**TEMPLATE FOR EDITING OF OCCUPATIONAL STANDARDS**

**Editor: Emily Kinoti**

|  |  |
| --- | --- |
|  | **OS Title: PLUMBER LEVEL 5** |
| **S/No** | **SECTION** | **Areas of consideration** | **Status** | **Remarks** |
|  | **Cover Page** | **Title and level (occupation)** | **Correctly stated** |  |
|  | **Copyright statement** | **Symbol** | **Available**  | **Removed the word Copyright** |
| **Document type** | **Ok** |  |
| **Email address** | **info@tvetcdacc.go.ke** | **Not there** | **Added the email in place of** **cdacc.tvet@gmail.com** |
|  | **Website:** | **www.tvetcdacc.go.ke** | **Not there** | **added** |
|  | **Footer** | **Consistency in Year and format****(Retrocet)** | **Ok** |  |
|  | **Formatting** | * **Times New Roman**
* **Spacing 1.15**
* **Font 12**
 | **OK** |  |
|  | **Preliminary pages** | **Roman numbers** | **Ok** |  |
|  | **Foreword**  | **3rd paragraph-check curriculum title** | **OK** |  |
| **4th paragraph-check the sector** | **Wrong Sector** | **Corrected**  |
| **Sign off-PS -VTT** | **Ok** |  |
|  | **Preface** | **3rd paragraph-check SSAC name** | **Ok** |  |
|  |  |  |
| **3rd paragraph-check curriculum title** | **OK** |  |
| **Sign off-Chairperson TVET CDACC (Office)** | **Name included** | **Name removed**  |
|  | **Acknowledgement**  | **Check the SSAC** | **Ok** |  |
| **Sign off-Chairperson of SSAC** | **OK** |  |
|  | **Abbreviations and Acronyms** | **Exhaustive and relevant**  | **-The term abbreviations missing****-,KSCE ,KNQA appearing but not used in document** | **Added****Removed** |
| **Sorted in alphabetical order** | **Ok** |  |
|  | **Key to unit code** | **OS-OS** | **Ok** |  |
| **…./BC/….** | **Ok** |  |
| **Version control A** | **Not included** | **Added** |
|  | **Table of contents** | **Exhaustive** | **Ok** |  |
| **Automatically generated** | **Ok** |  |
|  | **Overview** | **Should related to the core units of competency**  | **Ok** |  |
| **Delete ‘Certificate’ and s from qualifications** | **Certificate appearing** | **Deleted** |
|  | **Titles of the tables** | **Basic Units of Competency****Common ……****Core ……** | **OK** |  |
|  | **Column titles** | **Unit Code****Code …./OS/…/A** | **OK** |  |
| **Unit Title****Title should have a verb, object and qualifier (VOQ)** | **OK** |  |
| **COMMON UNITS** |
| Apply Basic Mathematics |
|  | **Unit title and code** | **Match with contents of the summary table** | **OK** |  |
|  | **Unit description** | **Should capture all the elements of the competency.** | **0K** |  |
|  | **Elements** | **Should be** key outcomes which make up workplace function | **OK** |  |
| **Should range 3---6---max 9** | **OK** |  |
| **Check the numbering** | **OK** |  |
|  | **Performance criteria** | **Should be stated in passive voice** **Starts with the noun…** |  |  |
|  |  | **Should contain a standard of performance… as per/in accordance with/ based on ….** | **Some missing Standards** | **Experts needed** |
|  | **Range**  | **Should be exhaustive****All identified variable should be in the range**  | **OK** |  |
| **…** may i**ncludes and not limited to: should be with the variable****…limited to:** | **OK** |  |
| **Variables should be numbered: 1…2…3..** | **OK** |  |
| **Range is bulleted** | **OK** |  |
| **Variable should not be defined in the range** | **OK** |  |
|  | **Required skill-** | **should be skills not personal attributes****Skills are acquired and improved continually** **While attributes are inherent personal characteristics** | **Some irrelevant** | **Removed** |
|  | **Required knowledge** | **Should be general in tandem with the elements and the PCs**  | **Ok** |  |
|  | **Evidence guide** | **Critical aspects should be exhaustive and well thought out** | **OK** |  |
|  | **Resource Implications for competence assessment** | **General resource requirement for competence assessment for specific unit** | **OK** |  |
|  | **Methods of assessment**  | **Observation****Oral questioning** **Written test****Portfolio of Evidence****Interview****Third party report** | **Some irrelevant** | **Removed** |
|  | **Context of Assessment** | **On-the-job****Off-the –job****During Industrial attachment** | **Industrial attachment missing** | **Added** |
|  | **Guidance information for assessment** | **Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.** | **OK** |  |
| Apply Technical Drawing |
|  | **Unit title and code** | **Match with contents of the summary table** | **OK** |  |
|  | **Unit description** | **Should capture all the elements of the competency.** | **One element missing in the description** | **Added** |
|  | **Elements** | **Should be** key outcomes which make up workplace function | **OK** |  |
|  |  | **Should range 3---6---max 9** | **OK** |  |
|  |  | **Check the numbering** | **OK** |  |
|  | **Performance criteria** | **Should be stated in passive voice** **Starts with the noun…** |  |  |
|  |  | **Should contain a standard of performance… as per/in accordance with/ based on ….** | **Some missing Standards** | **Experts needed** |
|  | **Range**  | **Should be exhaustive****All identified variable should be in the range**  | **OK** |  |
|  |  | **…** may i**ncludes and not limited to: should be with the variable****…limited to:** | **OK** |  |
|  |  | **Variables should be numbered: 1…2…3..** | **OK** |  |
|  |  | **Range is bulleted** | **OK** |  |
|  |  | **Variable should not be defined in the range** | **OK** |  |
|  | **Required skill-** | **should be skills not personal attributes****Skills are acquired and improved continually** **While attributes are inherent personal characteristics** | **Some irrelevant** | **Removed** |
|  | **Required knowledge** | **Should be general in tandem with the elements and the PCs**  | **Ok** |  |
|  | **Evidence guide** | **Critical aspects should be exhaustive and well thought out** | **OK** |  |
|  | **Resource Implications for competence assessment** | **General resource requirement for competence assessment for specific unit** | **OK** |  |
|  | **Methods of assessment**  | **Observation****Oral questioning** **Written test****Portfolio of Evidence****Interview****Third party report** | **Some irrelevant** | **Removed** |
|  | **Context of Assessment** | **On-the-job****Off-the –job****During Industrial attachment** | **Industrial attachment missing** | **Added** |
|  | **Guidance information for assessment** | **Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.** | **OK** |  |
| Apply Scientific principles |
|  | **Unit title and code** | **Match with contents of the summary table** | **OK** |  |
|  | **Unit description** | **Should capture all the elements of the competency.** | **0K** |  |
|  | **Elements** | **Should be** key outcomes which make up workplace function | **OK** |  |
|  |  | **Should range 3---6---max 9** | **OK** |  |
|  |  | **Check the numbering** | **OK** |  |
|  | **Performance criteria** | **Should be stated in passive voice** **Starts with the noun…** |  |  |
|  |  | **Should contain a standard of performance… as per/in accordance with/ based on ….** | **Some missing Standards** | **Experts needed** |
|  | **Range**  | **Should be exhaustive****All identified variable should be in the range**  | **OK** |  |
|  |  | **…** may i**ncludes and not limited to: should be with the variable****…limited to:** | **OK** |  |
|  |  | **Variables should be numbered: 1…2…3..** | **OK** |  |
|  |  | **Range is bulleted** | **OK** |  |
|  |  | **Variable should not be defined in the range** | **OK** |  |
|  | **Required skill-** | **should be skills not personal attributes****Skills are acquired and improved continually** **While attributes are inherent personal characteristics** | **Some irrelevant** | **Removed** |
|  | **Required knowledge** | **Should be general in tandem with the elements and the PCs**  | **Ok** |  |
|  | **Evidence guide** | **Critical aspects should be exhaustive and well thought out** | **OK** |  |
|  | **Resource Implications for competence assessment** | **General resource requirement for competence assessment for specific unit** | **OK** |  |
|  | **Methods of assessment**  | **Observation****Oral questioning** **Written test****Portfolio of Evidence****Interview****Third party report** | **Some irrelevant** | **Removed** |
|  | **Context of Assessment** | **On-the-job****Off-the –job****During Industrial attachment** | **Industrial attachment missing** | **Added** |
|  | **Guidance information for assessment** | **Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.** | **OK** |  |
| **CORE UNITS** |
| **INSTALL WATER PIPES AND SYSTEMS IN BUILDINGS** |
|  | **Unit title and code** | **Match with contents of the summary table** | **OK** |  |
|  | **Unit description** | **Should capture all the elements of the competency.** | **OK** |  |
|  | **Elements** | **Should be** key outcomes which make up workplace function | **OK** |  |
|  | **Performance criteria** | **Should range 3---6---max 9** | **OK** |  |
| **Check the numbering** | **OK** |  |
| **Should be stated in passive voice** **Starts with the noun…** |  |  |
|  |  | **Should contain a standard of performance… as per/in accordance with/ based on ….** | **OK** |  |
|  | **Range**  | **Should be exhaustive****All identified variable should be in the range**  | **All highlighted not range** | **De-highilighted** |
|  | **Required skill-** | **…** may i**ncludes and not limited to: should be with the variable****…limited to:** | **Wrongly placed** | **Corrected** |
| **Variables should be numbered: 1…2…3..** | **Not Numbered** | **Corrected** |
| **Range is bulleted** | **OK** |  |
| * **Variable should not be defined in the range**
 | **OK** |  |
| **should be skills not personal attributes****Skills are acquired and improved continually** **While attributes are inherent personal characteristics** | **OK** |  |
|  | **Required knowledge** | **Should be general in tandem with the elements and the PCs**  | **Ok** |  |
|  | **Evidence guide** | **Critical aspects should be exhaustive and well thought out** | **OK** |  |
|  | **Resource Implications for competence assessment** | **General resource requirement for competence assessment for specific unit** | **OK** |  |
|  | **Methods of assessment**  | **Observation****Oral questioning** **Written test****Portfolio of Evidence****Interview****Third party report** | **Some not well stated** | **Corrected** |
|  | **Context of Assessment** | **On-the-job****Off-the –job****During Industrial attachment** | **OK** |  |
|  | **Guidance information for assessment** | **Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.** | **Not as stated** | **Amended** |
| **INSTALL RAINWATER HARVESTING GOODS AND DISPOSAL** |
|  | **Unit title and code** | **Match with contents of the summary table** | **OK** |  |
|  | **Unit description** | **Should capture all the elements of the competency.** | **OK** |  |
|  | **Elements** | **Should be** key outcomes which make up workplace function | **OK** |  |
|  | **Performance criteria** | **Should range 3---6---max 9** | **OK** |  |
|  |  | **Check the numbering** | **OK** |  |
|  |  | **Should be stated in passive voice** **Starts with the noun…** |  |  |
|  |  | **Should contain a standard of performance… as per/in accordance with/ based on ….** | **OK** |  |
|  | **Range**  | **Should be exhaustive****All identified variable should be in the range**  | **All highlighted not range** | **De-highilighted** |
|  | **Required skill-** | **…** may i**ncludes and not limited to: should be with the variable****…limited to:** | **Wrongly placed** | **Corrected** |
|  |  | **Variables should be numbered: 1…2…3..** | **Not Numbered** | **Corrected** |
|  |  | **Range is bulleted** | **OK** |  |
|  |  | * **Variable should not be defined in the range**
 | **OK** |  |
|  |  | **should be skills not personal attributes****Skills are acquired and improved continually** **While attributes are inherent personal characteristics** | **OK** |  |
|  | **Required knowledge** | **Should be general in tandem with the elements and the PCs**  | **Ok** |  |
|  | **Evidence guide** | **Critical aspects should be exhaustive and well thought out** | **OK** |  |
|  | **Resource Implications for competence assessment** | **General resource requirement for competence assessment for specific unit** | **OK** |  |
|  | **Methods of assessment**  | **Observation****Oral questioning** **Written test****Portfolio of Evidence****Interview****Third party report** | **Some not well stated** | **Corrected** |
|  | **Context of Assessment** | **On-the-job****Off-the –job****During Industrial attachment** | **OK** |  |
|  | **Guidance information for assessment** | **Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.** | **Not as stated** | **Amended** |
| **INSTALL DRAINAGE SYSTEM** |
|  | **Unit title and code** | **Match with contents of the summary table** | **OK** |  |
|  | **Unit description** | **Should capture all the elements of the competency.** | **OK** |  |
|  | **Elements****Performance criteria** | **Should be** key outcomes which make up workplace function | **OK** |  |
| **Should range 3---6---max 9** | **OK** |  |
| **Check the numbering** | **OK** |  |
|  |  | **Should be stated in passive voice** **Starts with the noun…** |  |  |
|  |  | **Should contain a standard of performance… as per/in accordance with/ based on ….** | **OK** |  |
|  | **Range**  | **Should be exhaustive****All identified variable should be in the range**  | **OK** |  |
|  | **Required skill-** | **…** may i**ncludes and not limited to: should be with the variable****…limited to:** | **Wrongly placed** | **Corrected** |
|  |  | **Variables should be numbered: 1…2…3..** | **OK** |  |
|  |  | **Range is bulleted** | **OK** |  |
|  |  | * **Variable should not be defined in the range**
 | **OK** |  |
|  |  | **should be skills not personal attributes****Skills are acquired and improved continually** **While attributes are inherent personal characteristics** | **OK** |  |
|  | **Required knowledge** | **Should be general in tandem with the elements and the PCs**  | **Ok** |  |
|  | **Evidence guide** | **Critical aspects should be exhaustive and well thought out** | **OK** |  |
|  | **Resource Implications for competence assessment** | **General resource requirement for competence assessment for specific unit** | **OK** |  |
|  | **Methods of assessment**  | **Observation****Oral questioning** **Written test****Portfolio of Evidence****Interview****Third party report** | **Some not well stated** | **Corrected** |
|  | **Context of Assessment** | **On-the-job****Off-the –job****During Industrial attachment** | **OK** |  |
|  | **Guidance information for assessment** | **Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.** | **Not as stated** | **Amended** |
| **INSTALL SANITARY APPLIANCES** |
|  | **Unit title and code** | **Match with contents of the summary table** | **OK** |  |
|  | **Unit description** | **Should capture all the elements of the competency.** | **OK** |  |
|  | **Elements****Performance criteria** | **Should be** key outcomes which make up workplace function | **OK** |  |
|  |  | **Should range 3---6---max 9** | **OK** |  |
|  |  | **Check the numbering** | **OK** |  |
|  |  | **Should be stated in passive voice** **Starts with the noun…** |  |  |
|  |  | **Should contain a standard of performance… as per/in accordance with/ based on ….** | **OK** |  |
|  | **Range**  | **Should be exhaustive****All identified variable should be in the range**  | **Some highlighted not in range** | **dehighlighted** |
|  | **Required skill-** | **…** may i**nclude and not limited to: should be with the variable****…limited to:** | **Wrongly placed** | **Corrected** |
|  |  | **Variables should be numbered: 1…2…3..** | **Not Numbered** | **Corrected** |
|  |  | **Range is bulleted** | **OK** |  |
|  |  | * **Variable should not be defined in the range**
 | **OK** |  |
|  |  | **should be skills not personal attributes****Skills are acquired and improved continually** **While attributes are inherent personal characteristics** | **OK** |  |
|  | **Required knowledge** | **Should be general in tandem with the elements and the PCs**  | **Ok** |  |
|  | **Evidence guide** | **Critical aspects should be exhaustive and well thought out** | **OK** |  |
|  | **Resource Implications for competence assessment** | **General resource requirement for competence assessment for specific unit** | **OK** |  |
|  | **Methods of assessment**  | **Observation****Oral questioning** **Written test****Portfolio of Evidence****Interview****Third party report** | **Some not well stated** | **Corrected** |
|  | **Context of Assessment** | **On-the-job****Off-the –job****During Industrial attachment** | **OK** |  |
|  | **Guidance information for assessment** | **Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.** | **Not as stated** | **Amended** |
| **INSTALL WATER STORAGE SYSTEMS AND AUXILIARY FITTINGS** |
|  | **Unit title and code** | **Match with contents of the summary table** | **OK** |  |
|  | **Unit description** | **Should capture all the elements of the competency.** | **Not capturing all elements** | **Amended** |
|  | **Elements****Performance criteria** | **Should be** key outcomes which make up workplace function | **OK** |  |
|  |  | **Should range 3---6---max 9** | **OK** |  |
|  |  | **Check the numbering** | **OK** |  |
|  |  | **Should be stated in passive voice** **Starts with the noun…** |  |  |
|  |  | **Should contain a standard of performance… as per/in accordance with/ based on ….** | **OK** |  |
|  | **Range**  | **Should be exhaustive****All identified variable should be in the range**  | **Some highlighted not in range** | **De-highlighted** |
|  | **Required skill-** | **…** may i**nclude and not limited to: should be with the variable****…limited to:** | **Wrongly placed** | **Corrected** |
|  |  | **Variables should be numbered: 1…2…3..** | **Not Numbered** | **Corrected** |
|  |  | **Range is bulleted** | **OK** |  |
|  |  | * **Variable should not be defined in the range**
 | **OK** |  |
|  |  | **should be skills not personal attributes****Skills are acquired and improved continually** **While attributes are inherent personal characteristics** | **OK** |  |
|  | **Required knowledge** | **Should be general in tandem with the elements and the PCs**  | **Ok** |  |
|  | **Evidence guide** | **Critical aspects should be exhaustive and well thought out** | **OK** |  |
|  | **Resource Implications for competence assessment** | **General resource requirement for competence assessment for specific unit** | **OK** |  |
|  | **Methods of assessment**  | **Observation****Oral questioning** **Written test****Portfolio of Evidence****Interview****Third party report** | **Some not well stated** | **Corrected** |
|  | **Context of Assessment** | **On-the-job****Off-the –job****During Industrial attachment** | **OK** |  |
|  | **Guidance information for assessment** | **Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.** | **Not as stated** | **Amended** |
| **MAINTAIN PLUMBING SYSTEMS** |
|  | **Unit title and code** | **Match with contents of the summary table** | **OK** |  |
|  | **Unit description** | **Should capture all the elements of the competency.** | **Not capturing all elements** | **Amended** |
|  | **Elements****Performance criteria** | **Should be** key outcomes which make up workplace function | **OK** |  |
| **Should range 3---6---max 9** | **OK** |  |
| **Check the numbering** | **OK** |  |
|  |  | **Should be stated in passive voice** **Starts with the noun…** |  |  |
|  |  | **Should contain a standard of performance… as per/in accordance with/ based on ….** | **OK** |  |
|  | **Range**  | **Should be exhaustive****All identified variable should be in the range**  | **Some highlighted not in range****-some are in the range but not appearing in documnet** | **Expert Needed****-Deleted** |
|  | **Required skill-** | **…** may i**nclude and not limited to: should be with the variable****…limited to:** | **Wrongly placed** | **Corrected** |
|  |  | **Variables should be numbered: 1…2…3..** | **Not Numbered** | **Corrected** |
|  |  | **Range is bulleted** | **OK** |  |
|  |  | * **Variable should not be defined in the range**
 | **OK** |  |
|  |  | **should be skills not personal attributes****Skills are acquired and improved continually** **While attributes are inherent personal characteristics** | **OK** |  |
|  | **Required knowledge** | **Should be general in tandem with the elements and the PCs**  | **Ok** |  |
|  | **Evidence guide** | **Critical aspects should be exhaustive and well thought out** | **OK** |  |
|  | **Resource Implications for competence assessment** | **General resource requirement for competence assessment for specific unit** | **OK** |  |
|  | **Methods of assessment**  | **Observation****Oral questioning** **Written test****Portfolio of Evidence****Interview****Third party report** | **Some not well stated** | **Corrected** |
|  | **Context of Assessment** | **On-the-job****Off-the –job****During Industrial attachment** | **OK** |  |
|  | **Guidance information for assessment** | **Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.** | **Not as stated** | **Amended** |
| **INSTALL FIRE SUPPLY CONTROL SYSTEM** |
|  | **Unit title and code** | **Match with contents of the summary table** | **OK** |  |
|  | **Unit description** | **Should capture all the elements of the competency.** | **Not capturing all elements** | **Amended** |
|  | **Elements****Performance criteria** | **Should be** key outcomes which make up workplace function | **OK** |  |
|  |  | **Should range 3---6---max 9** | **OK** |  |
|  |  | **Check the numbering** | **OK** |  |
|  |  | **Should be stated in passive voice** **Starts with the noun…** |  |  |
|  |  | **Should contain a standard of performance… as per/in accordance with/ based on ….** | **OK** |  |
|  | **Range**  | **Should be exhaustive****All identified variable should be in the range**  | **Some highlighted not in range** | **Expert Needed** |
|  | **Required skill-** | **…** may i**nclude and not limited to: should be with the variable****…limited to:** | **Wrongly placed** | **Corrected** |
|  |  | **Variables should be numbered: 1…2…3..** | **Not Numbered** | **Corrected** |
|  |  | **Range is bulleted** | **OK** |  |
|  |  | * **Variable should not be defined in the range**
 | **OK** |  |
|  |  | **should be skills not personal attributes****Skills are acquired and improved continually** **While attributes are inherent personal characteristics** | **OK** |  |
|  | **Required knowledge** | **Should be general in tandem with the elements and the PCs**  | **Ok** |  |
|  | **Evidence guide** | **Critical aspects should be exhaustive and well thought out** | **OK** |  |
|  | **Resource Implications for competence assessment** | **General resource requirement for competence assessment for specific unit** | **OK** |  |
|  | **Methods of assessment**  | **Observation****Oral questioning** **Written test****Portfolio of Evidence****Interview****Third party report** | **Some not well stated** | **Corrected** |
|  | **Context of Assessment** | **On-the-job****Off-the –job****During Industrial attachment** | **OK** |  |
|  | **Guidance information for assessment** | **Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.** | **Not as stated** | **Amended** |

**TEMPLATE FOR EDITING OF CURRICULUM**

**Editor: EMILY KINOTI**

|  |  |
| --- | --- |
|  | **Cur Title: PLUMBING LEVEL 5** |
|  | **SECTION** | **Areas of consideration** | **Status** | **Remarks** |
|  | **Cover Page** | **Title and level (Course of study)** | **OK** |  |
|  | **Copyright statement** | **Symbol** | **OK** |  |
|  |  | **Document type** | **OK** |  |
|  | **Email address** | **info@tvetcdacc.go.ke** | **missing** | **Added** |
|  | **Footer** | **Consistency in Year and format****(Retrocet)****©TVETCDACC year** | **OK** |  |
|  | **Formatting** | **Times New Roman****Spacing 1.15****Font 12** | **OK** |  |
|  | **Preliminary pages** | **Roman numbers** | **OK** |  |
|  | **Foreword**  | **4th paragraph-check the sector** | **OK** |  |
|  | **Sign off-PS -VTT** | **OK** |  |
|  | **Preface** | **3rd paragraph-check SSAC name** | **OK** |  |
|  | **Add 4th paragraph**  | This curriculum has been developed following the CBET framework policy; the CBETA standards and guidelines provided by the TVET Authority and the Kenya National Qualification Framework designed by the Kenya National Qualification Authority. | **OK** |  |
|  |  | **5th paragraph- check SSAC name** | **OK** |  |
|  |  | **Sign off-Chairperson TVET CDACC (Office)** | **OK** |  |
|  | **Acknowledgement**  | **It’s a curriculum…****Check the SSAC** | **OK** |  |
|  | **Sign off-CEO/Council Secretary** | **OK** |  |
|  | **Abbreviations and Acronyms** | **Exhaustive and relevant**  | **OK** |  |
|  | **Sorted in alphabetical order** | **OK** |  |
|  | **Key to unit code** | **Curriculum-../CU/..** | **OK** |  |
|  | **…./BC/….** | **OK** |  |
|  | **Version control A** | **OK** |  |
|  | **Table of contents** | **Exhaustive** | **OK** |  |
|  | **Automatically generated** | **OK** |  |
|  | **Course Overview** | **Should related to the core units of competency**  | **OK** |  |
|  | **Delete ‘Certificate’ and s from qualifications** | **Name certificate appearing** | **Deleted** |
|  | **Look out for “Units of Learning”** | **OK** |  |
|  | **Titles of the tables** | **Basic Units of Learning****Common ……****Core ……** | **OK** |  |
|  | **Column titles** | **Unit Code****Code …./CU/…/A** | **OK** |  |
|  | **Unit Title** | **Title should not have a verb, object and qualifier (VOQ)** | **OK** |  |
|  | **Should be a unit of learning in an institution** | **OK** |  |
|  | **Check for consistency with the OS for every unit** | **The first unit not consistent** | **Amended** |
|  | **Confirm duration and credit factor** | **OK** |  |
|  | **Confirm the duration for basic units per level** | **OK** |  |
|  | **Confirm total hours and credit factor** | **OK** |  |
|  | **Industrial attachment –** | **needs further discussion** |  |  |
|  | **Entry behavior** | **check for each level-KNQA****Level 6-C Minus** **or****Cert. level 5 or****Equivalent** | **OK** |  |
|  | **Level 5-D plain or****Cert level 4 or****Equivalent** |  |
|  | **Level 4-KCSE certificate or****Cert level 3 or****Equivalent** |  |
|  | **Level 3-KCPE certificate or****Cert level 3 or****Equivalent** |  |
|  | **Trainer qualification** | **A trainer for this course should have a higher qualification than the level of this course** | **Not there**  | **Added** |
|  | **Assessment** | **Further discussion** |  |  |
|  | **Certification** | **Look out for Certificate of competency..****National certificate….****Course** | **OK** |  |
| **COMMON UNITS** |
| **BASIC MATHEMATICS** |
|  | **Unit of learning Title** | **There should be consistency with the summary table**  | **OK** |  |
|  | **Unit code** | **Consistency** | **OK** |  |
|  | **Related OS** | **Capture correct Unit of Competency** | **OK** |  |
|  | **Duration**  | **Consistency with table** | **OK** |  |
|  | **Unit description** | **Consistency with OS** | **OK** |  |
|  | **Summary of Learning outcomes** | **Consistency with Elements in the OS** | **OK** |  |
|  | **Learning outcomes** | **Consistency with Summary of learning outcomes** | **OK** |  |
|  | **Content** | **Adequacy (needs experts’ trainers)** | **OK** |  |
|  | **Suggested assessment methods** | **Consistency with the learning outcomes****Should be methods of assessment**  | **OK** |  |
|  | **Suggested ~~Delivery Methods~~** | **Suggested Methods of instruction** | **Terms Delivery Methods used** | **Replaced with method of instruction** |
|  | **Recommended Resources**  | **Should be consistent with the unit of learning**  | **OK** |  |
| **TECHNICAL DRAWING** |
|  | **Unit of learning Title** | **There should be consistency with the summary table**  | **OK** |  |
|  | **Unit code** | **Consistency** | **Inconsistent** | **Corrected** |
|  | **Related OS** | **Capture correct Unit of Competency** | **OK** |  |
|  | **Duration**  | **Consistency with table** | **OK** |  |
|  | **Unit description** | **Consistency with OS** | **OK** |  |
|  | **Summary of Learning outcomes** | **Consistency with Elements in the OS** | **OK** |  |
|  | **Learning outcomes** | **Consistency with Summary of learning outcomes** | **One missing** | **Added** |
|  | **Content** | **Adequacy (needs experts’ trainers)** | **OK** |  |
|  | **Suggested assessment methods** | **Consistency with the learning outcomes****Should be methods of assessment**  | **OK** |  |
|  | **Suggested ~~Delivery Methods~~** | **Suggested Methods of instruction** | **Terms Delivery Methods used** | **Replaced with method of instruction** |
|  | **Recommended Resources**  | **Should be consistent with the unit of learning**  | **OK** |  |
| **SCIENTIFIC PRINCIPLES** |
|  | **Unit of learning Title** | **There should be consistency with the summary table**  | **OK** |  |
|  | **Unit code** | **Consistency** | **OK** |  |
|  | **Related OS** | **Capture correct Unit of Competency** | **OK** |  |
|  | **Duration**  | **Consistency with table** | **OK** |  |
|  | **Unit description** | **Consistency with OS** | **OK** |  |
|  | **Summary of Learning outcomes** | **Consistency with Elements in the OS** | **OK** |  |
|  | **Learning outcomes** | **Consistency with Summary of learning outcomes** | **OK** |  |
|  | **Content** | **Adequacy (needs experts’ trainers)** | **OK** |  |
|  | **Suggested assessment methods** | **Consistency with the learning outcomes****Should be methods of assessment**  | **OK** |  |
|  | **Suggested ~~Delivery Methods~~** | **Suggested Methods of instruction** | **Terms Delivery Methods used** | **Replaced with method of instruction** |
|  | **Recommended Resources**  | **Should be consistent with the unit of learning**  | **OK** |  |
| **CORE UNITS** |
| **INSTALLATION OF WATER PIPES AND SYSTEMS IN BUILDINGS** |
| 1. **C**
 | **Unit of learning Title** | **There should be consistency with the summary table**  | **OK** |  |
|  | **Unit code** | **Consistent** | **OK** |  |
|  | **Related OS** | **Capture correct Unit of Competency** | **OK** |  |
|  | **Duration**  | **Consistency with table** | **OK** |  |
|  | **Unit description** | **Consistency with OS** | **OK** |  |
|  | **Summary of Learning outcomes** | **Consistency with Elements in the OS** | **OK** |  |
|  | **Learning outcomes** | **Consistency with Summary of learning outcomes** | **0K** |  |
|  | **Content** | **Adequacy (needs experts’ trainers)** | **OK** |  |
|  | **Suggested assessment methods** | **Consistency with the learning outcomes****Should be methods of assessment**  | **OK** |  |
|  | **Suggested ~~Delivery Methods~~** | **Suggested Methods of instruction** | **Terms Delivery Methods used** | **Term Methods of Instruction used** |
|  | **Recommended Resources**  | **Should be consistent with the unit of learning**  | **OK** |  |
| **RAINWATER HARVEST AND DISPOSAL** | Rainwater harvest and disposal |
|  | **Unit of learning Title** | **There should be consistency with the summary table**  | **OK** |  |
|  | **Unit code** | **inconsistent** | **Corrected** |  |
|  | **Related OS** | **Capture correct Unit of Competency** | **OK** |  |
|  | **Duration**  | **Consistency with table** | **OK** |  |
|  | **Unit description** | **Consistency with OS** | **OK** |  |
|  | **Summary of Learning outcomes** | **Consistency with Elements in the OS** | **OK** |  |
|  | **Learning outcomes** | **Consistency with Summary of learning outcomes** | **OK** |  |
|  | **Content** | **Adequacy (needs experts’ trainers)** | **OK** |  |
|  | **Suggested assessment methods** | **Consistency with the learning outcomes****Should be methods of assessment**  | **OK.** |  |
|  | **Suggested ~~Delivery Methods~~** | **Suggested Methods of instruction** | **Terms Delivery Methods used** | **Term Methods of Instruction used** |
|  | **Recommended Resources**  | **Should be consistent with the unit of learning**  | **OK** |  |
| **DRAINAGE SYSTEMS**  |
|  | **Unit of learning Title** | **There should be consistency with the summary table**  | **OK** |  |
|  | **Unit code** | **inconsistent** | **Corrected** |  |
|  | **Related OS** | **Capture correct Unit of Competency** | **OK** |  |
|  | **Duration**  | **Consistency with table** | **OK** |  |
|  | **Unit description** | **Consistency with OS** | **OK** |  |
|  | **Summary of Learning outcomes** | **Consistency with Elements in the OS** | **OK** |  |
|  | **Learning outcomes** | **Consistency with Summary of learning outcomes** | **OK** |  |
|  | **Content** | **Adequacy (needs experts’ trainers)** | **OK** |  |
|  | **Suggested assessment methods** | **Consistency with the learning outcomes****Should be methods of assessment**  | **OK.** |  |
|  | **Suggested ~~Delivery Methods~~** | **Suggested Methods of instruction** | **Terms Delivery Methods used** | **Term Methods of Instruction used** |
|  | **Recommended Resources**  | **Should be consistent with the unit of learning**  | **OK** |  |
| **SANITARY APPLIANCES** |
|  | **Unit of learning Title** | **There should be consistency with the summary table**  | **OK** |  |
|  | **Unit code** | **inconsistent** | **Corrected** |  |
|  | **Related OS** | **Capture correct Unit of Competency** | **OK** |  |
|  | **Duration**  | **Consistency with table** | **OK** |  |
|  | **Unit description** | **Consistency with OS** | **OK** |  |
|  | **Summary of Learning outcomes** | **Consistency with Elements in the OS** | **OK** |  |
|  | **Learning outcomes** | **Consistency with Summary of learning outcomes** | **OK** |  |
|  | **Content** | **Adequacy (needs experts’ trainers)** | **OK****-Wrong Bullets used** | **Corrected** |
|  | **Suggested assessment methods** | **Consistency with the learning outcomes****Should be methods of assessment**  | **OK.** |  |
|  | **Suggested ~~Delivery Methods~~** | **Suggested Methods of instruction** | **Terms Delivery Methods used** | **Term Methods of Instruction used** |
|  | **Recommended Resources**  | **Should be consistent with the unit of learning**  | **OK** |  |
| **WATER STORAGE SYSTEMS** |
|  | **Unit of learning Title** | **There should be consistency with the summary table**  | **OK** |  |
|  | **Unit code** | **Consistency with table** | **OK** |  |
|  | **Related OS** | **Capture correct Unit of Competency** | **OK** |  |
|  | **Duration**  | **Consistency with table** | **OK** |  |
|  | **Unit description** | **Consistency with OS** | **Not consistent** | **Corrected** |
|  | **Summary of Learning outcomes** | **Consistency with Elements in the OS** | **OK** |  |
|  | **Learning outcomes** | **Consistency with Summary of learning outcomes** | **OK** |  |
|  | **Content** | **Adequacy (needs experts’ trainers)** | **OK****wrong bullets used** | **corrected** |
|  | **Suggested assessment methods** | **Consistency with the learning outcomes****Should be methods of assessment**  | **OK.** |  |
|  | **Suggested ~~Delivery Methods~~** | **Suggested Methods of instruction** | **Terms Delivery Methods used** | **Term Methods of Instruction inserted** |
|  | **Recommended Resources**  | **Should be consistent with the unit of learning**  | **OK** |  |
| **MAINTENANCE OF PLUMBING SYSTEMS** |
|  | **Unit of learning Title** | **There should be consistency with the summary table**  | **Not consistent** | **Corrected** |
|  | **Unit code** | **Consistency with table** | **OK** |  |
|  | **Related OS** | **Capture correct Unit of Competency** | **OK** |  |
|  | **Duration**  | **Consistency with table** | **OK** |  |
|  | **Unit description** | **Consistency with OS** | **OK** |  |
|  | **Summary of Learning outcomes** | **Consistency with Elements in the OS** | **OK** |  |
|  | **Learning outcomes** | **Consistency with Summary of learning outcomes** | **OK** |  |
|  | **Content** | **Adequacy (needs experts’ trainers)** | **OK****wrong bullets used** | **corrected** |
|  | **Suggested assessment methods** | **Consistency with the learning outcomes****Should be methods of assessment**  | **OK.** |  |
|  | **Suggested ~~Delivery Methods~~** | **Suggested Methods of instruction** | **Terms Delivery Methods used** | **Term Methods of Instruction inserted** |
|  | **Recommended Resources**  | **Should be consistent with the unit of learning**  | **OK** |  |
| **FIRE CONTROL SYSTEM**  |
|  | **Unit of learning Title** | **There should be consistency with the summary table**  | **OK** |  |
|  | **Unit code** | **Consistency with table** | **OK** |  |
|  | **Related OS** | **Capture correct Unit of Competency** | **Not correctly stated as in O.S** | **Corrected** |
|  | **Duration**  | **Consistency with table** | **OK** |  |
|  | **Unit description** | **Consistency with OS** | **Not consistent** | **Corrected** |
|  | **Summary of Learning outcomes** | **Consistency with Elements in the OS** | **One missing** | **Added** |
|  | **Learning outcomes** | **Consistency with Summary of learning outcomes** | **OK** |  |
|  | **Content** | **Adequacy (needs experts’ trainers)** | **OK****wrong bullets used** | **corrected** |
|  | **Suggested assessment methods** | **Consistency with the learning outcomes****Should be methods of assessment**  | **Some not assessment method but tools** | **Amended** |
|  | **Suggested ~~Delivery Methods~~** | **Suggested Methods of instruction** | **Terms Delivery Methods used** | **Term Methods of Instruction inserted** |
|  | **Recommended Resources**  | **Should be consistent with the unit of learning**  | **OK** |  |