

# Fact Sheet – AETC Technical and Flying Training Centers of Excellence

## **Mission**

Air Education and Training Command's (AETCs) "Centers of Excellence" (CoE) will serve as primary focal points for early integration and coordination with Air Force Materiel Command, Air Combat Command, the service component commands, and the Integrated Capabilities Command regarding sustainment, operational feedback, and future capabilities development, ensuring initial skills training and leader development incorporates the competencies every Airman needs for success in Great Power Competition (GPC).

The goal is to ensure the command produces Mission Ready Airmen who are prepared to integrate themselves as part of a joint expeditionary force and are ready to execute on behalf of combatant commanders. In order for this to be possible, AETC must develop Airmen with the warfighting concepts of today and the future.

## **Second Air Force (2 AF) Centers of Excellence**

On any given day, 2 AF is responsible for more than 5,000 basic military trainees and 16,000 technical training students in more than 265 Air Force specialties, and hundreds of international students.

2 AF has five Technical Training CoEs supporting groups of Air Force Specialty Codes (AFSCs) under the following areas: Institutional, Information Warfare, Logistics, Command and Control, and Combat Power.

As part of the Command's technical training transformation effort, courses are transitioning toward a competency-based model, and with that model, there's more flexibility at lower levels to change individual tasks that are being trained than there is under the legacy construct. If the desired competency remains the same, the specific tasks that you need to do it can change much more rapidly than the old approach.

Another focus area involves integrating competency-based training tied to Agile Combat Employment operations across individual AFSCs with related duty requirements, allowing the Command to jumpstart the development of the Mission Ready Airmen the USAF needs for GPC. The CoEs are focused on developing curriculum rapidly and building training in an integrated manner that is forward looking and relevant in context of GPC. This begins by baselining warfighter skills in Basic Military Training and continuing development in technical training for Airmen in similar AFSCs in order to provide Mission Ready Airmen to combat wings at graduation.

## **2 AF CoE Core Functions:**

- Develop curriculum; ensure center of excellence interoperability
- Develop training pathway performance and health metrics

- Generate requirements to accomplish training
- Develop, review, and refine competencies, including those critical for wartime/mobilization
- Coordinate and develop new training requirements
- Integrate with Integrated Capabilities Command for future capability development
- Inform Air Force Doctrine

### **Nineteenth Air Force (19 AF) Flying Training CoE**

The 19 AF is responsible for more than 45% of the U.S. Air Force's annual flying hour program and directs aircrew training courses cumulating in over 24,000 graduates annually. With 18 total force wings across 35 locations, the training encompasses undergraduate and graduate fixed and rotary wing pilots, remotely piloted aircraft pilots, combat systems officers, air battle managers, weapons directors, and graduate career enlisted aviators, which provides fully qualified aircrew personnel to the warfighting commands.

The Flying Training CoE is focused on developing and maintaining existing flying training syllabi and courseware, and the development, review, and refining of flying training competencies. This is done while leveraging and expanding upon the innovative work conducted over the past six years through various programs such as Pilot Training Next, Air Mobility Fundamentals, Fighter Bomber Fundamentals, and Pilot Training Transformation initiatives.

The establishment of the Flying Training CoE represents a natural evolution of these prior transformation efforts. By building on our past successes and focusing on these critical pillars, the USAF is ensuring our Airmen are prepared to meet the challenges of GPC. It positions 19th AF to continue advancing its capabilities by focusing on five key pillars through the lens of GPC: Deliver Quality Instruction, Student-Centered Learning, Integration of Immersive Technology, Seamless Access to Quality Content, and Human Performance Optimization.

While not as vast in number of AFSCs as 2 AF, the Flying Training CoE is instrumental in refining and enhancing pilot training programs, making use of cutting-edge technologies and methodologies to provide a superior learning environment.

#### **19 AF CoE Core Functions:**

- Conduct future flying training innovation and field testing with AETC A5/8 and the Enterprise Learning Engineering (ELE) CoE
- Develop new and maintains existing flying training syllabus and courseware
- Develop, review and refine competencies for flying training
- Coordinate and develop new flying training requirements in coordination with Integrated Capabilities Command and other Air Force major commands
- Inform Air Force Doctrine as the lead proponent for flying training
- Integrate and be the focal point for coordination with the ELE CoE, AETC Command Integration Center (CIC) and AETC A5/8 for Program Objective Memorandum Inputs
- Develop flying training pipeline execution performance and health metrics for operations and maintenance

(Current as of 1 December 2024)