Republic of Rwanda
Ministry of Education

RTB | RWANDA TVET BOARD

Interior space assessment

INDSA401

Perform Interior Space Assessment

Competence

RQF Level: 4

Learning Hours 30

Credits: 3

Sector: Construction and Building services

Trade: Interior design

Module Type: General module

Curriculum: CBSIND401 TVET Certificate IV in Interior design

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<table>
<tr><td>Purpose statement</td><td colspan="6">This module describes the skills, knowledge and attitudes required to Perform interior space assessment. It is intended for learners who have successfully completed level III in interior design and pursuing level IV in interior design. At the end of this module, learners will be able to Collect site information, assess interior space, Prepare site visit report. Qualified learners deemed competent to this competency shall have ability to take responsibility for the carrying out of a range of defined activities in interior space assessment works under non-directive supervision.</td></tr>
<tr><td>Learning assumed to be in place</td><td colspan="6">Interior space safety measures, Contract Management</td></tr>
<tr><td rowspan="6">Delivery modality</td><td colspan="2">Training delivery</td><td>100%</td><td colspan="2">Assessment</td><td>Total 100%</td></tr>
<tr><td colspan="2">Theoretical content</td><td>30%</td><td rowspan="4">Formative assessment</td><td>30%</td><td rowspan="4">50%</td></tr>
<tr><td colspan="2">Practical work:</td><td rowspan="3">70%</td><td rowspan="3">70%</td></tr>
<tr><td>• Group work and presentation</td><td>30%</td></tr>
<tr><td>• Individual work</td><td>40%</td></tr>
<tr><td colspan="3"></td><td colspan="2">Summative Assessment</td><td>50%</td></tr>
</table>

Elements of Competency and Performance Criteria

Elements of competency	Performance criteria
1. Collect site information	1.1. Project Brief from the client is thoroughly discussed as per Project specifications
	1.2. Site information are properly collected as per site investigation guidelines
	1.3. Drawings are well reviewed according to the design specifications.
	1.4. Tools and equipment are properly identified according to site information
	1.5. Relevant facilities and required resources are sufficiently allocated according to site information

2. Assess interior space	2.1. Physical conditions are properly observed based on site analysis criteria
	2.2. Sketches and annotations are properly produced in accordance with observed information
	2.3. Measurements are correctly taken according to measuring techniques
3. Prepare site visit report	3.1. Necessary adjustments are properly mentioned according to the site observation
	3.2. Observed site conditions are properly reported based on reporting procedures

Intended Knowledge, Skills and Attitude

Knowledge	Skills	Attitude
✓ Describe measurements ✓ Describe material properties ✓ Recognize interior space functions ✓ Identify hazardous materials and areas ✓ Identify report templates ✓ Determine acoustics and noise levels	✓ Perform measurement conversion and calculations ✓ Prepare work plan ✓ Determine safety measures ✓ Communicate findings and recommendations clearly ✓ Analyse space planning, arrangement and sustainability ✓ Assess ease of movement and accessibility ✓ Measure acoustics and noise levels	✓ Pay attention to details and precision during space assessment ✓ Comply with codes and regulations ✓ Collaborate with clients and stakeholders

Course content

Learning outcomes	At the end of the module the learner will be able to: 1. Collect site information 2. Assess interior space 3. Prepare site visit report
Learning outcome 1: Collect site information	**Learning hours: 12**
Indicative content	

- **Project brief and specifications**
  - ✓ Nature of space (existing space/new space)
  - ✓ Space use
  - ✓ Scope
  - ✓ Measurements
  - ✓ Safety regulations
  - ✓ Environmental impact
  - ✓ Project Budget
  - ✓ Project timeline
- **Site investigation guidelines**
  - ✓ Preliminary research reports
  - ✓ Building codes and regulations
  - ✓ Building environmental assessment report
  - ✓ Occupational assessment report
  - ✓ As Built drawings
- **Methods of collecting site information**
  - ✓ Site surveys
  - ✓ Visual observations
  - ✓ Field notes and sketches
  - ✓ Documentation review
  - ✓ Interviews and client input
- **Reviewing drawings**
- **Identification of tools**
  - ✓ Tape measure
  - ✓ Laser distance meter
  - ✓ Spirit level

- ✓ Angle finder
- ✓ Drafting pencils,
- ✓ Erasers
- ✓ Hammer

- **Identification of equipment**
  - ✓ Rebound hammer test
  - ✓ Wire/ pipeline locator
  - ✓ Camera
  - ✓ Personal protective equipment
  - ✓ Ladders and Scaffolding
- **Relevant facilities**
  - ✓ Sample storage space
  - ✓ Internet
  - ✓ Transportation and logistics arrangements
  - ✓ Water
  - ✓ Electricity
  - ✓ Communication tools

Resources required for the learning outcome	
Equipment	▪ Helmet ▪ Overall ▪ Face mask ▪ Safety boot ▪ Gloves ▪ Safety glasses ▪ Ladder ▪ Light meter ▪ Sound level meter ▪ Scaffolding
Materials	▪ Paper
Tools	▪ Camera ▪ Notebook ▪ Pencils ▪ Tape measure

	▪ Laser distance meter ▪ Spirit level ▪ Angle finder ▪ Erasers ▪ Screwdrivers ▪ Hammer ▪ Chisels ▪ Pliers ▪ Voltage tester
Facilitation techniques	▪ Teacher organises a field trip to actual construction sites or prepares a role play activity that includes project brief and specifications such as nature of the site, scope, space use, built environmental conditions. ▪ Teacher creates groups of 3-5 students and asks them to collect information. ▪ The students present their findings and they receive feedbacks.
Formative assessment methods /(CAT)	▪ Oral presentation ▪ Performance assessment

Learning outcome 2: Assess interior space	**Learning hours: 8**
Indicative content	
• Analyse site physical conditions ✓ Structural elements ✓ Electrical ✓ Plumbing ✓ Accessibility	

• Sketches and annotations • Site measurement ✓ Linear measurement ✓ Built environmental sensors

Resources required for the learning outcome	
Equipment	▪ Personal protective equipment ▪ Environmental sensors ▪ Camera
Materials	▪ Papers ▪ Notebook
Tools	▪ Measuring tape ▪ Laser distance measurer ▪ Plumb bob ▪ Electrical tester ▪ Pen ▪ Marker
Facilitation techniques	▪ Referring to scenario from learning outcome 1, students are asked to take site notes which include sketches, annotations and measurements. ▪ The students present their findings and they receive feedbacks.
Formative assessment methods /(CAT)	▪ Written assessment ▪ Oral presentation ▪ Performance assessment

Learning outcome 3: Prepare site visit report	**Learning hours: 10**

Indicative content
• **Mention necessary adjustments** • **Report template** ✓ **Reporting procedures:** Introduction Site Description Observations Analysis Documentation and Photography Conclusion Recommendations Report Submission

Resources required for the learning outcome	
Equipment	▪ Printer ▪ Computer
Materials	▪ Papers ▪ Ink
Tools	▪ Notebook ▪ Presentation software ▪ Pen
Facilitation techniques	▪ Referring to scenario from learning outcome 1, students are asked to prepare a report which include site description, necessary adjustments and recommendations. ▪ The students present their reports and they receive feedbacks.
Formative assessment methods /(CAT)	▪ Written assessment ▪ Product assessment

References

1. “What is Site Investigation? How to do it?” *Civil Engineering*, https://civiltoday.com/geotechnical-engineering/site-investigation/19-site-investigation. Accessed 1 June 2023
2. “Construction site investigation methods - Designing Buildings.” *Designing Buildings Wiki*, 8 March 2021, https://www.designingbuildings.co.uk/wiki/Construction_site_investigation_methods. Accessed 1 June 2023.
3. “Site Conditions Definition.” *Law Insider*, https://www.lawinsider.com/dictionary/site-conditions. Accessed 1 June 2023.
4. *REPORTING PROCEDURE*, https://research.upatras.gr/wp-content/uploads/2020/10/17.-Reporting-procedure.pdf. Accessed 1 June 2023.