



Aviation Medical Examiners Course

Presented by the Aerospace Medicine Division, University of Pretoria in cooperation with the SAMHS Institute for Aviation Medicine and the Aviation Medicine Department of SACAA

The **Aviation Medical Examiners Course** trains and qualifies medical doctors to comply with the requirements for registration as Designated Aviation Medical Examiners (DAMEs) with the South African Civil Aviation Authority (SACAA). The short course is offered in cooperation with the South African Military Health Services' (SAMHS) Institute for Aviation Medicine to both military and civilian medical doctors and is the only course presented in South Africa that trains and qualifies medical doctors for DAMEs registration. The course is presented over ten contact days (two consecutive weeks).

Course content

The course is based on the *Manual of Civil Aviation Medicine* issued by the International Civil Aviation Organisation (ICAO) and the *Designated Aviation Medical Examiners' Guide* issued by SACAA, in addition to notes, slides and practical demonstrations. The following topics are covered:

- Atmospherology, gas laws and the principles of flight
- Aviation environment physiology
- Ethical aspects of aviation medicine
- Regulatory aspects of aviation medicine
- Clinical aerospace medicine
- Occupational health in the aviation environment
- Practical examination of pilots and air crew
- Practical panel case presentations and evaluations
- Introduction to patient transportation

No course content will be provided in advance. Prior to attending the course, delegates are required to familiarise themselves with information and resources available on the SACAA Aviation Medicine webpages, especially:

- About Medical Certification (<https://goo.gl/Tvhcd4>)
- SACAA DAME Guide (<https://goo.gl/ZVXmPO>)
- Colour Vision Protocol (<https://goo.gl/tvrfmS>)
- Medical Certification (<https://goo.gl/ecnKpT>)
- Medical Examiners (<https://goo.gl/9xSJUN>)
- ICAO Manual (<https://goo.gl/GlzpIB>)

Learning outcomes

After successfully completing this course, you will

- be proficient in performing aviation medical examinations on pilots and other aircrew members, and
- comply with the requirements for registration as a Designated Aviation Medical Examiner with SACAA.

Who should enrol?

This course is ideal for you if you are a medical doctor interested in the field of aviation medicine and seek to register as a DAME.

Successful completion of this course is a requirement for commencing the BSc (Hons) Aerospace Medicine degree offered at the University of Pretoria.

Course fees

R6 103.00 per delegate (VAT incl.)

Course fees include all course materials and refreshments during contact days.

Course fees must be paid in full 14 days prior to course start dates. Proof of payment can be submitted to enrolments@enterprises.up.ac.za.

Admission requirements

Prospective delegates should at least have an MBChB degree and be registered with the HPCSA as a medical doctor.

Assessment

Assessment is conducted in the form a three-hour multiple choice questionnaire on completion (last day) of the course. A pass mark of 60% is required to register as a DAME.

Accreditation and certification

Enterprises University of Pretoria (Pty) Ltd is wholly owned by the University of Pretoria. As a public higher education institution, the University of Pretoria functions in accordance to the Higher Education Act 101 of 1997. Enterprises University of Pretoria offers short courses on behalf of the University and these short courses are not credit-bearing, and do not lead to formal qualifications on the National Qualifications Framework (NQF) – unless stated otherwise. Delegates who successfully complete a short course and comply with the related assessment criteria (where applicable) are awarded certificates of successful completion and/or attendance by the University of Pretoria.

Registration and enquiries

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