Kirinyaga University

INDUSTRIAL ATTACHMENT LOG BOOK

COMPUTING/ SOFTWARE ENGINEERING/COMPUTER SYSTEM ENGINEERING

KIRINYAGA UNIVERSITY

ATTACHMENT PERSONAL DETAILS:

A. Personal Details

Last Name …….

Other Names …… Female ☐ Male ☐

Identity Card No……. Date of birth: Date …….. Month …… year ……

Course ……. Section …….. ……..Year…….

E-mail: ……..

Religion……..

Home Address ……Telephone: ……..…….

Next of Kin (Name) ……. Relationship……

Postal Address: …… Postal Code …… Tel. No. ……

Students signature …… Date ……..

B. Details of Attaching Organization

Name of Organization …….

Postal Address: …… Postal Code ……

Tel. No:..…….. Email …….

C. Industrial Attachment Supervisor/Trainer

Name ……

Position/Designation ……

Supervisor's signature……Date ……

LYNNETECH SOLUTIONS
06 AUG 2026
PO BOX: 128-20117 NAKURU
TEL: 0784979686
SIGN:.....

KIRINYAGA UNIVERSITY

THE LOG BOOK

1.0 INTRODUCTION

This logbook is meant to assist students keep detailed description of the tasks done, and new skills learnt over the course of attachment period. It is also meant to enable industry- based and university supervisors to keep track of the students' progresses, assess their work, and offer guidance where necessary. It should be neatly bound.

1.1 DAILY REPORT

The daily work carried out during the periods of training is to be recorded clearly with sketches and diagrams where applicable.

1.2 WEEKLY REPORT

This is a summary of the work done in a week and should cover theory/practical report on the work covered. Students are required to present the log book weekly to the industry- based supervisor for assessment of content and progress. The supervisor can use any page for his or her comments where necessary.

1.3 CHANGE OF ATTACHMENT

A student is expected to start and finish his/her industrial attachment in one establishment. If it becomes absolutely necessary that he/she must change to a different company, the student should secure permission by writing to the university his/her application for a change of place of attachment and should indicate the name and address of company he/she wants to change to.

1.4 UNIVERSITY SUPERVISOR'S VISIT

The University supervisor will check student's log book when he/she visits the students on attachment to ensure that proper training is being received, and record his/her comments on the space provided at the end of log book. During this time, the University supervisor can cancel the attachment and advise the student to look for attachment elsewhere if he/she feels that proper training is not being offered.

1.5 REPORT WRITING

In addition to the daily and weekly record, the student should submit a summary report of the work done during the attachment duration e.g. full coverage of the course, problems

encountered, suggested improvements to make the programme worthwhile. The report should contain a summary of the activities the student was involved in, challenges met and new skills learnt.

1.6 REPORT SUBMISSION

The log book must be submitted to the Department/Centre attachment coordinator at the end of the attachment together with the report both clean and neatly bound.

For proper coordination of this exercise, the attachees will be required to in details direct the University supervisor of the location of the attaching organization. Use a sketch map where applicable. Send us a ***COPY*** of the "***Attachment Personal Details Form KyUC/F/AA/18***" and a ***Route Map (Google Map***)" on or before ***19th October, 2021*** addressed as follows:

CoD School of Computing and Information Technology

ATT: Attachment Coordinator

Email: ***emwangi@kyuc.ac.ke***

F/AA/18

EXTERNAL ATTACHMENT REQUIREMENTS

FOR;

1. BACHELOR OF SCIENCE IN COMPUTER SCIENCE
2. BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY
3. BACHELOR OF SCIENCE IN SOFTWARE ENGINEERING
4. BACHELOR OF SCIENCE IN COMPUTER SYSTEM ENGINEERING
5. BACHELOR OF BUSINESS INFORMATION TECHNOLOGY

Industrial Attachment Learning Outcomes

By the end of the attachment period, an attachee should be able to

a) Assemble and install system and application softwares in a computer

b) Design, implement and monitor a computer network

c) Analyze real world problems and provide solutions inform of computer softwares

d) Improve/ develop new computer hardware

AREAS OF SPECIALIZATION

An attachee must participate in atleast any of the two areas.

S.NO	Main Objective	TOPIC	ACTIVITIES
COMPUTER SUPPORT MODULE			
1	Computer Support and Maintenance	Hardware components, Microprocessors, Motherboards, computer memory, ports and cables, fault diagnosis	Assembling, installation, testing and fault diagnosis
NETWORKING MODULE			
2	To have a general overview of Organizations network	Overview of LAN, MAN,WAN	Structure of network: Topology used, arrangement of network devices and their functions, network cabling used
	To understand various hardware	Network Hardware Components	Switch, wireless Routers, Hub, CAT 6 cable, RJ 45

	components commonly used in networking.		phase plates, phase modules, patch panels, data points, 9U cabinets, tranking etc.
	To understand tools commonly used in networking.	Network Hardware Tools	Crimping tool, Cable Tester, cable Striper etc.
	To understand tools and technologies used in setting a wireless network	Wireless Network	Mounting a wireless and configuring a WIFI
	To design a network system and to learn the factors considered when designing network systems.	Development and simulation of logical network	Attachee to designing client/server network using simulation simulation tool of choice
	To perform termination of cables (RJ 45 connectors, UTP cables) by following the EIT 568A or 568B standards. To connect switch and patch panels.	Network Cabling Testing of Network Cables	Termination of network cables: Crossover cable, Straight through cable Testing of network cables
	To be able to set up a physical computer network	Setting up a physical peer to peer or client/server network and installing a network printer.	Seting up of peer to peer or client/server network through the guidance of organizational supervisor
	To be able to perform effective installation and configuration of a network server	Installation and configuration of a network server. Use of Network Software Tools; Ipconfig, ping,	installation of user/group accounts Setting client services

		tracert etc.	
	To learn the importance of securing, and troubleshooting network. To share resources such as folders, printers	Securing a computer network Sharing of network resources (Installation and troubleshooting of a network printer, file and folder sharing)	Network configuration – seting of network security parameters (e.g. centralized authentication) Sharing of resources such as databases, applications, folders and files
	To use various tools to troubleshoot, and monitor performance of networks.	Network Troubleshooting	Useage of network troubleshooting tools (Software tools/Hardware tools) to diagonize and troubleshoot a network
	To monitor and manage a LAN/MAN/WAN Management	Network performance and	Usage of the required network monitoring and management tools
SOFTWARE DEVELOPMENT MODULE			
3	To Describe the software development life cycle Develop a software system Demonstrate the software system implementation	Software Design, Development, Implementation and Maintenance	Participate in any software development project in the organization. Document key milestones in the development process

KIRINYAGA UNIVERSITY

WEEK 1 PROGRESS CHART ***(WEEK ENDING DATE: ……)***

DAY	***DESCRIPTION OF WORK DONE AND NEW SKILLS LEARNT***
MONDAY	
TUESDAY	
WEDNESDAY	
THURSDAY	
FRIDAY	
SATURDAY	
SUNDAY	

KyU/F/AA/19

TRAINEE'S WEEKLY REPORT

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Student's Signature: …… Date: .....

Comments by Industrial based Supervisor:

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Name: ……...

Signature: ……. Date: .....