

1. Area Radar Control CODE (054A)

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

Course Objectives

- After having successfully completed this course, the trainee will be able to:
 - Explain principles of operation of primary and secondary surveillance radar (SSR) systems.
 - Operate radar equipment in accordance with the *Control User Guide*.
 - Update and maintain a traffic display quickly and accurately.
 - Identify primary and SSR radar targets using radar display in accordance with published radar procedures.
 - Apply standard phraseology as applied to area radar control.
 - Vector aircraft within en-route or area radar sector.
 - Maintain the prescribed radar or non-radar separation.
 - Monitor known air traffic to provide aircraft concerned with information or advice relative to any significant deviations from their ATC clearances.
 - Control aircraft within an air-route or area radar sector.
 - Maintain a safe, orderly and expeditious flow of air traffic.
 - Carry out transfer of radar identity/control including co-ordination with approach control, adjacent ACCs/sectors, or other ATC units in accordance with published procedures.

Target population

- Licensed approach and area non- radar controllers, or graduates of the approach and area control procedural courses (ICAO 053-055)