

# Model Curriculum

## Airline Network Planning Analyst

**SECTOR:** AEROSPACE AND AVIATION  
**SUB-SECTOR:** AIRLINE  
**OCCUPATION:** OPERATIONS  
**REF ID:** AAS/Q0609  
**NSQF LEVEL:** 4



## Certificate

**CURRICULUM COMPLIANCE TO  
QUALIFICATION PACK – NATIONAL OCCUPATIONAL STANDARDS**  
is hereby issued by the

**AEROSPACE & AVIATION SECTOR SKILL COUNCIL (AASSC)**  
for the

### MODEL CURRICULUM

Complying to the National Occupational Standards of  
Job Role/Qualification Pack : **"Airline Network Planning Analyst"** QP No. AAS/Q0609 NSQF level 4



(Authorised signatory)  
Aerospace & Aviation Sector Skill Council (AASSC)

Date of issuance : 11 July 2017  
Valid up to : 10 July 2018  
\* Valid up to the next review date of the Qualification Pack

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## Airline Network Planning Analyst

### CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a “Airline Network Planning Analyst”, in the “Aerospace & Aviation” Sector/Industry and aims at building the following key competencies amongst the learner

Program Name	Airline Network Planning Analyst		
Qualification Pack Name & Reference ID.	AAS/Q0609		
Version No.	1.0	Version Update Date	15 – 03 - 2017
Pre-requisites to Training	Graduate		
Training Outcomes	<p>After completing this programme, participants will be able to;</p> <ul style="list-style-type: none"> <li>• Manage the airline's network</li> <li>• Primarily focus on the production of feasibility studies into new routes</li> <li>• Monitoring the financial performance of the existing network</li> <li>• Take remedial action in conjunction with the scheduling section</li> <li>• Achieve basic communication skills and good inter-personal skills.</li> <li>• Acquire abilities to stand and walk for long periods of time consistent kneeling, squatting and reaching above the head with caution to avoid accidents.</li> </ul>		

This course encompasses 2 out of 2 National Occupational Standards (NOS) of “Airline Network Planning Analyst” Qualification Pack issued by “Aerospace & Aviation Sector Skill Council (AASCC)”.

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	<p><b>Perform network planning analysis</b>  <b>Theory Duration</b> (hh:mm)  <b>100:00</b>  <b>Practical Duration</b>            (hh:mm)  <b>108:00</b>  <b>Corresponding NOS Code</b>  <b>AAS/N0617</b></p>	<p>Candidates will be able to;</p> <ul style="list-style-type: none"> <li>• perform review of route performance against targets and report on deviations requiring management intervention</li> <li>• undertake route evaluation and conduct research to identify new routes and opportunities for the airline</li> <li>• build relationships with other airports through the Network Planning forums, such as the World Routes events.</li> <li>• develop long term plan and planning model for the future scope and shape of the airline</li> <li>• monitor competitor airlines, in terms of schedules, product, fleet mix etc. and report back to Senior Management</li> <li>• monitor weekly and monthly financial results, identifying anomalies, emergence of trends, opportunities and threats that require further analysis</li> <li>• create P&amp;L models to test long term strategic network scenarios and evaluate network P&amp;L impact of various network scenarios</li> <li>• develop revenue and Air Space Management (ASM) forecasts at the equipment, route, and holistic network level</li> <li>• work in cross-functional teams to develop analysis and test scenarios to support route launch decisions</li> <li>• evaluate alliance partnership /codeshare/potential consolidation scenarios' annual contribution to network P&amp;L</li> <li>• maintain cost models used in route forecasting</li> <li>• prepare network strategy presentations and develop relevant material for the senior management team, the board and affiliated government bodies</li> <li>• conduct aircraft assessment and evaluation of potential changes to the fleet mix and aircraft configuration</li> <li>• undertake ad hoc project work and presentations, providing relevant</li> </ul>	<p>White/Black board, Markers, computer and projector, trainer's guide, student handbook, PC with flight information system software</p>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		analysis and expertise as required <ul style="list-style-type: none"> <li>assist in the preparation of the Budget Operating Plan documents for distribution to senior management</li> <li>prepare all management reports as required by the organization</li> </ul>	
2	<b>Work Effectively in a Team</b> <b>Theory Duration (hh:mm)</b> <b>13:00</b> <b>Practical Duration (hh:mm)</b> <b>19:00</b> <b>Corresponding NOS Code</b> <b>AAS / N0503</b> <b>Theory Duration (hh:mm)</b> <b>16:00</b> <b>Practical Duration (hh:mm)</b> <b>23:00</b>	Candidates will be able to; <ul style="list-style-type: none"> <li>display courteous and helpful behaviour at all times.</li> <li>take opportunities to enhance the level of assistance offered to colleagues.</li> <li>meet all reasonable requests for assistance within acceptable workplace timeframes.</li> <li>complete allocated tasks as required.</li> <li>seek assistance when difficulties arise.</li> <li>use questioning techniques to clarify instructions or responsibilities.</li> <li>identify and display a non-discriminatory attitude in all contacts with customers and other staff members.</li> <li>observe appropriate dress code and presentation as required by the workplace, job role and level of customer contact.</li> <li>follow personal hygiene procedures according to organisational policy and relevant legislation.</li> <li>interpret, confirm and act on workplace information, instructions and procedures relevant to the particular task</li> <li>interpret, confirm and act on legal requirements in regard to antidiscrimination, sexual harassment and bullying.</li> <li>ask questions to seek and clarify workplace information.</li> <li>plan and organise daily work routine within the scope of the job role</li> <li>prioritise and complete tasks according to required timeframes</li> <li>identify work and personal priorities and achieve a balance between competing priorities</li> </ul>	White/Black board/ Chart paper, Markers/Computer and projector, trainer's guide, student handbook, video film demonstrating typical questioning techniques
	<b>Total Duration</b> <b>Theory Duration (hh:mm)</b> <b>113:00</b> <b>Practical Duration (hh:mm)</b> <b>127:00</b>	Unique equipment used; <ul style="list-style-type: none"> <li>PC/ laptop/ palmtop with air space management software</li> <li>ERP software like SAP, Tally, etc.</li> </ul>	

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**Grand Total Course Duration: 240 Hours, 0 Minutes**

*(This syllabus/ curriculum has been approved by [Aerospace & Aviation Sector Skill Council](#))*

## Trainer Prerequisites for Job role: “Airline Network Planning Analyst” mapped to Qualification Pack: “AAS/Q0609”

Sl. No.	Area	Details
1	Description	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack “AAS/Q0609”.
2	Personal Attributes	Aptitude for conducting training, and pre/ post work to ensure competent, employable candidates at the end of the training. Strong communication skills, interpersonal skills, ability to work as part of a team; a passion for quality and for developing others; well- organised and focused, eager to learn and keep oneself updated with the latest in the mentioned field.
3	Minimum Educational Qualifications	Graduate
4a	Domain Certification	Statutory Certificate from Aerospace & Aviation Sector Skill Council (AASCC) for Job Role: “ <u>Airline Network Planning Analyst</u> ” mapped to QP: “AAS/Q0609”. Minimum accepted score for domain certification will be 80%.
4b	Platform Certification	Recommended that the Trainer is certified for the job role “Trainer” mapped to the Qualification Pack : “MEP/Q 0102”. Minimum accepted percentage as per respective SSC guidelines is 80%.
5	Experience	2-3 years of experience



## Annexure: Assessment Criteria

Assessment Criteria	
Job Role	Airline Network Planning Analyst
Qualification Pack	AAS/Q0609
Sector Skill Council	Aerospace & Aviation

### Guidelines for Assessment

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC
2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC
3. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below)
4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criteria
5. To pass the Qualification Pack, every trainee should score a minimum of 70% in aggregate
6. The marks are allocated PC wise, however, every NOS will carry a weightage in the total marks allocated to the specific QP

Assessment outcomes	Assessment Criteria for outcomes	Total Marks	Out of	Marks Allocation	
				Theory	Skills Practical
1. AAS/N0617 Perform network planning analysis	PC1. perform review of route performance against targets and report on deviations requiring management intervention	100	7	3	4
	PC2. undertake route evaluation and conduct research to identify new routes and opportunities for the airline		7	3	4
	PC3. build relationships with other airports through the Network Planning forums, such as the World Routes events.		6	3	3
	PC4. develop long term plan and planning model for the future scope and shape of the airline		7	3	4
	PC5. monitor competitor airlines, in terms of schedules, product, fleet mix etc. and report back to Senior Management		7	3	4
	PC6. monitor weekly and monthly financial results, identifying anomalies, emergence of trends, opportunities and threats that require further analysis		6	3	3
	PC7. create P&L models to test long term strategic network scenarios and evaluate network P&L impact of various network scenarios		6	3	3
	PC8. develop revenue and ASM forecasts at the equipment, route, and holistic network level		6	3	3
	PC9. work in cross-functional teams to develop analyses and test scenarios to support route launch decisions		6	3	3
	PC10. evaluate alliance partnership/codeshare/potential consolidation scenarios' annual contribution to network P&L		6	3	3
	PC11. maintain cost models used in route forecasting		6	3	3
	PC12. prepare network strategy presentations and develop relevant materials for the senior management team, the board, and affiliated government bodies		6	3	3

	PC13. conduct aircraft assessment and evaluations of potential changes to the fleet mix and aircraft configuration		6	3	3
	PC14. undertake ad hoc project work and presentations, providing relevant analysis and expertise as required		6	3	3
	PC15. assist in the preparation of the Budget Operating Plan documents for distribution to senior management		6	3	3
	PC16. prepare all management reports as required by the organization		6	3	3
		<b>Total</b>	<b>100</b>	<b>48</b>	<b>52</b>
			Marks Allocation		
Assessment outcomes	Assessment Criteria for outcomes	Total Marks	Out of	Theory	Skills Practical
AAS / N0503 Work Effectively as a Team	PC1. display courteous and helpful behaviour at all times.	<b>100</b>	8	3	5
	PC2. take opportunities to enhance the level of assistance offered to colleagues.		7	3	4
	PC3. meet all reasonable requests for assistance within acceptable workplace timeframes.		8	3	5
	PC4. complete allocated tasks as required.		7	3	4
	PC5. seek assistance when difficulties arise.		7	3	4
	PC6. use questioning techniques to clarify instructions or responsibilities.		7	3	4
	PC7. identify and display a non discriminatory attitude in all contacts with customers and other staff members.		7	3	4
	PC8. observe appropriate dress code and presentation as required by the workplace, job role and level of customer contact.		7	3	4
	PC9. follow personal hygiene procedures according to		7	3	4

	organisational policy and relevant legislation.				
	PC10. interpret, confirm and act on workplace information, instructions and procedures relevant to the particular task.		7	3	4
	PC11. interpret, confirm and act on legal requirements in regard to anti-discrimination, sexual harassment and bullying.		7	3	4
	PC12. ask questions to seek and clarify workplace information.		7	3	4
	PC13. plan and organise daily work routine within the scope of the job role.		7	3	4
	PC14. prioritise and complete tasks according to required timeframes.		7	3	4
	PC15. identify work and personal priorities and achieve a balance between competing priorities.		7	3	4
	<b>Total</b>		<b>100</b>	<b>42</b>	<b>58</b>