

## 1. Approach Radar Control Code (054)

no	Subject
1	Radar Theory
2	Radar Equipment
3	General Radar Procedures
4	Radar Separation
5	Radar Vectoring
6	Radar Coordination
7	ACAS
8	Emergencies and Unusual Situations
9	Simulator Training

### Course Objectives

- On the completion of the course, the trainee will be able to:
  - Explain the principles of operation of Primary and Secondary Surveillance Radar (SSR) systems.
  - Describe the factors which may affect the performance of Primary and Secondary Surveillance Radar systems.
  - Describe the methods of displaying SSR derived information.
  - Operate radar equipment.
  - Update and maintain a traffic display to the required standard of accuracy.
  - Identify radar targets using radar display in accordance with published procedures.
  - Apply standard phraseology pertaining to Radar Control.
  - Vector aircraft within radar control sector.
  - Maintain the prescribed radar separation.
  - Sequence and maintain a safe, orderly and expeditious flow of air traffic.
  - Monitor known air traffic to provide aircraft concerned with information or advice relative to any significant deviations from their ATC clearances.
  - Carry out transfer of radar identity/control including coordination with Aerodrome, Area control, or other ATC units in accordance with published procedures.
  - Take appropriate action in the event of a miss-approach aircraft, diversions aircraft, radio communication failure, radar equipment failure and emergency aircraft.