

Appreciation Course in Aerospace Engineering

Course Outline

- The principles of flight
- Airframe structure & systems
- Powerplant / Propulsion
- Flight controls
- Various instruments / displays for flight and engine in the cockpit
- The nature and scope of the aerospace industry in Singapore

Trainer's Profile

Mr. Chung Koh Choon graduated from the University of New South Wales (Australia) with a First Class Honours Degree in Mechanical Engineering. He also obtained three Master of Science (MSc) degrees from 2 universities, one from Naval Postgraduate School (USA) in Mechanical Engineering, and the other two from National University of Singapore in Defence Technology & Systems and Mechanical Engineering.

Mr. Chung has been a full-time lecturer with the Polytechnic since 2011. He is currently teaching in several aerospace engineering modules in School of Engineering. In terms of continuing education for adult learners, he is coordinating the part time Diploma in Engineering (Aerospace) as well as teaching some of the courses.

Prior to joining Ngee Ann Polytechnic, he worked in the aerospace design office for 13 years as aircraft design & analysis engineer/manager.