

FBI Redstone Update



FBI @ REDSTONE ARSENAL

November 29, 2023



FBI Redstone Program Overview

Director's Strategic Objectives

COUNTER-IED CENTER OF EXCELLENCE

A Whole of Government Capability to Exploit Terrorist Improvised Explosive Devices + Train Bomb Technician Responders

STRATEGIC REALIGNMENT

Agility to Align FBI National Assets and Capabilities to Enhance Mission Resiliency + Continuity of Operations

ENTERPRISE + APPLIED TECHNOLOGY

Next-Generation Technology + Analytics Capability to Address Emerging Threats

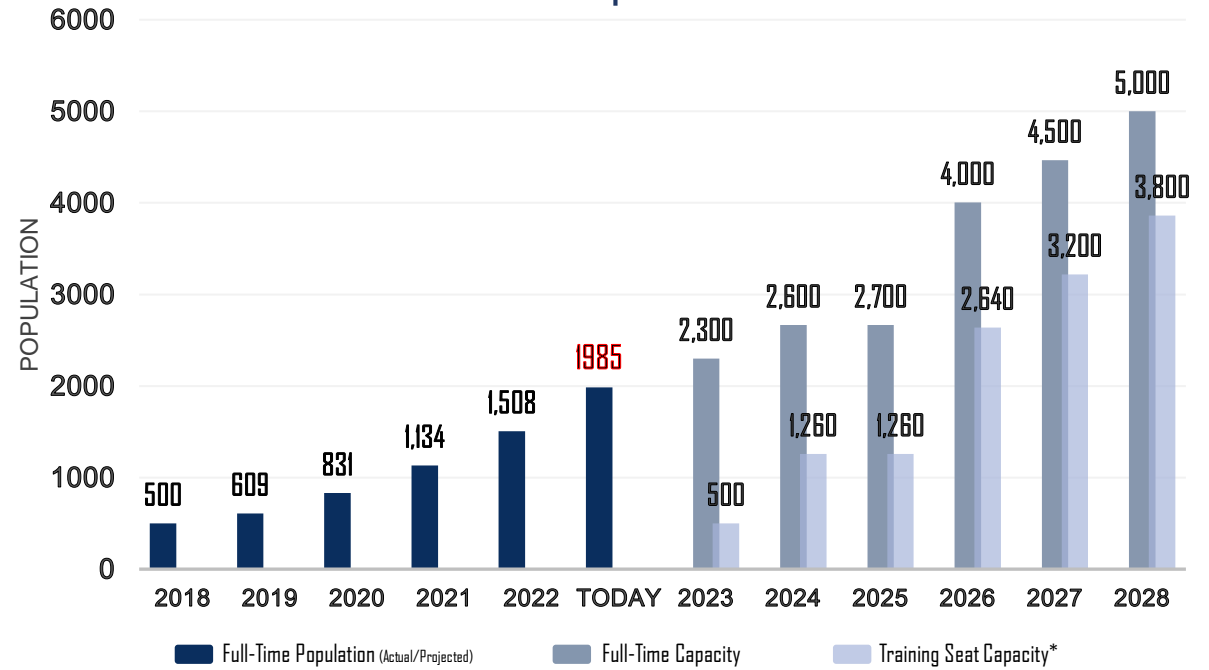
ADVANCED + SPECIALIZED TRAINING

Knowledge, Skills + Talent for 21st Century Challenges

PARTNERSHIPS

Enable Collaboration within FBI, Other Government Agencies, Industry, + Academia

FBI Redstone Population



*Includes auditorium space and every seat available for training. Actual throughput will vary.



Redstone Major Projects Status

Summary and Updates

Innovation Center



Under Construction

Tech 2+3 / Parking 2+3



Under Construction

Shared Services Warehouse



Under Construction

Shipping & Receiving Expansion



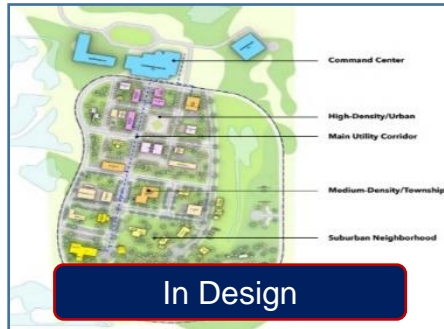
Awarded

Multi-Purpose Range Complex



In Design

Practical Problem Venues



In Design

Academic Zone



Active Procurement

NS&I CoE



Upcoming Solicitation



Innovation Center

To Prepare the FBI Workforce and Our Partners to Assess and Thwart the Digital Threat

VISION:

- Provide a state-of-the-art facility dedicated to training, cyber threat intelligence, digital forensics, and analytic tool development targeting rapidly changing 21st century threats

KEY ELEMENTS:

- Establishes a creative and collaborative environment to develop advanced analytical tools and data management platforms to modernize investigations
- Enhances connection with the Field
- Enable multi-discipline collaboration within the FBI and with partners / industry / academia
- Provide operational and advanced training platforms
- Contains a combination of secure and unclassified spaces





Setting a New Standard

Next-Gen Threats Require Next-Gen Assets

KEY SPECIALTY FEATURES

KINETIC CYBER RANGE: Approximately 22,000 square foot high-tech, integrated, realistic, unclassified training facility for FBI Cyber investigators

VIRTUAL REALITY CLASSROOM: Multipurpose room with 360-degree three-tiered seating configuration used to conduct VR training and distance learning, providing live-viewing and real-time evaluation

CUSTOMIZED TECHNICAL TOOLS: R&D Lab Space, Tech Benches, Redundant Power

DIGITAL TECHNOLOGY: Addressing current and future Cyber threats and data exploitation through cutting edge technical training

CAMPUS CULTURE: A conscious culture shift in a new collaborative environment to recruit and retain the tech talent of the future





Training Capabilities

Intentional Technology, Research and Development, Field Input, and Curriculum Evolution



Multipurpose Training Environment

- Virtual & Augmented Reality
- Intra-disciplinary Team Learning
- Geographically Dispersed Training Events
- Effective Distance Learning
- Customizable to FBI Needs



FBI Redstone South Campus

Advanced + Specialized Training

SOUTH CAMPUS OVERVIEW

Mission Focused – designed to assist FBI personnel in addressing current and future technology challenges in the field

State-of-the-Art Training Facilities – build on initial training that FBI Agents and Technicians receive at the FBI Academy in Quantico, VA

Mimic Real-World – create a real-world environment in a controlled environment

Built for the Future – ensure the infrastructure and the environment is adaptable and flexible to address today and tomorrow's tactical needs

Partnerships – train with external partners on joint exercises

Academic Zone + Practical Problem Venues





Technical Opportunities at Redstone Arsenal

Advanced & Specialized Training • Applied Technology • Data Analytics



ELECTRONICS ENGINEER

Provides preliminary test services on projects in the conduct of performance and experimental test programs, maintains test equipment and ensures that systems are set up for generating desirable results when testing is conducted, reviews drawing and specifications of alternative layouts or designs in the area of assignment to ensure such are consistent with sound engineering principles



ELECTRONICS TECHNICIAN OR TRAINEE

Electronic technicians install and maintain the Department of Justice's (DOJ) land mobile radio systems, data network systems and electronic security systems within all FBI field offices and facilities, as well as other DOJ agencies, as necessary. An ET's role can range from working with radio frequency systems to data networks and offering tactical support



IT SPECIALIST – DATA MGT

Serves as an analyst in the retrieval, analysis, and recommend use of data gathered from various sources. ITS - DM will assess data quality and validity before altering datasets or performing data analysis. Will employ programming languages to normalize, manipulate, and enrich datasets, including composing basic scripts from scratch with close supervision and guidance.

IT SPECIALIST – DIGITAL FORENSIC EXAMINER

ITS-FE provide comprehensive forensic examinations and technical analysis of computer related digital evidence and provide technical guidance and assistance to others involved in investigations to ensure precautions are taken to prevent data and equipment damage. These individuals typically work on a Computer Analysis and Response Team (CART)



IT SPECIALIST – VARIOUS DISCIPLINES

ITS analyze work processes to determine system requirements and perform maintenance in assigned areas that are of limited scope and difficulty. ITS specify the media type to be used in development of the output product, including format and tabulated results. Desired IT backgrounds: database administrator, information security engineer, software engineer, network engineer, big data technologist & more



COMPUTER SCIENTIST

Work on highly collaborative investigative teams to thwart cyber attacks that included counterintelligence plots, fraud, bank robberies and more. Must have a knowledge of applications software principles and methods; programming languages; systems development processes; and technical procedures in order to participate on a team designing, developing, testing, and implementing software for less complex programs

