



# GEORGI BENKOVSKI AIR FORCE ACADEMY



**BULGARIA**



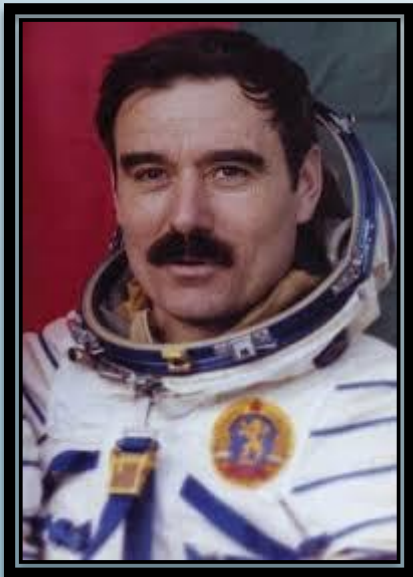
# Agenda

- History & Location
- Mission, Objectives & Vision
- Structure
- Education and Training Processes



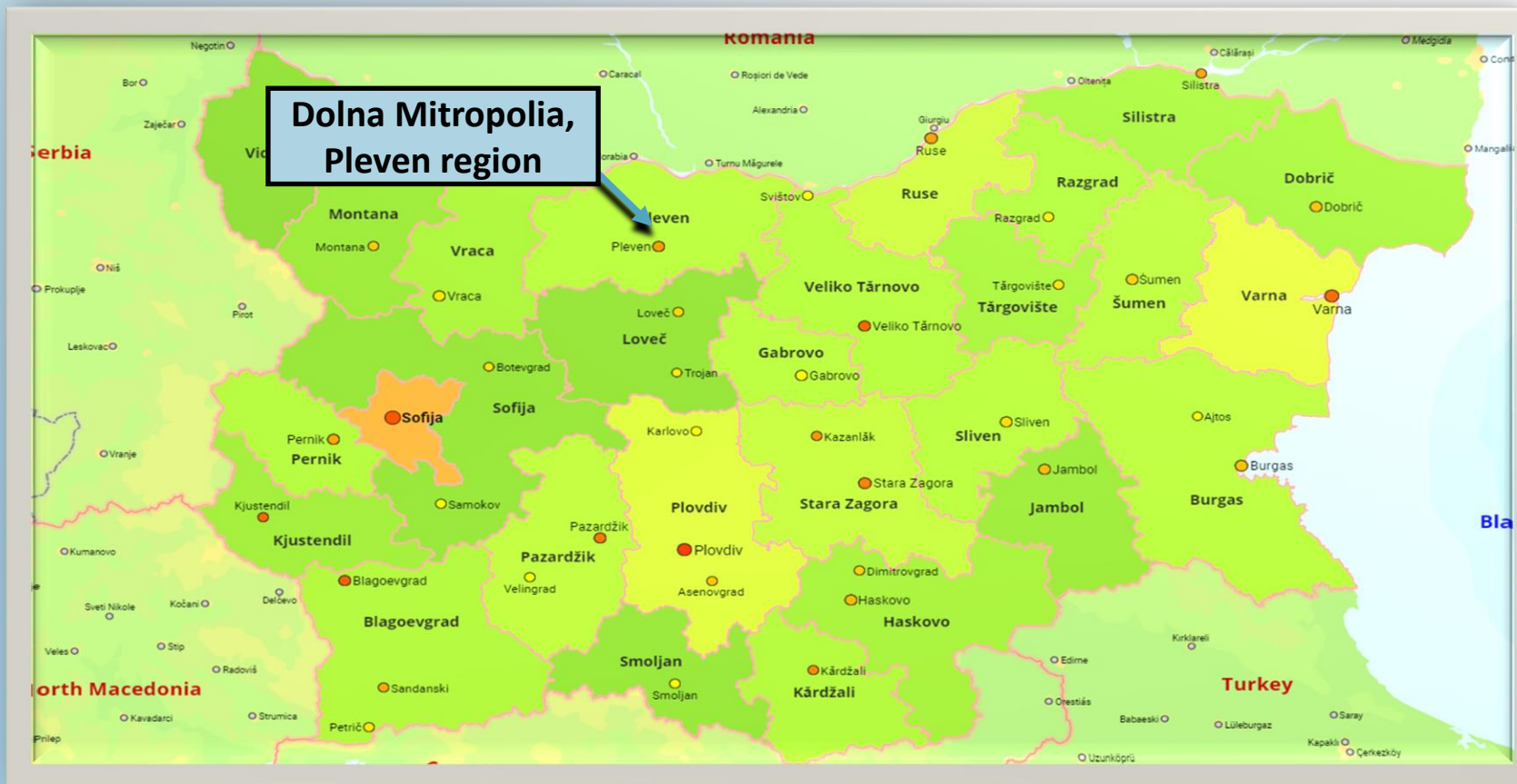


# History & Location





# History & Location







# Mission

- providing high-quality academic aviation education to cadets and civilian students.
- training future NCOs.





# Objectives

- Educating cadets towards earning a Bachelor's Degree;
- Educating civilian students for Bachelor's / Master's Degree;
- Supervising PhD students;
- Training of active duty officers in post graduate courses;
- Carrying out scientific research work;
- NCO training and target qualification courses;
- Training of career personnel for the needs of the Air Force.

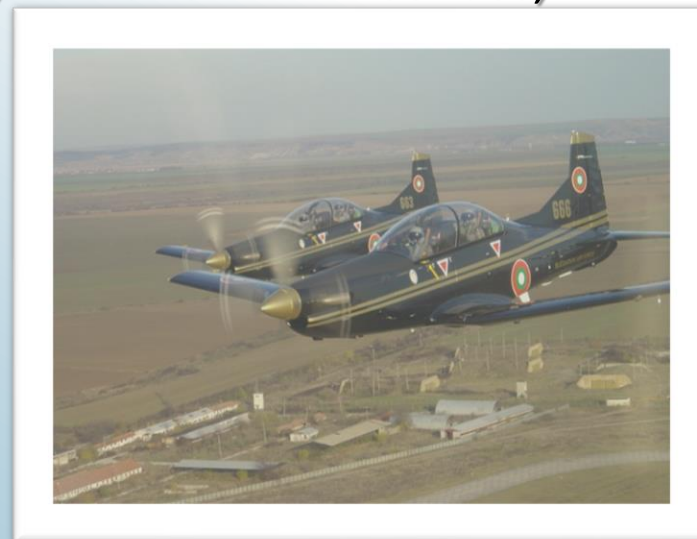






# Vision

- Expanding the number and range of civilian specialties offered;
- Optimizing the interconnection between military and civilian specialties;
- Develop AN Approved Training Organization for acquiring PPL, CPL and ATPL licenses;
- Become a regional training center for pilots and technicians.





# BAFA Structure

Commandant  
Brigadier General

Deputy Commander Logistic and  
Administration

1. Logistics branch
2. Human Recourses section
3. Administration section
4. Cadets company

Deputy Commander Academic  
Affairs

1. "Aviation" Faculty
2. "Nature and Humanitarian science" Department
3. Academic Affairs branch
4. Library

Deputy Commander Professional  
Training & International Affairs

1. Maintenance and Training Organization
2. APPROVED Training Organization
3. NCO College
4. Erasmus and International Affairs Office





# BAFA Structure

## "Aviation" Faculty



### Faculty Board

- Dean of the Faculty
- Deputy Dean of the Faculty
- Faculty General Assembly
- Faculty Council

### Academic Departments

Aviation Equipment and Technologies

Tactics, Armament & Navigation Training

Electronic, Engineering Automation and Information Technologies

Aviation Electronic, Navigation & Communication

Aviation MANAGEMENT

ENTERING INTO FORCE SEPTEMBER 2021

AIRCRAFT OPERATION AND maintenance



# BAFA Structure

## "Nature and Humanitarian science" Department

### Department Board

- Director of the department
- Department Council



Department's academic and teaching staff includes associate professors, chief assistants, senior lecturers and lecturers

### Main objectives

- giving fundamental knowledge with the main focus on "Mathematics", "Physics" and "Chemistry", Philosophy", "Military Psychology and Pedagogy", "Economics", "Rhetoric";
- enhanced learning of English and aviation English





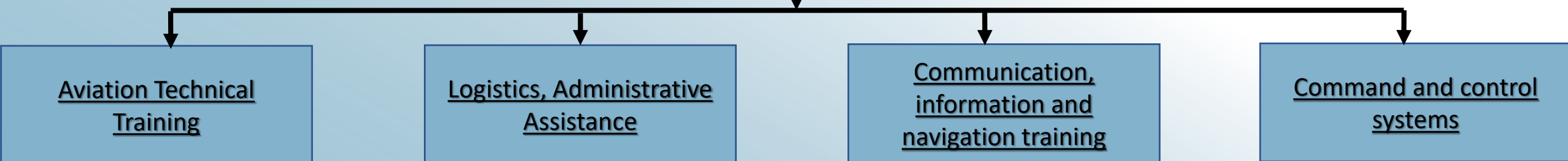
# BAFA Structure

## “Noncommissioned Officer” college



director  
- college Council

sections



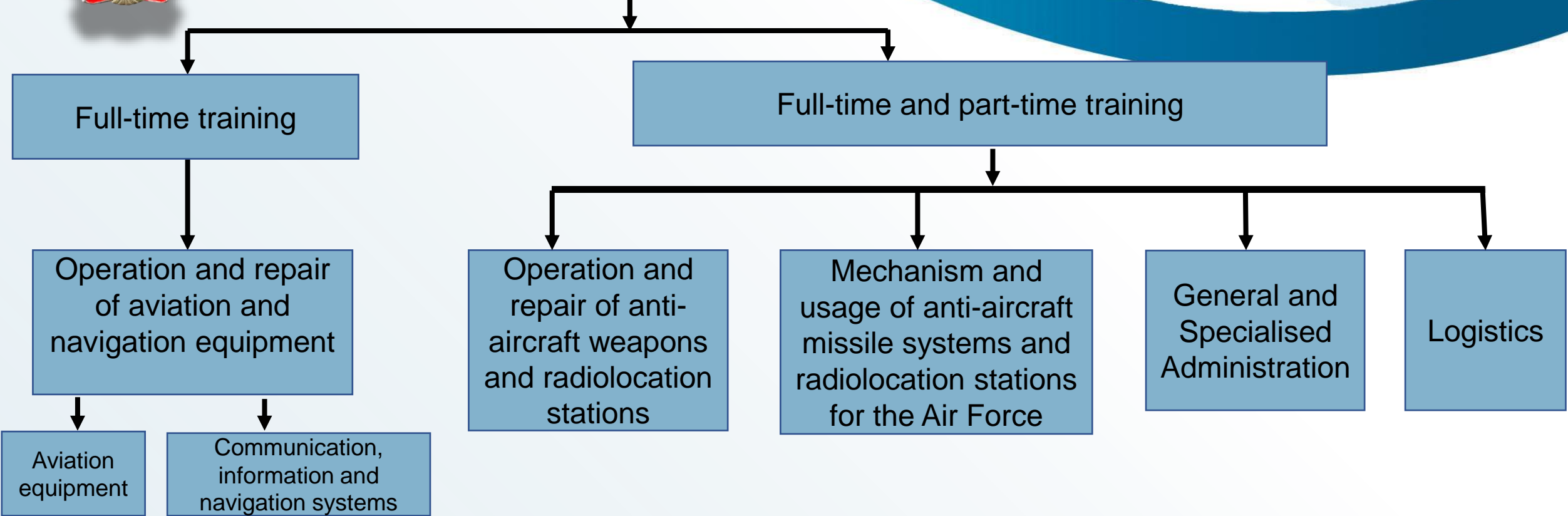


# BAFA Structure

## “Noncommissioned Officer” college



### Types of Trainings in Professional Sergeant College



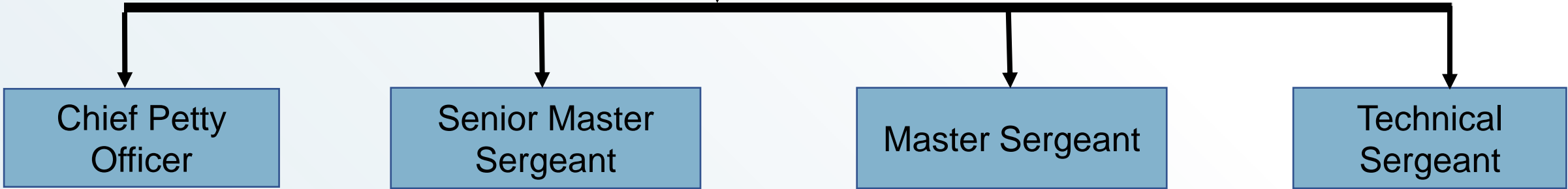




# BAFA Structure “Noncommissioned Officer” college



Qualification Courses for military ranks





# Education and Training Process

## *Areas, Professional fields and Specialties*

### Areas of Higher Education

Technical Sciences

Security and Defense

### Professional fields

Electrical Engineering  
Electronics and  
Automation

Transportation,  
Navigation and Aviation

Military Science

Electronics in Aviation - BSc

Automation, Information  
and Control Engineering –  
BSc, MSc

Electronics - Msc

Aviation Equipment and  
Technologies  
– BSc, MSc

Aircraft Flight Operation -  
BSc

Aircraft Armament - MSc

Organization and  
Management of Military  
UNITS at a Tactical Level





# Education and Training Process *Areas, Professional fields and Specialties*

## Areas of Higher Education

Technical Sciences

Security and Defense

## Professional fields

Electrical Engineering  
Electronics and  
Automation

Transportation,  
Navigation and Aviation

Military Science

Air traffic control  
electronic systems - BSc

Automation, Information  
and Control equipment -  
BSc

Electronics - BSc

robotics  
aviation systems  
- BSc

Aircraft - and Aircraft  
engines - BSc

Aviation management - BSc

Organization and  
Management of Military  
UNITS at a Tactical Level  
BSC

entering into force  
2021



# Education and Training Process Areas, Professional fields and Specialties



## Areas of Higher Education

Technical Sciences

## Professional fields

Electrical Engineering  
Electronics and  
Automation

Transportation,  
Navigation and Aviation

Robotics and mechatronics  
- MSc

Automation and avionics –  
MSc

Electronics –  
MSc

Aerospace engineering – – MSc

Aircraft ordnance - MSc

Corporate and aviation  
management- MSc

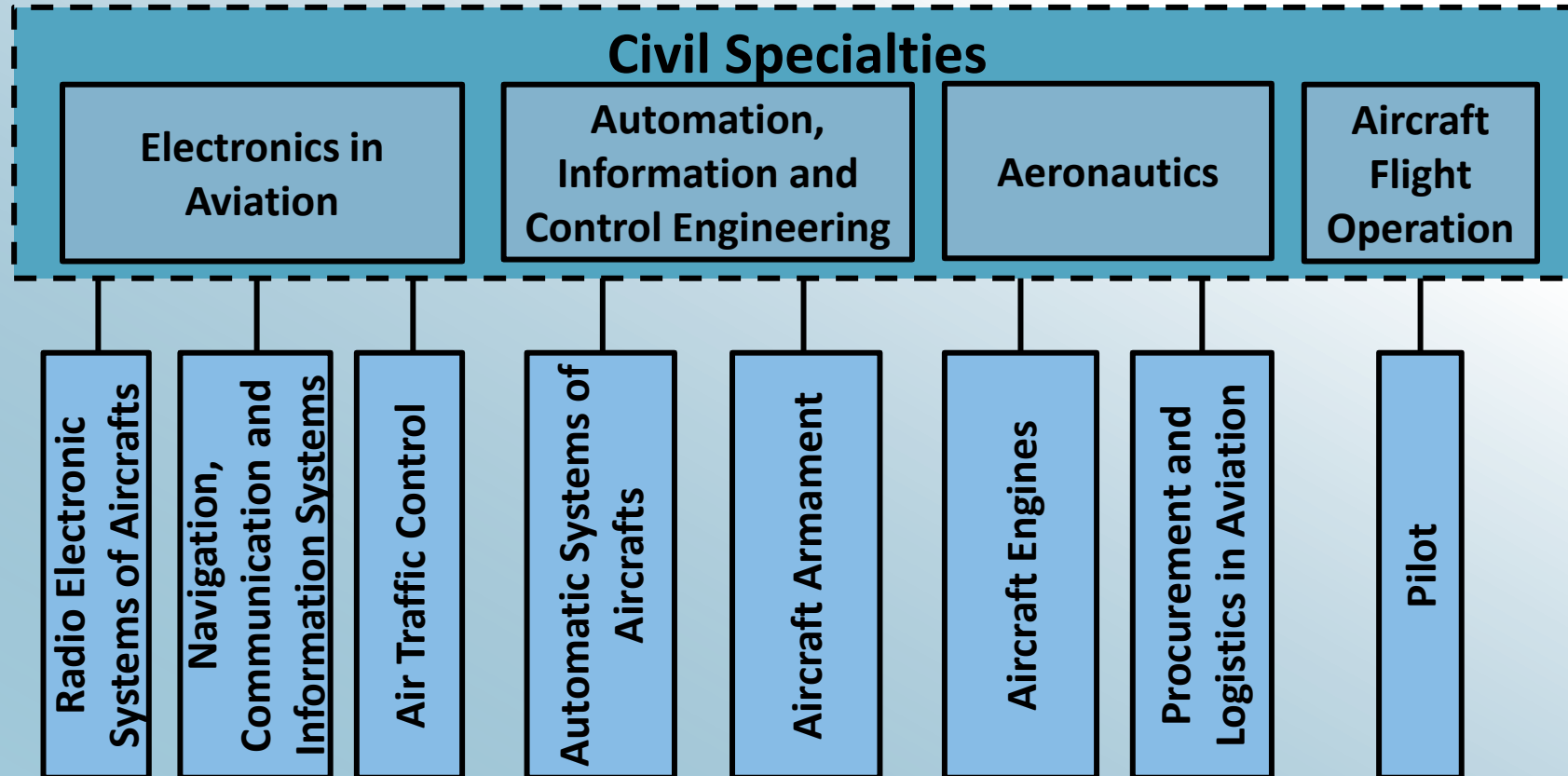
aeronautics industry  
management - MSc

entering into force  
2021



# Education and Training Process

## Military Specializations



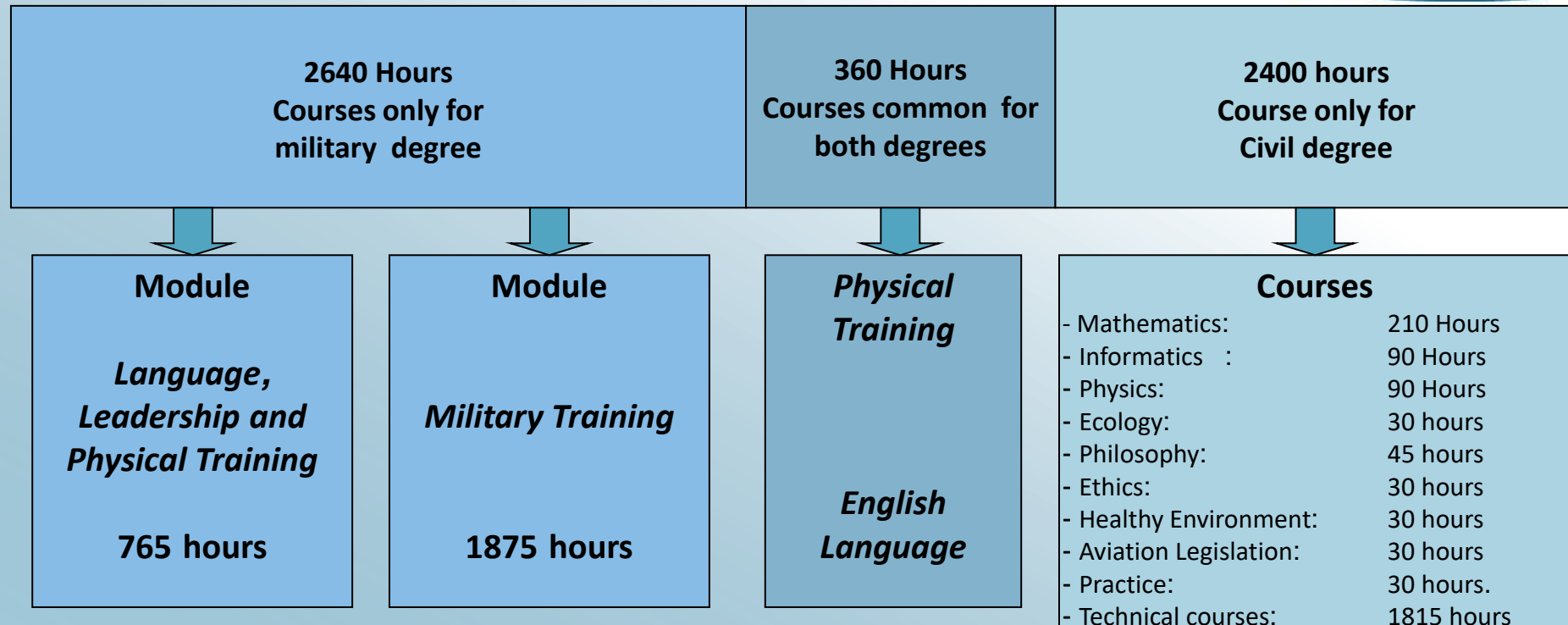




# Education and Training Process

## current Structure of the Curriculum

### 10 Semesters, 5400 Academic hours

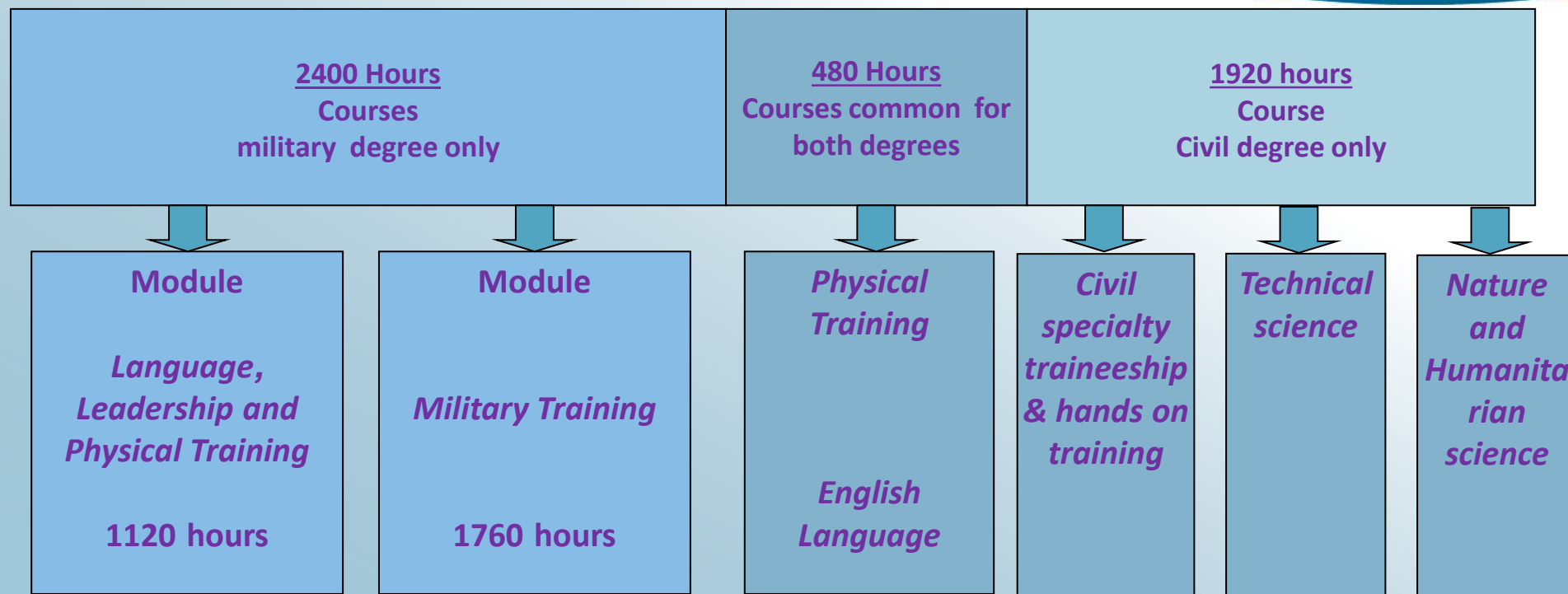




# Education and Training Process

## new Curriculum Structure 2021

### 10 Semesters, 4800 Academic hours





# Education and Training Process

## Civil Specializations

### 2400 H Curriculum BSC

1600 Teaching Hours

800 Teaching hours

1<sup>st</sup> year

2<sup>nd</sup> year

800 teaching hours /  
140 School Days  
≈  
6 HPD

Optional course  
“Additional Pilot license”  
(PPL - T, 266 HOURS)

ii SEMESTER

iii SEMESTER

3<sup>rd</sup> year

4<sup>th</sup> year

400 teaching hours /  
140 School Days  
≈  
3 HPD

### MTEO courses

1400 teaching Hours / 4 semesters

280 teaching hours

5 hours (3 after morning classes + 2 after lunch)

**Pilot License in ATO (PPL - P)**

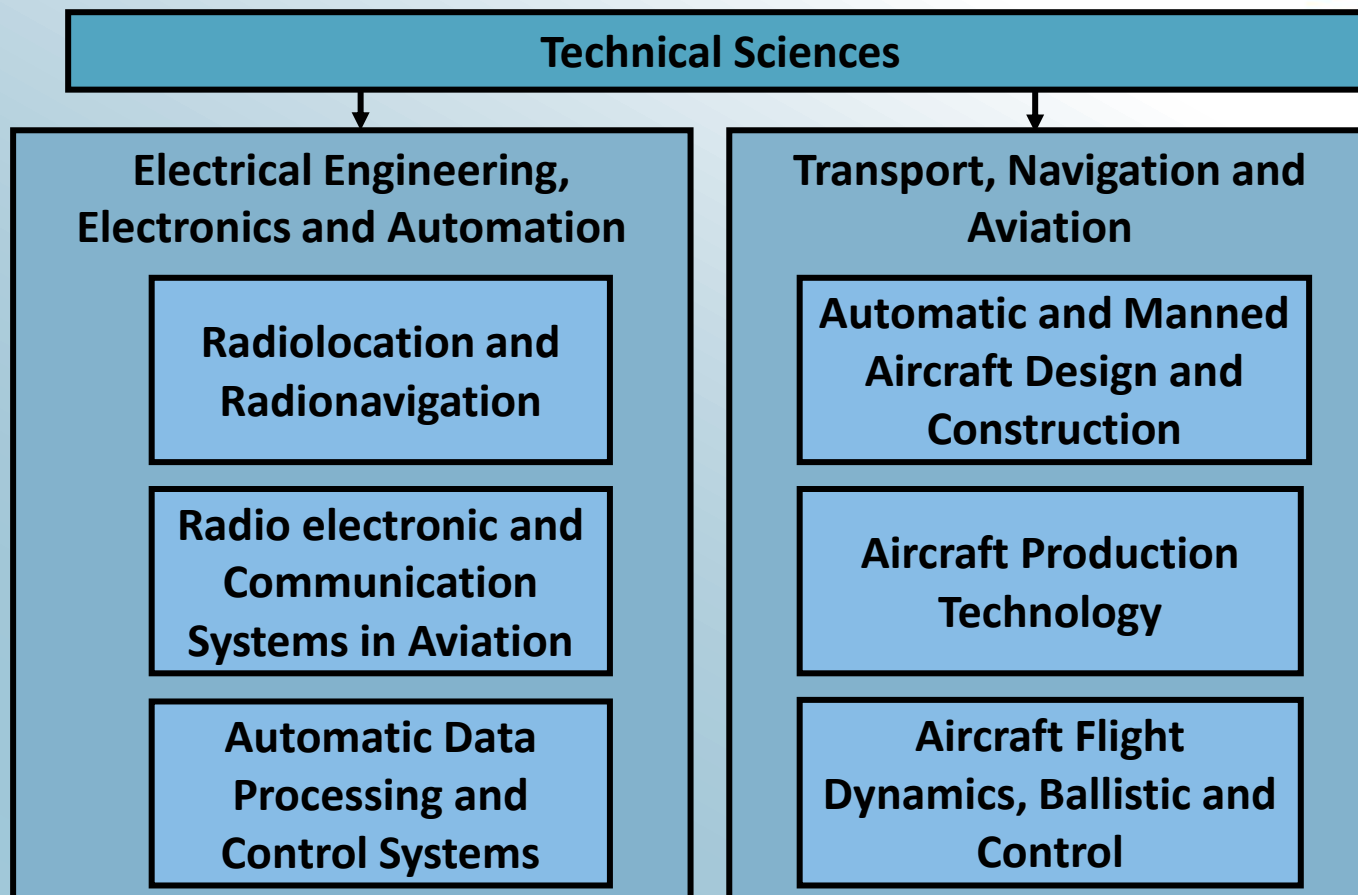
5 semesters





# Education and Training Process

## Ph.D. Programs





## Education and Training Process



### Maintenance Training and examination Organization: Part 147 (MTO)

Approval Certificate № BG 147.0004  
Easy Access Rules for Continuing Airworthiness  
(Regulation (EU) No 1321/2014), Annex IV (Part-147)  
approved by the National civil Aviation Authority  
Regulation (E0) 1231/2014 of the European Commission.

Responsibilities: training and examination of personnel for the civilian aviation.  
On behalf of the competent authority, **MTEO** conducts maintenance personnel examinations, including exams of trainees who have not completed a basic training course, in accordance with requirements listed in Part-66 for categories A, B1, B2 and B3.  
Upon successful completion of an approved basic training course, aircraft training or successful passing of exams, **MTEO** issues certificates in conformity with Appendix III — Certificates of Recognition referred to in Annex IV (Part-147) — EASA Forms 148 and 149

20 Basic Training and 4 Type Training Courses – Cessna 172



## Education and Training Process APPROVED Training Organization:

Meeting the requirements of the legislation of civil aviation in the Republic of Bulgaria, the airfield of “Dolna Mitropolia” received a certificate on the grounds of art. 44, para. 2 of the Civil Aviation Act, and is suitable for performing aviation services involving aircrafts with a maximum takeoff weight of less than 5700 kg.

The certificate was issued to “Georgi Benkovski” Air Force Academy, town of Dolna Mitropolia on the grounds of Ordinance 14: Airports and Airport Security requirements compliance, as well as accordance with the terms and conditions of Chapter Two of Ordinance № 20 and every year, after conducting an inspection, the DG Civil Aviation Administration certifies the validity of the respective year with the Director General’s signature.

The certificate is in operation since 10.09.2020 and is valid until 2030.





## Ongoing projects

1. F-16 block 70 train the trainer program.
2. F-16 Block 70 technicians VR laboratory.
3. F-16 Block 15 teaching aid



# QUESTIONS

COLONEL KOLEV Andriyan  
Deputy Commander Professional Training &  
International Affairs

[int.vicerector@af-acad.bg](mailto:int.vicerector@af-acad.bg)

+359884124382

<https://www.af-acad.bg/>



**BULGARIA**