



**JATS**

الأردنية لتدريب الطيران والتدريب التشبيهي  
JORDAN AIRLINE TRAINING AND SIMULATION

# PART (2)

***ENGINEERING***

***&***

***MAINTENANCE  
COURSES***

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*Technical Training*

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## PART (2)

### ENGINEERING / MAINTENANCE COURSES

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COURSE TITLE: Basic Gas Turbines

INTENDED FOR: Candidates who work or are to work on Gas Turbine Engines.

OBJECTIVE: To develop the knowledge of candidates and prepare them to study specific Engines

PREREQUISITE : None

DURATION: 2 WEEKS (10 working days )

DATES :  
- 10 February 2010  
- 24 August 2010

RESERVATION : 3 week before starting date

MINIMUM NUMBER : 8 trainees

COURSE TITLE: Basic Avionics

INTENDED FOR: Electrical, Radio and Instrument Engineers or newly enrolled technicians.

OBJECTIVE: To develop the knowledge of candidates and prepare them to study specific Engines

PREREQUISITE : None

DURATION: 2 WEEKS (10 working days )

DATES :

- 20 January 2010
- 11 April 2010
- 6 July 2010
- 14 September 2010
- 16 November 2010

RESERVATION : 3 week before starting date

MINIMUM NUMBER : 8 trainees

Course Code: ME3

COURSE TITLE: AIRBUS A310 / A300-600 Line & Base  
Mech./ Elec./ Avionics Systems

This course is delivered mainly as Ground School in VACBI stations (Video & Computer Base Instruction) with cockpit mock up and (OPTIONAL) Maintenance Training Simulator (MTS) in a flight Simulator environment for (14) Hours .

INTENDED FOR: Qualified Airframe and Power plant & Electrical / Avionics engineers and mechanics with pressurized aircraft background working on the line.

OBJECTIVE: To introduce the A310 aircraft and its systems.

PREREQUISITE : A & P License / Avionics Certificate  
OR Engineering Certificate

DURATION: - 7 WEEKS ( 35 working days Ground School)  
- 14 Hours MTS ( Maintenance Training Simulator) ( Optional )

DATES : Upon Request

RESERVATION : 3 week before starting date

MINIMUM NUMBER : None

COURSE TITLE:        **AIRBUS A310/A300-600 Airframe & Systems**

This course is delivered mainly as Ground School in VACBI stations (Video & Computer Base Instruction) with cockpit mock up and (OPTIONAL) Maintenance Training Simulator (MTS) in a flight Simulator environment for (14) Hours .

INTENDED FOR:        Qualified Airframe and Power plant engineers and mechanics with pressurized aircraft background

OBJECTIVE:            To introduce the A310 aircraft and its systems.

PREREQUISITE :        A & P License OR Engineering Certificate

DURATION:            - 7 WEEKS ( 35 working days Ground School)  
                                  - 14 Hours MTS ( Maintenance Trining Simulator) ( Optional)

DATES :                 Upon Request

RESERVATION :        3 week before starting date

MINIMUM NUMBER :    None

Course Code: ME5

COURSE TITLE:        **AIRBUS A310/ A300-600 Electrical / Avionics Systems**

This course is delivered mainly as Ground School in VACBI stations (Video & Computer Base Instruction) with cockpit mock up and (OPTIONAL) Maintenance Training Simulator (MTS) in a flight Simulator environment for (14) Hours .

INTENDED FOR:        Qualified Electrical & Radio Engineers and Technicians.

OBJECTIVE:            To explain the specific type A310 / 300-600 aircraft systems emphasizing on the electrical diagrams.

PREREQUISITE :        Engineering Certificate OR Avionics License

DURATION:            - 7 WEEKS ( 35 working days )  
                                  - 14 Hours MTS ( Optional )

DATES :                 Upon Request

RESERVATION :        3 week before starting date

MINIMUM NUMBER :   None

Course Code: ME6

COURSE TITLE: AIRBUS A310/A300-600 Differences course

This course is delivered mainly as Ground School in VACBI stations (Video & Computer Base Instruction) with cockpit mock up.

INTENDED FOR: Qualified engineers and mechanics on the A310 Aircraft.

OBJECTIVE: To introduce the systems Differences between the different Aircrafts.

PREREQUISITE : A & P license/Avionics Certificate OR Engineering Certificate With A310 Maintenance course.

DURATION: 5 working days

DATES : Upon Request

RESERVATION : 3 week before starting date

MINIMUM NUMBER : None

Course Code: ME7

COURSE TITLE:           **AIRBUS A319 / A320 / A321 Line & Base  
Mech./ Elec./ Avionics Systems**

This course is delivered mainly as Ground School in VACBI stations (Video & Computer Base Instruction) with cockpit mock up and ( Optional ) Maintenance Training Simulator (MTS) in a flight Simulator environment for (14) Hours.

INTENDED FOR:           Qualified engineers and mechanics with pressurized aircraft background Working On The Line.

OBJECTIVE:                To introduce the aircraft and its systems.

PREREQUISITE :           A & P license / Avionics Certificate OR Engineering Certificate

DURATION:               - 7 WEEKS ( 35 working days )  
- 14 Hours MTS ( Optional )

DATES :                    Upon Request

RESERVATION :           3 week before starting date

MINIMUM NUMBER :   None

COURSE TITLE:        **AIRBUS A319 / A320 / A321 Airframe & Systems**

This course is delivered mainly as Ground School in VACBI stations (Video & Computer Base Instruction) with cockpit mock up and ( Optional ) Maintenance Training Simulator (MTS) in a flight Simulator environment for (14) Hours.

INTENDED FOR:        Qualified Airframe and power plant engineers and mechanics with pressurized aircraft background.

OBJECTIVE:            To introduce the aircraft and its systems.

PREREQUISITE :        A & P license Certificate OR Engineering Certificate

DURATION:            - 7 WEEKS ( 35 working days )  
                                  - 14 Hours MTS ( Optional )

DATES :                Upon Request

RESERVATION :        3 week before starting date

MINIMUM NUMBER :    None

COURSE TITLE:        AIRBUS A319 / A320 / A321  
Electrical / Avionics Systems

This course consists of Ground School classroom training using Video and Computer Based instruction (VACBI) as well as Maintenance Training Simulator (MTS) on the simulator ( Optional ), normally scheduled for (14 ) Hours.

INTENDED FOR:        Qualified Electrical & Radio Engineers and Technicians (Electrical, Radio, and Instruments).

OBJECTIVE:            To explain the specific type of aircraft with special reference to electrical diagrams.

PREREQUISITE :        Engineering Certificate OR Avionics License

DURATION:            - 7 WEEKS ( 35 working days )  
- 14 Hours MTS ( Optional )

DATES :                Upon Request

RESERVATION :        3 week before starting date

MINIMUM NUMBER :    None

COURSE TITLE: AIRBUS A319 / A320 / A321 Differences course

This course is delivered mainly as Ground School in VACBI stations (Video & Computer Base Instruction) with cockpit mock up .

INTENDED FOR: Qualified engineers and mechanics on the A320 Aircraft.

OBJECTIVE: To introduce the systems Differences between the different Aircrafts.

PREREQUISITE : A & P license / Avionics Certificate OR Engineering Certificate With A320 Maintenance course.

SYLLABUS: System differences between the A320 / A319 / A321 Aircraft.

DURATION: 3 working days

DATES : Upon Request

RESERVATION : 3 week before starting date

MINIMUM NUMBER : None

COURSE TITLE: A340 LINE & BASE MECHANICAL /  
ELECTRICAL / AVIONICS

INTENDED FOR: Qualified engineers, mechanics and technicians with pressurized aircraft background working on the line.

OBJECTIVE: To introduce the A340 aircraft and its systems.

PREREQUISITE : Engineering Certificate OR Avionics License

DURATION: 7 weeks ( 35 working days )

DATES : Upon Request

RESERVATION : 3 week before starting date

MINIMUM NUMBER : None

Course Code: ME12

COURSE TITLE: AIRBUS A340 / A330 ( Trent 700 Engine )  
Differences course

INTENDED FOR: Qualified engineers and mechanics On the  
A340 Aircraft.

OBJECTIVE: To introduce the systems Differences  
between the different Aircrafts.

PREREQUISITE : A & P license / Avionics Certificate OR  
Engineering Certificate With A340  
Maintenance course.

DURATION: 5 working days

DATES : Upon Request

RESERVATION : 3 week before starting date

MINIMUM NUMBER : None

COURSE TITLE: CF6-80C2A1 / A3 Engine Maintenance

INTENDED FOR: Qualified engineers and mechanics with good educational background and jet engine experience.

OBJECTIVE: This is a conventional classroom instruction course, which introduces the CF6-80C2A1 / A3 Engine and its systems.

PREREQUISITE : All candidates must successfully complete the Basic Gas Turbine course.

DURATION: 2 WEEKS ( 10 working days )

DATES :  
- 13 april 2010  
- 7 December 2010

RESERVATION : 3 week before starting date

MINIMUM NUMBER : 10 trainees

COURSE TITLE: CF6-80C2A2 Engine Run Up

This course consists of one day ground school classroom covering safety precautions, engine run procedure, emergency procedures, engine testing and 12 (twelve) hours in the A310 Simulator, 4 (Four) of which in a full motion simulator.

INTENDED FOR: Candidates with experience on CF6-80C2A2 Engine.

OBJECTIVE: To prepare candidates to achieve the required qualification and certification to run the engine.

PREREQUISITE : CF6-80C2A2 Engine Maintenance Course.

DURATION: 4 Days

DATES : Upon Request

RESERVATION : 3 week before starting date

MINIMUM NUMBER : 2 trainees

COURSE TITLE: CFM 56-5 Engine Maintenance

INTENDED FOR: Engineers and mechanics with Jet Engine experience after successfully attending Basic Gas Turbine Course.

OBJECTIVE: This course is provided as a conventional ground school training plus at least one visit to the engine overhaul facility to provide hands-on training on the engine.

PREREQUISITE : A & P License / Engineer

DURATION: 2 WEEKS ( 10 working days )

DATES :  
- 17 February 2010  
- 10 August 2010

RESERVATION : 3 week before starting date

MINIMUM NUMBER : 10 trainees

COURSE TITLE: CFM 56 – 5A Engine Run Up

This course consists of one day ground school classroom covering safety precautions, engine run procedure, emergency procedures, engine testing and 12 (twelve) hours in the A320 Simulator, 4 (Four) of which in a full motion simulator.

INTENDED FOR: Candidates with experience on CFM 56 -5A Engine.

OBJECTIVE: To prepare candidates to achieve the required qualification and certification to run the engine

PREREQUISITE : CFM 56 – 5A Engine Maintenance Course.

DURATION: 4 Days

DATES : Upon Request

RESERVATION : 3 week before starting date

MINIMUM NUMBER : 2 trainees

COURSE TITLE: V2500 Engine Maintenance

INTENDED FOR: Engineers and mechanics with Jet Engine experience after successfully attending Basic Gas Turbine Course.

OBJECTIVE: This course is provided as a conventional ground school training plus at least one visit to the engine overhaul facility to provide hands-on training on the engine.

PREREQUISITE : A & P License / Engineer

DURATION: 2 WEEKS ( 10 working days )

DATES :

- 27 January 2010
- 20 July 2010
- 5 October 2010

RESERVATION : 3 week before starting date

MINIMUM NUMBER : 10 trainees

COURSE TITLE: V2500 Engine Run Up

This course consists of one day ground school classroom covering safety precautions, engine run procedure, emergency procedures, engine testing and 12 (Twelve) hours in the A320 Simulator, 4 (Four) of which in a full motion simulator.

INTENDED FOR: Candidates with experience on V2500 Engine.

OBJECTIVE: To prepare candidates to achieve the required qualification and certification to run the engine.

PREREQUISITE : V2500 Engine Maintenance Course

DURATION: 4 Days

DATES : Upon Request After January 2010

RESERVATION : 3 week before starting date

MINIMUM NUMBER : 2 trainees

COURSE TITLE: CF6 - 80C2A2 / JT9D / PW4000 Engine Differences

INTENDED FOR: Candidates with experience on V2500 Engine.

OBJECTIVE: This course is provided as a conventional ground school training plus at least one visit to the engine overhaul facility to provide hands-on training on the engine.

PREREQUISITE :

- A & P License / Engineer
- One of the three types Engine Maintenance Course.
- A310 Maintenance course.

DURATION: 4 Working days

DATES : Upon Request

RESERVATION : 3 week before starting date

MINIMUM NUMBER : None

COURSE TITLE: CFM56-5A / V2500 Engine Differences

INTENDED FOR: Engineers and mechanics with Jet Engine experience after successfully Passed a CFM56-5A OR V2500 Type maintenance Course.

OBJECTIVE: This course is provided as a conventional ground school training plus at least one visit to the engine overhaul facility to provide hands-on training on the engine.

PREREQUISITE :

- A & P License / Engineer
- CFM56-5A Or V2500 Engine Maintenance Course.

DURATION: 2 Working Days

DATES : Upon Request

RESERVATION : 3 week before starting date

MINIMUM NUMBER : None

COURSE TITLE: Aircraft Inspection Course

A conventional classroom course that introduces approved methods and procedures to carry out aircraft inspection.

INTENDED FOR: Qualified aircraft inspectors, engineers and mechanics involved in aircraft maintenance and inspection.

OBJECTIVE: To familiarize candidates with Federal Aviation Regulations (FAR) and Joint Aviation Requirements (JAR) and the inspection of aircraft structure and systems.

PREREQUISITE :

- A & P License / Engineer
- CFM56-5A Or V2500 Engine Maintenance Course.

DURATION: 2 WEEKS

DATES :

- 16 March 2010
- 21 September 2010

RESERVATION : 3 week before starting date

MINIMUM NUMBER : 10 Trainees

COURSE TITLE: AIRCRAFT MAINTENANCE MANAGEMENT

INTENDED FOR: Maintenance Management Personnel.

OBJECTIVE: The Participants will be offered a program of maintenance management techniques which is designed to give information to both new and experienced management personnel.

PREREQUISITE : None

DURATION: 6 DAYS

DATES :

- 24 February 2010
- 25 May 2010
- 21 December 2010

RESERVATION : 3 week before starting date

MINIMUM NUMBER : 8 Trainees

COURSE TITLE: Human Factors for Aircraft Maintenance Engineers

INTENDED FOR: All maintenance personnel

OBJECTIVE: To improve safety standards, reduce errors and prevent accidents

PREREQUISITE : None

DURATION: 2 DAYS

DATES :

- 3 February 2010
- 23 March 2010
- 18 May 2010
- 14 September 2010
- 2 November 2010

RESERVATION : 3 week before starting date

MINIMUM NUMBER : 8 Trainees

COURSE TITLE: STORES MANAGEMENT

INTENDED FOR: Personnel working in Stores and Material Department

OBJECTIVE:

- To learn how to organize stores.
- To have good understanding of stores functions.
- To develop the ability to determine inventory levels.

PREREQUISITE : None

DURATION: 3 WORKING DAYS

DATES :

- 20 April 2010
- 28 September 2010

RESERVATION : 3 week before starting date

MINIMUM NUMBER : 8 Trainees

COURSE TITLE: AIRCRAFT MATERIAL PLANNING

INTENDED FOR: Material Department People Department

OBJECTIVE:

- To have good understanding of materials and logistics management practices.
- To develop the ability to plan, purchase and invest in materials.
- To determine expenables inventory, purchasing quality and supplier approval.

PREREQUISITE : None

DURATION: 5 WORKING DAYS

DATES :

- 9 March 2010
- 8 June 2010
- 10 August 2010

RESERVATION : 3 week before starting date

MINIMUM NUMBER : 8 Trainees