

APTC Curriculum Information:

The APTC curriculum focuses on assessment, aviation psychology, treatment, and the medical waiver and review process. Specialists in aeromedical aviation psychology and psychiatry present small group workshops and seminars to review aviator personality profiles, assessment of fitness for flying, unique marital and family issues, and performance enhancement and performance under pressure. A foundation is also provided in basic aviation medicine and related topics such as aerodynamics, noise, toxic hazards, spatial disorientation, gravitational forces, and night vision. Through actual time in rotary wing aircraft (CH-47 and/or UH-60) and time in the synthetic flight simulator, the clinical psychologist learns to appreciate the demands placed on an Army aviator in his or her day-to-day mission. Participation in the Hypobaric Chamber and the Dunker-HEED facility provides the APTC student with an appreciation of human factors and extreme situations in which aviators must function. Extensive use of guest faculty broadens the scope of the training program and incorporates a wealth of practical experience from experts in clinical aviation psychology.