



MINISTRY OF EDUCATION

State Department of Vocational & Technical Training

**DAVID MBITI WAMBULI TECHNICAL AND VOCATIONAL COLLEGE**

**LEARNING PLAN**

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| **Unit of Competence:** INSTALL COMPUTER SOFTWARE | **Unit Code:** **IT/OS/ICT/CR/2/5** |
| **Name of Trainer: Guyo Abdifatah Bonaya** |  |
|  | **Level: 5** |
| **Date of Preparation:** 15th September 2023 | **Date of Revision:** |
| **Number of Trainees:** 2 | **Class:** |
| **Skill or Job Task:**  This unit covers the competencies required to perform computer software installation work.  Installation activities includes identification of the software to be installed, actual installation of the software, software functionality test and user training. | |
| **Benchmark or Criteria to be used**   1. **Identify software to be installed**    1. Software are classified according to the functionality, resource requirement and use.    2. Selection of software to be installed is identified based on usage and system requirements    3. Acquisition methods of the selected software are established. | |

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| **Week** | **Session No.** | **Session Title** | **Learning Outcome** | **Trainer**  **Activities** | **Trainee**  **Activities** | **Resources & Refs** | **Learning Checks/ Assessments** | **Reflections & Date** |
| 3  4  5 | 1 & 2  1&2  1&2 | Classification of software  Software selection  Acquisition of selected software | *By the End of the session the Trainee should be able to:*   1. *Explain meaning of software* 2. *Identify software classification*   *By the End of the session the Trainee should be able to:*   1. *Explain the meaning of system requirement.* 2. *Identify user and system requirement*   *By the End of the session the Trainee should be able to:*   1. *Explain the meaning of acquisition as used in software installation.* 2. *Explain methods used in software acquisition.* | *Trainer to:*  *1. Pose questions on the definition of software and terms used in it.*  2. Show a chart explaining classification of software.  *Trainer to:*  *1.Pose questions on system requirements*  2. plays a video explain user and system requirement to install window 10    *Trainer to:*  *1.Pose questions on meaning of acquisition*  2. Play video showing several methods of software acquisition. | *Trainee to:*  *-Give response to the question posed*  -Watch the chart  -Point out the several classes of software available as per the chart.  **Assignment**  - In groups analyze reasons behind classification of softwares.  -Present their findings  *Trainee to:*  *-Give response to the question posed*  -Watch the video clip  -Point out all system requirements as per the video clip.  **Assignment**  - In groups/ individually install windows 10.  *Trainee to:*  *-Give response to the question posed*  -Watch the video.  -Point out all methods of software acquisition as per the video.  **Assignment**  - Individually select a software of your choice and explain its method of acquisition.  - Present the findings | |  | | --- | | 1. Occupational Standard/Curriculum  2.Learning guides  Etc.  **Training Aids:**  chart , computer |   1. Occupational Standard/Curriculum  2.Learning guides  Etc.  **Training Aids:**  video, computer  1. Occupational Standard/Curriculum  2.Learning guides  Etc.  **Training Aids:**  video, computer | **Knowledge**  1. oral questioning  2. written  3. presentation  **Skills**  1. observation  **Attitudes**  1. observation  2. third party reports  3. external assessors  **Knowledge**  1. oral questioning  2. written  3. presentation  **Skills**  1. observation  **Attitudes**  1. observation  2. third party reports  3. external assessors  **Knowledge**  1. oral questioning  2. written  3. presentation  **Skills**  1. observation  **Attitudes**  1. observation  2. third party reports  3. external assessors |  |

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| **Unit of Competence:** INSTALL COMPUTER SOFTWARE | **Unit Code:** IT/OS/ICT/CR/4/6 |
| **Name of Trainer: Guyo Abdifatah Bonaya** |  |
|  | **Level: 5** |
| **Date of Preparation:** 15th September 2023 | **Date of Revision:** |
| **Number of Trainees:** 2 | **Class:** |
| **Skill or Job Task:**  This unit covers the competencies required to perform computer software installation work.  Installation activities includes identification of the software to be installed, actual installation of the software, software functionality test and user training. | |
| **Benchmark or Criteria to be used**   1. **Install the software**     1. Software specifications and computer resource requirements are identified    2. Source of software installation files is determined    3. Existing data is backed up    4. User vendor agreements are identified    5. Software installation is done as per the installation manual provided. | |

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| 6  7  8 | 1&2  1&2  1&2 | Software specifications and resource requirements  Continuous Assessment Test  Software source determination | *By the End of the session the Trainee should be able to:*   1. *Explain the meaning* Software specifications and resource requirements as used in software installation 2. *Analyze the* Software specifications and resource requirements as used in software installation   *By the End of the session the Trainee should be able to:*   1. *Identify software sources* 2. *Determine software sources* | *Trainer to:*  *1. Pose questions the meaning of* Software specifications and resource requirements as used in software installation  2. Show a chart showing selected software’s specification and its computer resource requirements.  *Trainer to:*  *1. Pose questions on software sources.*  2. Show a chart showing softwares and its valid sources. | *Trainee to:*  *-Give response to the question posed*  -Watch the chart.  -analyze software specification and its computer resource requirements as per the chart.  **Assignment**  - In groups select one software from the list, list down its specification and its computer resource requirements..  -Present their findings  *Trainee to:*  *-Give response to the question posed*  -watch the chart.  -Write-down all softwares and its valid sources  **Assignment**  *-in groups choose one software and check the validity of its source.* | 1. Occupational Standard/Curriculum  2.Learning guides  Etc.  **Training Aids:**  charts, computer  1. Occupational Standard/Curriculum  2.Learning guides  Etc.  **Training Aids:**  chart, computer | **Knowledge**  1. oral questioning  2. written  3. presentation  **Skills**  1. observation  **Attitudes**  1. observation  2. third party reports  3. external assessors  **Knowledge**  1. oral questioning  2. written  3. presentation  **Skills**  1. observation  **Attitudes**  1. observation  2. third party reports  3. external assessors |

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| 9  10 | 1&2  1&2 | Data backup  User vendor agreement | *By the End of the session the Trainee should be able to:*   1. *Explain the meaning data backup as used in software installation* 2. *Demonstrate data backup*   *By the End of the session the Trainee should be able to:*   1. *Explain the meaning of user vendor agreement as used in software installation* 2. *Identify user vendor agreement* | *Trainer to:*  *1. Pose questions on meaning data backup.*  2. Demonstrate how to back up existing data  *Trainer to:*  *1. Pose questions on user vendor agreement*  2. Show a video explaining user vendor agreement as used in software installation. | *Trainee to:*  *-Give response to the question posed*  -Follow as trainer demonstrates.  - back up the data as demonstrated by the trainer.  **Assignment**  *-Do more data backup*  *Trainee to:*  *-Give response to the question posed*  -watch the video.  - write down notes on user vendor agreement in software installation as per the video shown.  **Assignment**  *-in groups research on user vendor agreements in other fields.*  *- Present findings.* | 1. Occupational Standard/Curriculum  2.Learning guides  Etc.  **Training Aids:**  Smart board, computer  1. Occupational Standard/Curriculum  2.Learning guides  Etc.  **Training Aids:**  video, computer | **Knowledge**  1. oral questioning  2. written  3. presentation  **Skills**  1. observation  **Attitudes**  1. observation  2. third party reports  3. external assessors  **Knowledge**  1. oral questioning  2. written  3. presentation  **Skills**  1. observation  **Attitudes**  1. observation  2. third party reports  3. external assessors |
| 11 | 1&2 | Software installation | By the end of the session trainee **should** be able to:   1. **Explain** the meaning of software installation. 2. **Identify** software specifications. 3. **Install** computer software | Trainer:   * Poses questions on terms applied in computer installation. * plays video clips showing how to install windows 10 * Coordinate group discussion on the hazards installing software from untrusted sources. a group of four students each   Uses illustrative talk guides to guide the trainees in installing computer software. | Trainee(s):   * give responses to questions posed * watch the video clip * Identify the steps taken in installing windows 10. * In groups to discuss the hazards of installing software from untrusted sources. * Present their findings. * Install application software.   **Assignment**  Install Microsoft office package | **Refs:**  1. OS  2.**Link:**  <https://edu.gcfglobal.org/en/basic-computer-skills/installing-software-on-your-windows-pc/1/>  3. S.Mburu, G.Chemwa (2004) Longhorn Computer studies Form 4 Longhorn publishers Nairobi  **Training Aids:**  Video clip.  Mobile phone. | **Knowledge**  oral questioning  **Skills**  1. observation  2. project  **Attitudes**  1. observation  2. third party reports  3. external assessors | |
| 12 | 1&2 | Software installation | By the end of the session trainee **should** be able to.   1. **Identify** software specifications 2. **Install** computer software | Trainer:   1. Show a chart showing system requirements in order to install VLC player 2. plays video clips showing how to install VLC player 3. Uses illustrative talk guides to guide the trainees in installing computer software. | Trainee(s):  -watch the chart and write-down all the system requirements.  -watch the video clip  -Identify the steps taken in installing VLC player.  -Install application software.  **Assignment**  Install Google chrome and Mozilla Firefox | 1. OS  2. S.Mburu, G.Chemwa (2004) Longhorn Computer studies Form 4 Longhorn publishers Nairobi  **Training Aids:**  Video clip.  Chart  Mobile phone. | **Knowledge**  oral questioning  **Skills**  1. observation  2. project  **Attitudes**  1. observation  2. third party reports  3. external assessors | |
| 13 | Revision week | | | | | | | |
| 14 | End of Term exams | | | | | | | |

HOD SIGNATURE