


## SECTION 3: CURRICULUM COMPONENT SPECIFICATIONS

### SECTION 3A: KNOWLEDGE MODULE SPECIFICATIONS

List of Knowledge Modules for which Specifications are included

- 226302001-KM-01, Introduction to Road Incident Management, NQF Level 5, Credits 3
- 226302001-KM-02, Principles and Concepts of Road Incident Management, NQF Level 5, Credits 2
- 226302001-KM-03, Road Incident Management Communication and Communication Technology, NQF Level 5, Credits 5
- 226302001-KM-04, Fundamental Principles of Dealing with Dangerous Goods, NQF Level 3, Credits 9
- 226302001-KM-05, Concepts and Principles of Chain of Events, NQF Level 5, Credits 9
- 226302001-KM-06, Principles of Data Collection, NQF Level 5, Credits 2
- 226302001-KM-07, Road Incident Management Systems Programme Management, NQF Level 5, Credits 5
- 226302001-KM-08, Road Safety Audits, NQF Level 5, Credits 2

Total credits: 37

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# 1. 226302001-KM-01, Introduction to road incident management, NQF Level 5, Credits 3

## 1.1 Purpose of the Knowledge Module

The main focus of the learning in this knowledge module is to build an informed understanding of what is road incident management. Learners will demonstrate understanding of all the key definitions, facts and general principles that underpin the Road Incident management discipline. Learning contract time is at least 3.75 days.

The learning will enable learners to demonstrate an understanding of:

- KM-01-KT01: Background to Road Incident Management (5%)
- KM-01-KT02: Concepts and principles of the Road Incident Management (30%)
- KM-01-KT03: Benefits of Road Incident Management (20%)
- KM-01-KT04: Legal Framework and Operational Policy (10%)
- KM-01-KT05: Criteria for choosing priority networks (5%)
- KM-01-KT06: Principles of development, implementation and maintenance of Road Incident Management Systems (RIMS) (20%)
- KM-01-KT07: RIMS Frameworks (10%)

## 1.2 Guidelines for Topics

### 1.2.1. KM-01-KT01: Background to Road Incident Management (5%)


#### **Topic elements to be covered include:**

- KT0101 Road Incident Management Systems (RIMS)
- KT0102 Goals and objectives of RIMS
- KT0103 Benefits of road incident management
- KT0104 The road network

#### **Internal Assessment Criteria and Weight**

- IAC0101 Discuss the concept of Road Incident Management and identify the benefits of an integrated system
- IAC0102 Analyse the goals and objectives of RIMS and determine its uses to the South African economy
- IAC0103 Critically evaluate the impact of RIMS on the economics of transportation in the context of South African road networks

**(Weight 5%)**

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### 1.2.2. KM-01-KT02: Concepts and principles of the Road Incident Management (30%)

#### **Topic elements to be covered include:**

- KT0201 Main factors for RIMS
- KT0202 The Road Incident Management system
- KT0203 RIMS criteria

#### **Internal Assessment Criteria and Weight**

- IAC0201 Discuss the four (4) main factors reflecting a need for RIMS including emergency factors, resource factors, jurisdictional factors and management factors
- IAC0202 Discuss what is involved in a Road Incident Management including protocols, instructions, procedures and all requirements
- IAC0203 Discuss the criteria for the successful implementation of a Road Incident Management Systems

**(Weight 30%)**


### 1.2.3. KM-01-KT03: Benefits of Road Incident Management (20%)

#### **Topic elements to be covered include:**

- KT0301 Frequency and safety
- KT0302 Deployment of resources
- KT0303 Co-ordination and clarity of roles and responsibilities
- KT0304 Agreements and public awareness
- KT0305 Reduction of costs

#### **Internal Assessment Criteria and Weight**

- IAC0301 Explain how Road Incident Management impacts on a reduction in incident duration and improves safety at scenes
- IAC0302 Explain the relationship between rapid deployment of resources and appropriate timeous treatment
- IAC0303 Discuss the importance of role clarity amongst the various services involved in the management of an incident and on-scene co-ordination
- IAC0304 Discuss the impact of Road Incident Management on agreements between services and departments and its influence on public awareness
- IAC0305 Analyse the impact of Road Incident Management on road user costs, economic cost methods and traffic disruptions

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**(Weight 20%)**

**1.2.4. KM-01-KT04: Legal Framework and Operational Policy (10%)**

**Topic elements to be covered include:**

- KT0401 Definitions
- KT0402 Need for road incident management
- KT0403 Road Incident Management Systems Policy and Framework
- KT0404 Structures and their roles and functions
- KT0405 Standards and Acts

**Internal Assessment Criteria and Weight**

- IAC0401 Discuss the concept of an incident, Road Incident Management and Road Incident Management System
- IAC0402 Discuss the strategic and operational levels of Road Incident Management system
- IAC0403 Discuss the various organisations involved in RIMS, the legislation that guides their roles and discuss their responsibilities within RIMS

**(Weight 10%)**

**1.2.5. KM-01-KT05: Criteria for choosing priority networks (RIMS) (5%)**

**Topic elements to be covered include:**

- KT0501 Identification and assessment of roads for inclusion into RIMS
- KT0502 Criteria

**Internal Assessment Criteria and Weight**


- IAC0501 Evaluate the criteria used to establish the need for and to prioritise where to implement RIMS and comment on their effectiveness
- IAC0502 Discuss and recommended implementation methodology

**(Weight 5%)**

**1.2.6. KM-01-KT06: Principles of development, implementation and maintenance of Road Incident Management Systems (RIMS) (20%)**

**Topic elements to be covered include:**

- KT0601 Development and implementation of RIMS
- KT0602 Principles of system maintenance and monitoring
- KT0603 Action plans

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- KT0604 Uses and components of a guideline plan

**Internal Assessment Criteria and Weight**

- IAC0601 Discuss the importance of Road Incident Management Systems on national, provincial and municipal routes and the policies that guide this process
- IAC0602 Analyse the components of a monitoring and maintenance system and reflect its used in evaluating the effectiveness of RIMS
- IAC0603 Explain what are the aspects to be covered in an Action Plan and what are their uses
- IAC0604 Discuss the theoretical and operational information that are reflected in guideline plans that influences operational activities in the management of RIMS

**(Weight 20%)**

**1.2.7. KM-01-KT07: RIMS Framework (10%)**

**Topic elements to be covered include:**

- KT0701 Legal Agreements
- KT0702 Funding Models
- KT0703 Business plans

**Internal Assessment Criteria and Weight**

- IAC0701 Discuss the purpose of Memoranda of Agreements (MoUs) for effective Road Incident Management System implementation
- IAC0702 Discuss how RIMS is funded and the contexts in which Business Plans are prepared

**(Weight 10%)**


**1.3 Provider Programme Accreditation Criteria**

*Physical Requirements:*

- Training resources and learning materials and aids
- Assessment tools/instruments for formative assessment

*Human Resource Requirements:*

- Facilitator must have at least five years' experience in Road Incident Management
- Facilitator/Learner ratio should not exceed 1/3030


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*Legal Requirements:*

- Normal regulatory requirements applicable to public training organisations

**1.4 Exemptions**

- None

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## 2. 226302001-KM-02, Principles and Concepts of Road Incident Management, NQF Level 5, Credits 2

### 2.1 Purpose of the Knowledge Module

The main focus of the learning in this knowledge module is to build an informed understanding of the principles and concepts used in road incident management. Learners will demonstrate understanding of the goals and objectives, structure and functions of the Road Incident Management System (RIMS). Learning contract time is at least 2.5 days.

The learning will enable learners to demonstrate an understanding of:

- KM-02-KT01: **Goal and objectives of communications** (20%)
- KM-02-KT02: **Fundamental principles of RIMS** (60%)
- KM-02-KT03: Setting up, Structure, Composition and Functions of Road Incident Management Systems (RIMS) (20%)

### 2.2 Guidelines for Topics

#### 2.2.1. KM-02-KT01: Goal and objectives of communications (20%)

**Topic elements to be covered include:**

- KT0101 Centralised communications
- KT0102 On-scene-communication

**Internal Assessment Criteria and Weight**


- IAC0101 Evaluate and discuss the characteristics of the system and the exact nature of the challenges of a centralised communication systems in both a rural and urban setting
- IAC0102 Evaluate and discuss the characteristics of the system and the exact nature of the challenges of an On-scene communication systems in both a rural and urban setting

**(Weight 20%)**

#### 2.2.2. KM-02-KT02: Fundamental principles of RIMS (60%)

**Topic elements to be covered include:**

- KT0201 Procedures and protocols
- KT0202 On-scene co-ordination and co-operation
- KT0203 Guideline plan
- KT0204 Incident clearance

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**Internal Assessment Criteria and Weight**

- IAC0201 Discuss the procedures and protocols in co-ordinating RIM activities utilising guideline plan, services and structures
- IAC0202 Identify how and explain why incident scenes need speedy clearing
- 

**(Weight 60%)**

**1.2.3. KM-02-KT03: Setting up, Structure, Composition and Functions of Road Incident Management Systems (RIMS) (20%)**

**Topic elements to be covered include:**

- KT0301 Structure set-up
- KT0302 National project structure
- KT0303 Programme Management Team
- KT0304 RIMS National Technical Committee
- KT0305 RIMS Provincial Co-ordinating Committee
- KT0306 RIMS Regional project structure
- KT0307 Project Team
- KT0308 Steering Committee
- KT0309 Task Group
- KT03010 Working Groups

**Internal Assessment Criteria and Weight**

- IAC0301 Discuss the various structures and their composition
- IAC0302 Discuss the various structures and their roles and functions

**(Weight 20%)**


**2.3 Provider Programme Accreditation Criteria**

*Physical Requirements:*

- Training resources and learning materials and aids
- Assessment tools/instruments for formative assessment

*Human Resource Requirements:*

- Facilitator must have at least five years' experience in Road Incident Management
- Facilitator/Learner ratio should not exceed 1/30

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*Legal Requirements:*

- Normal regulatory requirements applicable to public training organisations

**2.4 Exemptions**

- None

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### 3. 226302001-KM-03, Road Incident Management Communication and Communication Technology, NQF Level 5, Credits 5

#### 3.1 Purpose of the Knowledge Module

The main focus of the learning in this knowledge module is to build an informed understanding of the principles of communication and the uses of communication technology within Road Incident Management System (RIMS). Learning contract time is at least 6.25 days.

The learning will enable learners to demonstrate an understanding of:

- KM-03-KT01: Introduction to Communication and Communication Technology (10%)
- KM-03-KT02: Centralised Communication Centres (CCC) (40%)
- KM-03-KT03: Principles of Centralised Communication (20%)
- KM-03-KT04: Communication planning and integrating communication technology for Road Incident Management System (RIMS) (30%)

#### 3.2 Guidelines for Topics

##### 3.2.1. KM-03-KT01: Introduction to Communication and Communication Technology (10%)

**Topic elements to be covered include:**

- KT0101 Communication in RIMS
- KT0102 Communication technology

**Internal Assessment Criteria and Weight**


- IAC0101 Evaluate and discuss the importance of communications for efficient RIM operations and system
- IAC0102 Analyse the uses of communication technology as tools for the execution of tasks and activities in RIMS

**(Weight 10%)**

##### 3.2.2. KM-03-KT02: Centralised Communication Centres (CCC) (40%)

**Topic elements to be covered include:**

- KT0201 Elements of a functional and effective CCC
- KT0202 Intelligent Transport Systems (ITS)
- KT0203 Protocols of a CCC

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- KT0204 Role and function of a CCC

**Internal Assessment Criteria and Weight**

- IAC0201 Discuss the elements of a functional and effective CCC in managing road incidents including the processes and protocols that enhance effectiveness
- IAC0202 Discuss Intelligent Transport Systems (ITS) and how RIMS can benefit from using the data and information from this system
- IAC0203 Evaluate the role and function of the CCC from opening an incident report through to follow-up phase

**(Weight 40%)**

**3.2.3. KM-03-KT03: Principles of Centralised Communication (20%)**

**Topic elements to be covered include:**

- KT0301 Centralised communication
- KT0302 Centralised Communication Centres (CCC)
- KT0303 Centralised Communication Centre (CCC) selection
- KT0304 Working with Centralised Communication Centres (CCC)

**Internal Assessment Criteria and Weight**

- IAC0301 Discuss the need for and impact of central communication
- IAC0302 Analyse what centralised communication involves and determine how a CCC should be selected
- IAC0302 Discuss the procedures followed when informed of an incident and the relationship between CCC and primary services

**(Weight 20%)**

**3.2.4. KM-03-KT04: Communication planning and integrating communication technology for Road Incident Management System (RIMS) (30%)**

**Topic elements to be covered include:**

- KT0401 Communication plans
- KT0402 Tools and templates
- KT0403 Roles and responsibilities
- KT0404 Integrating communication technology into RIMS

**Internal Assessment Criteria and Weight**

- IAC0401 Discuss communication plans and its relationship to protocols deployed for the system

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- IAC0402 Discuss and explain how documents and template can be used to evaluate communication resources and availability
- IAC0403 Discuss the roles and responsibilities of workgroup members
- Analyse how road engineering designs, and communication technology can assist in improving safety, forward warning and travel planning for the public

**(Weight 30%)**

### 3.3 Provider Programme Accreditation Criteria

*Physical Requirements:*

- Training resources and learning materials and aids
- Assessment tools/instruments for formative assessment

*Human Resource Requirements:*


- Facilitator must have at least five years' experience in Road Incident Management
- Facilitator/Learner ratio should not exceed 1/30

*Legal Requirements:*

- Normal regulatory requirements applicable to public training organisations

### 3.4 Exemptions

- None

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## 4. 226302001-KM-04, Fundamental Principles of Dealing with Dangerous Goods, NQF Level 3, Credits 9

### 4.1 Purpose of the Knowledge Module

The main focus of the learning in this knowledge module is to build an informed understanding of the fundamental principles of dealing with dangerous goods.

Learning contract time is at least 11.25 days.

The learning will enable learners to demonstrate an understanding of:

- KM-04-KT01: Introduction to dealing with dangerous goods (25%)
- KM-04-KT02: Basic safety (50%)
- KM-04-KT03: Road closure and clean-up (25%)

### 4.2 Guidelines for Topics

#### 4.2.1. KM-04-KT01: Introduction to dealing with dangerous goods (25%)

**Topic elements to be covered include:**

- KT0101 Definition of a dangerous goods incident
- KT0102 Dealing with a dangerous goods incident
- KT0103 Capacity to deal with dangerous goods incident
- KT0104 Roles, responsibilities, services and structures of on-scene co-ordination in dealing with dangerous goods incident

**Internal Assessment Criteria and Weight**


- IAC0101 Discuss and explain what will classify an incident as a dangerous goods incident
- IAC0102 Discuss the protocols and limitations in dealing with a dangerous goods incident
- IAC0103 Discuss the reasons why respondents dealing with a dangerous goods incidents need specific training and capacity building

IAC0104 Describe the roles and responsibilities of the various services and structures that take responsibility for different aspects in managing a dangerous goods incident(**Weight 25%**)

#### 4.2.2. KM-04-KT02: Basic safety (50%)

**Topic elements to be covered include:**

- KT0201 Safety precautions on-scene
- KT0202 General safety aspects

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- KT0203 Emergency evaluations and warnings

**Internal Assessment Criteria and Weight**

- IAC0201 Evaluate safety precautions and determine the additional aspects to be considered when dealing with dangerous goods
- IAC0202 Discuss and explain various general safety practices that can be used when dealing with a dangerous goods incident
- IAC0203 Analyse the components being evaluated when dealing with a dangerous goods incident and its relationship to warnings and warning signage

**(Weight 50%)**

**4.2.3. KM-04-KT03: Road closure and clean-up (25%)**

**Topic elements to be covered include:**

- KT0301 Conditions for road closures
- KT0302 Clean-up teams

**Internal Assessment Criteria and Weight**

- IAC0301 Evaluate and the conditions under which a road needs to be closed and who has authority for its re-opening
- IAC0302 Discuss when specialised clean-up teams are required and who has authority to identify the teams to be used

**(Weight 25%)**

**4.3 Provider Programme Accreditation Criteria**

*Physical Requirements:*


- Training resources and learning materials and aids
- Assessment tools/instruments for formative assessment

*Human Resource Requirements:*

- Facilitator must have at least five years' experience in Road Incident Management
- Facilitator/Learner ratio should not exceed 1/30


*Legal Requirements:*

- Normal regulatory requirements applicable to public training organisations

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#### 4.4 Exemptions

- None

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## 5. 226302001-KM-05, Concepts and Principles of Chain of Events, NQF Level 5, Credits 9

### 5.1 Purpose of the Knowledge Module

The main focus of the learning in this knowledge module is to build an informed understanding of principles and concepts such as detection, mobilisation, situational analysis and scene management as part of the chain of events for Road Incident Management (RIM). Learning contract time is at least 11.25 days.

The learning will enable learners to demonstrate an understanding of:

- KM-05-KT01: Principles of detection (20%)
- KM-05-KT02: Principles of mobilisation (20%)
- KM-05-KT03: Principles of situational analysis (20%)
- KM-05-KT04: Principles of scene management (20%)
- KM-05-KT05: Principles of Post Incident Assessments (20%)

### 5.2 Guidelines for Topics

#### 5.2.1. KM-05-KT01: Principles of detection (20%)

**Topic elements to be covered include:**

- KT0101 Policy requirements
- KT0102 Incident detection

**Internal Assessment Criteria and Weight**


- IAC0101 Evaluate and discuss the importance of co-location of personnel from different agencies to facilitate real-time communications in accordance with RIMS policy requirements
- IAC0102 Discuss the critical role of incident detection, specifically reporting and notification, in the overall RIMS process

**(Weight 20%)**

#### 5.2.2. KM-05-KT02: Principles of mobilisation (20%)

**Topic elements to be covered include:**

- KT0201 Resource allocation and management
- KT0202 Role of Centralised Communication Centre (CCC)
- KT0203 Notification of Services

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- KT0204 Response protocols and documentation

**Internal Assessment Criteria and Weight**

- IAC0201 Discuss what the elements are for effective deployment of resources in RIMS
- IAC0202 Explain and discuss the elements used in the assessment of resources in a specific area and their readiness for mobilisation in managing a road incident
- IAC0203 Discuss the role of the Centralised Communication Centre (CCC) and the protocols they need to work within
- IAC0204 Discuss the protocols and processes of notifying Services for mobilising
- IAC0205 Analyse response protocols and discuss the importance of regular up-dates and the identification of primary and secondary responders

**(Weight 20%)**

**5.2.3. KM-05-KT03: Principles of situational analysis (20%)**

**Topic elements to be covered include:**

- KT0301 Definitions
- KT0302 Roles and responsibilities of responders
- KT0303 Basics of scene management

**Internal Assessment Criteria and Weight**

- IAC0301 Define and discuss the various responders and their roles and responsibilities in managing a road incident including first responder, primary responder, secondary responder and back-up responder
- IAC0302 Evaluate On-Scene Management processes and determine the effectiveness of safeguarding a scene, situation report (SITREP) activities and CCC up-dating activities


**(Weight 20%)**

**5.2.4. KM-05-KT04: Principles of scene management (20%)**

**Topic elements to be covered include:**

- KT0401 Incident scene communication management
- KT0402 RIMS and personnel duties
- KT0403 Role of CCC during scene management
- KT0404 Principles of on-scene co-ordination

**Internal Assessment Criteria and Weight**

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- IAC0401 Evaluate incident scene communication management processes and determine how to improve engagement and co-operation between co-ordinator and arriving services
- IAC0402 Discuss and explain how line function duties could be affected and provide reason why
- IAC0403 Discuss the role of the CCC during on-scene management
- IAC0404 Analyse and discuss the principles guiding on-scene management including first person on the scene, joint incident command post, management team, co-ordinator, other responders and the CCC

**(Weight 20%)**

### 5.2.5. KM-05-KT05: Principles of Post Incident (PI) Assessments (20%)

**Topic elements to be covered include:**

- KT0501 Introduction and purpose of PI Assessments
- KT0502 PI Assessments
- KT0503 Procedures

**Internal Assessment Criteria and Weight**

- IAC0401 Discuss the reasons for PI Assessments and the benefits for the Services
- IAC0402 Discuss the requirements for a PI Assessment and its uses for incident reporting processes
- IAC0403 Evaluate the procedures for PI Assessments and reflect on how to optimise its benefits

**(Weight 20%)**


### 5.3 Provider Programme Accreditation Criteria

*Physical Requirements:*

- Training resources and learning materials and aids
- Assessment tools/instruments for formative assessment

*Human Resource Requirements:*

- Facilitator must have at least five years' experience in Road Incident Management
- Facilitator/Learner ratio should not exceed 1/30


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*Legal Requirements:*

- Normal regulatory requirements applicable to public training organisations

**5.4 Exemptions**

- None

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## 6. 226302001-KM-06, Principles of Data Collection, NQF Level 5, Credits 2

### 6.1 Purpose of the Knowledge Module

The main focus of the learning in this knowledge module is to build an informed understanding of the principles data collection and reporting in Road Incident Management (RIM). Learning contract time is at least 11.25 days.

The learning will enable learners to demonstrate an understanding of:

- KM-06-KT01: Data collection (50%)
- KM-06-KT02: Incident Reporting Form, reporting and other documentation (50%)

### 6.2 Guidelines for Topics

#### 6.2.1. KM-06-KT01: Data collection (50%)

**Topic elements to be covered include:**

- KT0101 Receiving information
- KT0102 Notifying various roleplayers
- KT0103 Role of the CCC

**Internal Assessment Criteria and Weight**

- IAC0101 Discuss the ways in which the CCC is able to gather and collect information and data using various forms and technologies

**(Weight 50%)**

#### 6.2.2. KM-06-KT02: Incident Reporting Form, reporting and other documentation (50%)

**Topic elements to be covered include:**

- KT0201 RIMS Incident Report Form and any other required documentation
- KT0202 Monitoring of incidents

**Internal Assessment Criteria and Weight**


- IAC0101 Discuss the importance of the RIMS incident form and the elements to be reported on
- IAC0202 Evaluate and discuss the benefits of incident monitoring processes

**(Weight 50%)**

### 6.3 Provider Programme Accreditation Criteria

**Physical Requirements:**

- Training resources and learning materials and aids

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- Assessment tools/instruments for formative assessment

*Human Resource Requirements:*


- Facilitator must have at least five years' experience in Road Incident Management
- Facilitator/Learner ratio should not exceed 1/30

*Legal Requirements:*

- Normal regulatory requirements applicable to public training organisations

**6.4 Exemptions**

- None

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## 7. 226302001-KM-07, Road Incident Management Systems Programme Management, NQF Level 5, Credits 5

### 7.1 Purpose of the Knowledge Module

The main focus of the learning in this knowledge module is to build an informed understanding of the fundamental principles of road incident management systems programme management. This will include the components of system monitoring, system maintenance and project structure. Learning contract time is at least 6.25 days.

The learning will enable learners to demonstrate an understanding of:

- KM-07-KT01: System monitoring and maintenance (70%)
- KM-07-KT02: Project structure (30%)

### 7.2 Guidelines for Topics

#### 7.2.1. KM-07-KT01: System monitoring and maintenance (70%)

##### ***Topic elements to be covered include:***

- KT0101 Incident Report Forms
- KT0102 Data manipulations and extractions
- KT0102 System maintenance

##### ***Internal Assessment Criteria and Weight***


- IAC0101 Discuss and explain what are the elements recorded on the Incident Report form and what purpose does this information serve in the monitoring process
- IAC0102 Evaluate the information recorded on Incident Report Forms and determine how this could be used in data manipulation and extraction activities
- IAC0103 Discuss how existing monitoring programmes could be of benefit in the implementation of RIMS
- IAC0104 Discuss and explain the benefits of regular meetings, report back sessions and analysis of reports as part of system maintenance activities

***(Weight 70%)***

#### 7.2.2. KM-07-KT02: Project structure (30%)

##### ***Topic elements to be covered include:***

- KT0201 Policy or strategic management level
- KT0202 Operational level

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- KT0203 Detailed operational level
- KT0204 Project team

**Internal Assessment Criteria and Weight**

- IAC0201 Discuss the role and purpose of a policy or strategic management level and which structure should be best suited to take on these responsibilities
- IAC0202 Discuss the role and purpose of an operational level and which structure should be best suited to take on these responsibilities
- IAC0203 Discuss the role and purpose of a detailed operational level and which structure should be best suited to take on these responsibilities
- IAC0204 Discuss the role and purpose of a project team

**(Weight 30%)**

**7.3 Provider Programme Accreditation Criteria**

*Physical Requirements:*

- Training resources and learning materials and aids
- Assessment tools/instruments for formative assessment

*Human Resource Requirements:*


- Facilitator must have at least five years' experience in Road Incident Management
- Facilitator/Learner ratio should not exceed 1/30

*Legal Requirements:*

- Normal regulatory requirements applicable to public training organisations

**7.4 Exemptions**

- None

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## 8. 226302001-KM-08, Road Safety Audits, NQF Level 5, Credits 2

### 8.1 Purpose of the Knowledge Module

The main focus of the learning in this knowledge module is to build an informed understanding of the principles of road safety audits within Road Incident Management System (RIMS). Learning contract time is at least 2.5 days.

The learning will enable learners to demonstrate an understanding of:

- KM-08-KT01: Concept of road safety audit (50%)
- KM-08-KT02: Principles of conducting road safety audits (50%)

### 8.2 Guidelines for Topics

#### 8.2.1. KM-08-KT01: Concept of road safety audit (50%)

**Topic elements to be covered include:**

- KT0101 Definition of a road safety audit
- KT0102 Purpose of a road safety audit
- KT0103 Benefits of a road safety audit

**Internal Assessment Criteria and Weight**

- IAC0101 Discuss and explain what is a road safety audit and who could conduct this audit
- IAC0102 Evaluate the purpose of a road safety audit and what contributions it makes to managing road incidents

**(Weight 50%)**

#### 8.2.2. KM-08-KT02: Principles of conducting road safety audits (50%)


**Topic elements to be covered include:**

- KT0201 Timing of road safety audits
- KT0202 Elements of road safety audits
- KT0203 Contributory factors

**Internal Assessment Criteria and Weight**

- IAC0201 Discuss during which stages it would be best suited to conduct road safety audits
- IAC0202 Determine which factors are viewed as contributing to road accidents and discuss how this can be improved through road safety audits

**(Weight 50%)**

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### 8.3 Provider Programme Accreditation Criteria

#### *Physical Requirements:*

- Training resources and learning materials and aids
- Assessment tools/instruments for formative assessment

#### *Human Resource Requirements:*


- Facilitator must have at least five years' experience in Road Incident Management
- Facilitator/Learner ratio should not exceed 1/30

#### *Legal Requirements:*

- Normal regulatory requirements applicable to public training organisations

### 8.4 Exemptions

- None

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