



**REPUBLIC OF KENYA**

**COMPETENCY-BASED MODULAR CURRICULUM**

**FOR**

**AGRICULTURE AND EXTENSION LEVEL 6  
(CYCLE 3)**

**ISCED PROGRAMME CODE: 0811 554 A**



**TVET CDACC  
P.O. BOX 15745-00100 NAIROBI**

## EXTENSION SERVICES

**UNIT CODE:** 0811 551 13A

**TVET CDACC UNIT CODE:** AGR/CU/EXT/CR/05/5/MA

**UNIT DURATION:** 80 HOURS

### Relationship to Occupational Standards

This unit specifies competencies required in understanding agricultural extension and rural sociology. It involves Carrying out training needs assessment (TNA), developing extension training plan, conducting extension training and evaluating extension training.

### Unit Description

This unit specifies competencies required to carry out extension services.

### Summary of Learning Outcomes

By the end of this unit, the learner should be able to:

S/No	Learning Outcomes	Duration (Hours)
1.	Carry out training needs assessment (TNA)	20
2.	Develop extension training plan	20
3.	Conduct extension training	20
4.	Evaluate extension training.	20
<b>Total</b>		<b>80</b>

### Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcomes	Content	Suggested Assessment Methods
1 Carry out training needs assessment (TNA)	<b>Theory</b> 1.1 training needs assessment 1.1.1 definition of terms 1.1.2 importance of TNA 1.2 data collection	<ul style="list-style-type: none"><li>• Written tests</li><li>• Reflection papers</li><li>• Projects</li><li>• Interviews/ Oral questions</li><li>• Workshop reports</li></ul>

	1.3 data analysis 1.4 data presentation <b>practice</b> 1.5 carry out training needs assessment	<ul style="list-style-type: none"> <li>• Individual/group assignments</li> <li>• Practical</li> </ul>
2. Develop extension training plan	<b>Theory</b> 2.1 extension training plan development 2.1.1 definition of terms 2.1.2 importance of extension plan 2.2 extension objective determination 2.3 mode of delivery determination 2.4 training materials preparations 2.5 resource person's identification 2.6 sensitization of training <b>Practice</b> 2.7 develop extension training plan	<ul style="list-style-type: none"> <li>• Written tests</li> <li>• Reflection papers</li> <li>• Projects</li> <li>• Interviews/ Oral questions</li> <li>• Workshop reports</li> <li>• Individual/group assignments</li> <li>• practical</li> </ul>
3. Conduct extension training	<b>Theory</b> 3.1 extension training 3.1.1 definition of terms 3.1.2 significance of extension training 3.2 extension training venue set up 3.3 extension training registration 3.4 information and technology dissemination 3.5 training records preparation <b>practice</b> 3.5 carry out extension training	<ul style="list-style-type: none"> <li>• Written tests</li> <li>• Reflection papers</li> <li>• Projects</li> <li>• Interviews/ Oral questions</li> <li>• Workshop reports</li> <li>• Individual/group assignments</li> <li>• practical</li> </ul>
4. Evaluate extension	<b>Theory</b> 4.1 extension training evaluation 4.1.1 definition of terms	<ul style="list-style-type: none"> <li>• Written tests</li> <li>• Reflection papers</li> <li>• Projects</li> </ul>

training.	4.1.2 importance of extension training evaluation 4.2 aspects of evaluation. 4.3 methods of evaluation 4.4 evaluation results analysis 4.5 evaluation report development <b>practice</b> 4.6 evaluate extension training	<ul style="list-style-type: none"> <li>• Interviews/ Oral questions</li> <li>• Workshop reports</li> <li>• Individual/group assignments</li> <li>• Practicals</li> </ul>
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### Suggested Methods of Instruction

- Role playing
- Group discussion
- Direct instruction

### Recommended Resources for 25 Trainees

S/No.	Category/Item	Description/Specifications	Quantity	Recommended Ratio (Item: Trainee)
<b>A</b>	<b>Learning Materials</b>			
1.	Books	Principles of agricultural extension	5 pcs	1:5
2.	Charts	Chart on diffusion of knowledge in various social strum	1	1:25
3.	PowerPoint presentations	For trainer's use	1	1:25
4.	Whiteboard		1	1:25
5.	Assorted color of whiteboard markers	For trainer's use	3	3:25
6.	Printers		1	1:25
7.	Projector		1	1:25

<b>B</b>	<b>Learning Facilities &amp; infrastructure</b>			
1.	Lecture/theory room	well equipped	1	1:25
2.	Agriculture lab	Well equipped	1	1:25
<b>C</b>	<b>Tools and Equipment</b>			
1.	Survey tools	Set	1	1:25
2.	Sampling tools	Set	1	1:25