engineering in the selected concentration / discipline subject.	Automotive, Construction, Electrical, Manufacturing, Mechanical, Mechatronics	A Baccalaureate degree in the concentration / discipline subject and a Master's degree in a related field with a minimum of 18 graduate semester hours in Engineering Technology or Engineering. Note, The Master of Science is the terminal degree in Engineering Technology.	