

AEROSPACE STUDIES DEPARTMENT

FACULTY

Robert G. Stuart, *Department Chairman*

Stephen D. Adams ■ Stephen H. Rowe

AEROSPACE MINOR

A minor in aerospace studies consists of satisfactory completion of the AFROTC program (19 units). Open to men and women.

AIR FORCE RESERVE OFFICER TRAINING CORPS PROGRAM

This four-semester program is designed to provide students with the opportunity to develop professional, academic, and leadership attributes essential to their progressive advancement to positions of responsibility as officers in the United States Air Force. Successful completion of the program leads to a reserve commission as a Second Lieutenant in the United States Air Force upon graduation.

Students enrolled in AFROTC receive \$100 a month nontaxable financial assistance during the two-year program. In addition, Air Force scholarships are available which cover full tuition, allowance for books, laboratory fees, and incidental fees. All AFROTC payments and other benefits are in addition to those a veteran is entitled to under the GI Bill, other laws, or scholarships.

A 25-hour flight instruction program is offered to pilot candidates at government expense. Applications should be submitted to the Professor of Aerospace Studies during the sophomore year or the fall semester preceding anticipated enrollment in AFROTC.

Students with prior military service should consult the Professor of Aerospace Studies for applicable entrance requirements.

Students with any academic major may apply for admission to AFROTC. To be eligible a student must

- (1) Be a citizen of the United States and not less than 17 years of age.
- (2) Be physically, mentally, and morally qualified in accordance with standards established by the Department of the Air Force and have a minimum of four semesters, either undergraduate or graduate, remaining to be completed at California State University, Fresno.
- (3) Successfully complete the Air Force Officer Qualifying Test, and SAT/ACT examinations.
- (4) Successfully complete the Air Force physical examination.
- (5) Be not more than 26½ years of age, if programmed for flying training; or 30 years of age, if programmed for other than flying training, at date of graduation and commissioning.
- (6) Be approved for AFROTC training by the Professor of Aerospace Studies and the President of the University.

COURSES

AEROSPACE STUDIES (A Sp)

14. General Aviation: Private Pilot (2)

Fundamentals of flight and aerodynamics, aircraft controls and maneuvers, powerplants and systems, meteorology, navigation and Federal Aviation Regulations. Prepares student for FAA private pilot written examination.

25. Air Force ROTC Field Training (3)

For all nonprior-service applicants. Taken during summer preceding entry into AFROTC. Six-week field training to acquaint student with Air Force life; basic military skills; Air Force weapons and support systems; and discipline essential to military environment. The Air Force provides meals, housing, \$524 pay, and travel pay to and from designated Air Force base.