



REPUBLIC OF KENYA

NATIONAL OCCUPATIONAL STANDARDS

FOR

AIRPORT OPERATIONS MANAGER

KNQF LEVEL 6

ISCED PROGRAMME CODE: 1015 554 A



TVET CDACC
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APPLY AIRPORT ECONOMICS

TVET CDACC UNIT CODE: LOG/OS/AO/CR/08/6/MA

UNIT DESCRIPTION

This unit specifies the competencies required to apply airport economics. It involves applying airport economic principles, evaluating airport economic aspects, reviewing economic work and maintaining airport economic policies.

ELEMENTS AND PERFORMANCE CRITERIA

ELEMENT These describe the key outcomes which make up workplace function .	PERFORMANCE CRITERIA These are assessable statements which specify the required level of performance for each of the elements. <i>Bold and italicized terms are elaborated in the range.</i>
1. Apply airport economic principles	1.1 Knowledge of <i>economic principles</i> are developed and applied. 1.2 <i>Microeconomic theory</i> of markets is applied based on the financial products. 1.3 Capital adequacy regulation and requirements are applied based on work functions.
2. Evaluate airport economic aspects	2.1 <i>Financial modeling techniques</i> are applied to economic data in decision making. 2.2 Asset pricing models and their application are established as per the SOPs. 2.3 Models of determining organizational value in relation to capital structures are applied.
3. Review economic work	3.1 Economic performance methods are established and applied as per the work place procedures. 3.2 Economic performance work is analyzed. 3.3 Economic work is evaluated in the context of economic principles
4. Maintain airport economic policies	4.1 Current economic theories and their impact on the industry are analyzed and applied based on economic performance. 4.2 Contemporary economic principles are integrated into

	work practices as per the SOPs.
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RANGE

This section provides work environments and conditions to which the performance criteria apply. It allows for different work environment and situations that will affect performance.

Variable	Range
1. Economic principles include but not limited to:	<ul style="list-style-type: none"> • Market equilibrium • Command and mixed economies • Inflation, deflation and stagflation • Gross domestic product (gdp) • Direct and indirect taxes, subsidies • Cause and effect.
2. Microeconomic theory of markets include but not limited to:	<ul style="list-style-type: none"> • Monopoly and competition • Scarcity • Opportunity cost • Market failure • Resource allocation • Fixed and variable costs • Average and marginal costs.
3. Financial modeling techniques include but are not limited to	<ul style="list-style-type: none"> • Net Present Value (NPV) • break-even analysis • yield curves • forecasting cash inflow and outflow • discounted cash flow

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit of competency.

Required skills

The individual needs to demonstrate the following skills:

- Analytical
- Adaptability
- Communication
- Critical-thinking

Required knowledge

The individual needs to demonstrate knowledge of:

- Economic theories and valuation of assets.
- Financial modeling techniques and tools.
- Industry/company financial markets, products and services.
- Relevant legislation and statutory requirements and industry codes of practice.
- Techniques and tools for evaluation and interpretation of research data.
- Economic and political climate relating to the financial industry.

EVIDENCE GUIDE

This provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge and range.

1. Critical Aspects of Competency	Assessment requires evidence that the candidate: 1.1 Demonstrated the ability to apply airport economic principles. 1.2 Demonstrated the ability to evaluate airport economic aspects. 1.3 Demonstrated the ability to review economic work. 1.4 Demonstrated the ability to maintain airport economic policies.
2. Resource Implications	The following resources should be provided: 2.1 Access to relevant workplace where assessment can take place 2.2 Appropriately simulated environment where assessment can take place 2.3 Resources relevant to proposed activity or task.
3. Methods of Assessment	Competency may be accessed through: 3.1 Observation 3.2 Written tests 3.3 Oral questioning 3.4 Third party reports
4. Context of Assessment	Competency may be assessed: 4.1 On-the- job 4.2 Off –the- job

	4.3 Off the job assessment must be undertaken in a closely simulated workplace environment.
5. Guidance information for assessment	Holistic assessment with other units relevant to the industry sector, workplace and job roles is recommended. Attitude is assessed alongside supervising aviation practices.