

# Estonian Aviation Academy 2019 China - Estonia Cooperation Conference

Capacity of the aviation training in Estonia

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### Facts and Figures

- Students 250
- Graduates 730
- Employees 55
- Foundation 1993
- (Tartu Aviation College)
- Main specialisation:
  - Air Traffic Services\*
  - Aircraft Piloting\*
     (Aeroplane & Helicopter)
  - Aircraft Engineering\*
  - Communication and Navigation Systems
  - Aviation Management



\* specialities certified by Civil Aviation Administration and audited by European Aviation Safety Agency



### Aircraft Piloting

#### **Certification and Capabilities**

• EE/ATO/001 - EASA CPL(A,H), ATP(A), MCC

#### **Duration:**

- 2.5 years without Bachelor degree
- 4 years with Bachelor degree

#### Who do PIL students become?

• Graduates receive Commercial Pilot Licence (with ATP theory).

#### Practical training (in cooperation with Pakker Avio)

- single engine training Cessna 172, multi-engine Piper Navajo
- helicopter Robinson R22
- 160 hours on an aircraft, 56 hours on simulator (FNPT II/MCC)

#### Future employers?

All airlines and operators in Estonia and abroad (EASA license)





## **Aviation Maintenance Training**

#### Training certification and capabilities:

• EE.147.0001 - EASA Part 147 Category A, B1, B2

#### **Duration:**

- 4 years with Bachelor Degree
- 2-3 years at Vocational level

#### Who do TECH students become?

- EASA approved aeroplane/helicopter technician (B1.1/B1.3)
- EASA Avionics maintenance and repair of large-scale electrical systems(B2)

#### Future employers?

 All MRO-s in Estonia and Europe, in other countries where EASA license is accepted





### **Air Traffic Services**

#### Certification and Capabilities:

4.7-13/001 - EASA Part ATCO ADI, APP, APS, ACS

#### **Duration:**

- 4 years with Bachelor degree
- 1 year at Vocational level

#### Who do ATS students become?

- TWR controller air traffic control service for aerodrome traffic
- APP controller controls arriving and departing traffic in the terminal areas up to 3000 m
- ACC controller en-route traffic through entire Estonian airspace

#### What is studied?

 All Part ATCO subjects + technology, economics and enterprise, psychology, meteorology, navigation subjects

#### Future employers?

• ANS providers in Estonia and abroad (English language based).





# Communication and Navigation Systems

#### Who do CNS students become?

• Technicians and engineers, who know how to configure communication, navigation and surveillance systems

#### **Duration:**

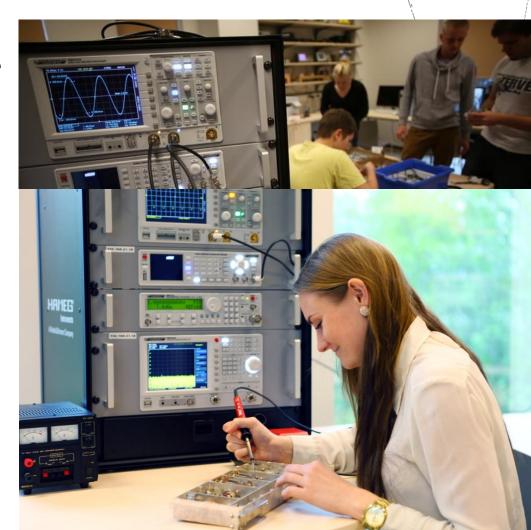
4 years with Bachelor degree

#### What is studied?

 ATSEP subjects + electrical engineering and radio technology, electronics, information technology, data processing and many other fields

#### Future employers?

• Estonian Air Force, EANS, Tallinn Airport and ANS providers abroad





## **Aviation Management**

#### Who do AM students become?

Aviation management specialist with knowledge of economics and enterprise

#### **Duration:**

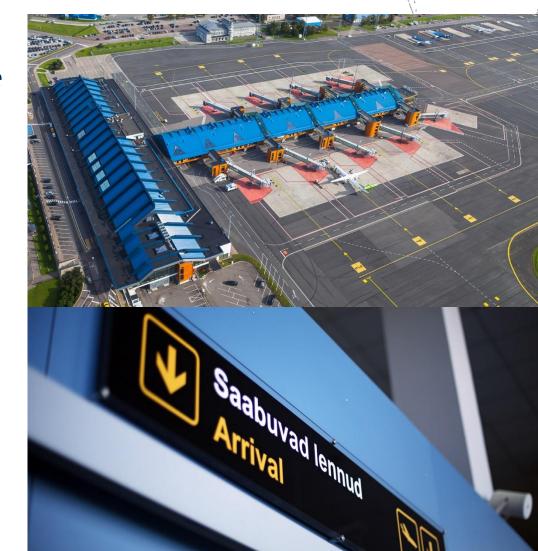
• 4 years with Bachelor degree

#### What is studied?

 Aviation company and booking system management, marketing, economics, accountancy, logistics, flight planning and also general subjects in aviation

### Future employers?

 All airlines, airports, MRO-s and aviation authorities





### Cooperation proposal

- Aviation Management Program for airport and aviation authority specialists and student candidates (Bachelor level or short courses)
- Pilot training for Chinese student candidates (ATPL aeroplane)

