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FAES-IA000

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1. INTRODUCTION

- 1.1 In line with the University's thrust to "...contribute to the advancement of knowledge and its practical application....", the Faculty of Agriculture and Environmental Science (FAES) emphasises the need for students to acquire practical experience that is much sought after by employers. Students in the Faculty are therefore required to undergo a compulsory period of Industrial Attachment (IA) as part of their degree programmes for acquisition of practical skills and knowledge. In order to ensure high quality work-related learning, the faculty partners with organisations likely to provide meaningful and relevant working experiences.
- 1.2 Normally, a student shall start and finish the period of attachment at the same organisation. If it becomes necessary for a student to change his/her place of attachment, the student should first obtain permission in writing from the department. The application for change of place of attachment shall indicate the postal and physical addresses of the company or industry to which he/she wishes to transfer and the reasons for the transfer. Change of place of attachment not properly authorised shall be nullified.
- 1.3 This manual starts by listing reference and operational documents. This is followed by identification of key personnel in the IA process; description of IA activities (pre-IA phase, IA phase, and the post-IA phase).

2. REFERENCE DOCUMENTS

- 2.1 This manual shall be read in conjunction with the following documents among others:
 - 2.1 1 Rules of Student Conduct and Discipline Ordinance 4, 2001;
 - 2.1.2 General Academic Regulations for Undergraduate Degrees of the Bindura University of Science Education (BUSE);
 - 2.1.3 Programme Specific Regulations as they apply to each student; and BUSE Student Industrial Attachment Policy and,
 - 2.1.4 Faculty Standard Operating Procedures (FaSOPs)

3. DESCRIPTION OF OPERATIONAL DOCUMENTS

The set of operational documents for implementation of IA are as follows:

	Document	Purpose
Reference	Description	
No.		
FAES-	Academic Supervisors' Assessment	For examining student by the university
IA001	Form	lecturer(s)
FAES-	Academic Supervisors' Visit Report	Confirms students assessment and describes
IA002		challenges encountered
FAES-	Attachment schedule	Shows learning areas that a student should
IA003		cover
FAES-	Company Database Sheet	Provides a list of eligible organisations for
IA004		student placement including addresses and
		contact details
FAES-	Host Organisation Supervisors	For examining the student by the host
IA005	Assessment Form	organisation supervisor
FAES-	Guidelines for Student Industrial	Guides student in writing the Final IA
IA006	Attachment Report	Report
IA00X	Introductory Letter	Introduces the student to host organisations
FAES-	Log-Book	Provides a record of student training and
IA007		continuous assessment
Form	Placement Form	Confirms attachment of a student
C/I. A. 1		
FAES-	Schedule of Students	Lists students who are due for attachment
IA008		including their gender and any special
		requirements

4. STAFFING STRUCTURE AND RESPONSIBILITIES

- 4.1 The IA structure shall consist of a Faculty Industrial Attachment Coordinator and Departmental Industrial Attachment Coordinators. The Faculty Industrial Attachment Coordinators shall be selected from the Departmental Industrial Attachment Coordinators.
- 4.2 These coordinators shall perform the duties of the Industrial Liaison Officers at their respective levels.
- 4.3 Academic members within a department shall constitute the pool of academic supervisors.
- 4.4. The Host Organisation Supervisor, who shall be in-charge of the day-to-day supervision of a student on IA.
- 4.5 Other personnel that are involved directly in IA include Student Academic Advisors, Departmental Chairpersons, Faculty Dean, Deputy Registrar Academic, Dean of Students, Director Marketing and Development and the University Industrial Liaison Officer.

5. PRE-INDUSTRIAL ATTACHMENT PHASE ACTIVITIES/TASKS

	Description of activity/task	Timing	Responsible	Operational
			person(s)	document(s)
5.1	Preparing a database of	Two weeks into	Departmental	Company
	organisations that are relevant to	the semester	Coordinator	database sheet
	the students' degree	preceding IA		
	programmes			
5.2	Submitting a list of students for	Three weeks into	Departmental	Schedule of
	IA placement to the Faculty	the semester	Coordinators	Students
	Coordinator and distributing the	preceding IA		
	list to students			
5.2	Submitting the Faculty list of	Four weeks into	Faculty Coordinator	Schedule of
	students eligible for IA to the	the semester		Students
	Faculty Dean and University	preceding IA		
	Industrial Liaison Officer			
5.4	Orienting students on IA	Prior to Final	Faculty Coordinator;	All except

		Examinations for;	BUSE Industrial	Schedule of
		the semester	Liaison Officer;	Students
		preceding the IA	Dean of students	
5.5	Issuing to students all	Prior to Formal	Departmental	All except
	documents required for the	Examinations for;	Coordinator	Schedule of
	purposes of IA including those	the semester		Students
	required by Host Organisation	preceding the IA		
	Supervisors to assist them in the			
	supervision process			
5.6	Collecting all documents	On or before the	Student	All except
	required for the purposes of IA	orientation day		Schedule of
	from the Departmental			Students
	Coordinator including those			
	required by Host Organisation			
	Supervisors			
5.7	Securing attachment (this	Immediately after	Student	All except
	involves preparing and	orientation		Schedule of
	submitting the application			Students
	package, and attending			
	interviews)			

6. INDUSTRIAL ATTACHMENT PHASE ACTIVITIES/TASKS

	Description of activity/task	Timing	Responsible	Operational
			person(s)	document(s)
6.1	Appointing a Host Organisation	Upon accepting a	Host Organisation	All except
	Supervisor	student for IA	Management	Schedule of
				Students
6.2	Formulating an attachment	First of attachment	Host Organisation	Attachment

	programme and issuing it to the student		Supervisor	schedule
6.3	Submitting a Placement Form	within five	Student	Placement
	to the Departmental	working-days after		Form
	Coordinator copied to the	being accepted by		
	Faculty Coordinator and the	the Host		
	University Industrial Liaison	Organisation		
	Officer			
6.4	Developing a schedule and	At the end of the	Faculty Coordinator	Completed
	corresponding budget and	placement period		Placement
	submitting the documents to the	(Jan for Aug		Form
	Faculty Dean for approval	intakes and May		
		for Feb intakes)		
6.5	Arranging trips as scheduled in	Once the schedules	Faculty Coordinator	Completed
	liaison with sister Faculty	and budgets are		Placement
	Coordinators	approved		Form
6.6	Completing/Filling in Log-book	From first day at	Student	Industrial
		place of		Attachment
		attachment up to		Log-book
		the end of the		
		attachment period		
6.7	Commenting on the student's	¹ Weekly from the	Host Organisation	Attachment
	learning progress and	beginning to the	supervisor(s)	Schedule and
	performance in the in the Log-	end of the IA		Industrial
	book.	period		Attachment
				Log-book
6.8	Monitoring and Supervising to	Normally twice	Academic	Attachment
	ensure that the student receives	(one during the	Supervisor	Schedule, and
	proper training, and recording	first half and the		Industrial

	comments on in the log-book	other one during		Attachment
		the second half)		Log-book
				Academic
				Supervisors'
				Visit Report
6.9	Examining the student's	Normally once	Academic	Academic
	performance on IA	during the second	Supervisor	Supervisors'
		visit		Assessment
				Form

¹This ensures that if the student is to rotate to several departments and units each unit supervisor will comment on the student's performance.

7. POST-INDUSTRIAL ATTACHMENT PHASE ACTIVITIES/TASKS

	Description of activity/task Timing Responsible		Responsible	Operational
			person(s)	document(s)
7.1	Undertaking an overall	After the last day	Host Organisation	Host
	assessment of the student's	of the prescribed	Supervisor	Organisation
	learning progress and	IA period.		Supervisors
	performance as per the Host			Assessment
	Organisation Supervisors			Form
	Assessment Form that shall be			
	provided by the University.			
7.2	Completing the Host	Soon after	Host Organisation	Host
	Organisation Supervisors	completing Host	Supervisor	Organisation
	Assessment Form in confidence	Organisation		Supervisors
	and sending in a sealed	Supervisors'		Assessment
	envelope or scanning the filled-	Assessment Form		Form
	in and stamped forms and			
	sending them electronically to			

	the Chairman of the respective				
	Department				
7.2	² Submitting an IA Report and	Within two	(2)	Student	Log-book and
	the Log-book	weeks after	the		Guidelines
		completion	of		for Student
		Industrial			Industrial
		Attachment			Attachment
					Report
7.4	Convening an IA experiences	Within four	(4)	Faculty Coordinator	Not
	feedback meeting with students,	weeks after	the		applicable
	and other stakeholders involved	completion	of		
	in industrial attachment	Industrial			
		Attachment			

²Students are encouraged to start writing the IA Report whilst they are still on attachment starting from the first quarter.

APPENDICES: COPIES OF OPERATIONAL DOCUMENTS

Appendix 1: Academic Supervisors' Assessment Form (FAES-IA001)

Appendix 1.1 Student Attachment Assessment Report – First Visit BINDURA UNIVERSITY OF SCIENCE EDUCATION FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE STUDENT ATTACHMENT ASSESSMENT REPORT – FIRST VISIT

Personal Details Name of Student Registration Number Degree Programme. Name of Host Organisation.... Name of Work Supervisor Date of Visit **Rating Key Rating Explanation** 1 Unsatisfactory Below 50% Satisfactory 50% - 59% 2 3 Competent 60% - 64% Highly Competent 65% - 74% 4 5 Outstanding 75% +N/A Not Covered, Had no exposure A. Understanding Of The Organisation N/A 1 2 3 4 5 1. Core business of the organisation. 2. Organisational Structure. 3. Organisational Work Ethics.

4. Organisational Pol	licy.						
(e.g. Environmental,	Safety and Health Policy)						
5. Knowledge of org	5. Knowledge of organisation operations cycle						
B. General, Conduc	t And Behaviour						
1. Adaptability.							
2. Teamwork/ Coope	eration.						
3.Punctuality							
4. Commitment.							
5. Attitude towards n	nanagement.						
General Comments			•••••				
			•••••				•••••
			•••••				•••••
			•••••				
							•••••
		••••••	•••••				
			•••••				•••••
			•••••			•••••	•••••
			•••••				
			•••••				
Endorsements							
1. Name of Assessor	:						
Signature:			•••••				
2. Name of supervisor	or:						
Signature:			•••••				
Name of student:							•••••
Signature:							
Date:	(dd/mm/yyyy)						

Section A:

Appendix 1.2 Student Attachment Assessment Report – Second Visit

Personal Details

BINDURA UNIVERSITY OF SCIENCE EDUCATION FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE STUDENT ATTACHMENT ASSESSMENT REPORT – SECOND VISIT

Name of Student							
Registration Number							
Degree Programme							
Name of Host Organisation.							
Name of Work Supervisor							
Job Title of Work Superviso	r						
Name of Visiting Academic	Supervisor						
Date of Visit							••••
Section B:	Rating Key						
Rating	Explanation						
1	Unsatisfactory	Belov	v 50%				
2	Satisfactory	50%	- 59%				
3	Competent	60%	- 64%				
4	Highly Competent	65%	- 74%				
5	Outstanding	75%	+				
N/A	Not Covered, Had no exposu	ıre					
A. Evaluation Of Stud	ents' Work	1	2	3	4	5	N/A
1. Planning.							
2. Coordination.							
3. Innovativeness.							
4. Achievement of set tasks.							
B. General, Conduct And I	Behaviour						

1. Adaptability.							
2. Teamwork/ Cooperation.							
3. Knowledge of organisation operations cycle.							
4. Commitment.							
5. Attitude towards management.							
C. Progress on Research Project							
1.Project topic							
2. Is it researchable?							
3. Set up of field work.							
4. Data collection.							
			•				1
General Comments							
	•••••	•••••	•••••		•••••		
	•••••	•••••	•••••		•••••		
	•••••	•••••	•••••		•••••		
	•••••	•••••	•••••		•••••		
	•••••	•••••	•••••		•••••		•••••
	•••••	•••••	•••••		•••••		•••••
		•••••	•••••		•••••		•••••
	•••••	•••••	•••••		•••••		•••••
		•••••	•••••		•••••		•••••
	•••••	•••••	•••••	•••••	•••••		•••••
	•••••	•••••	•••••	•••••	•••••		•••••
	•••••		•••••				
Evaluation of student by host organisation (To be com-	plete	d by t	he me	entor	or line	e manag	er)
	1	2	3	4	5	N/A	
1. Reliability.							
2. Motivation.							1

3. Teamwork/ Cooper	ration.							
4. Employability ratin	g.							
5. Leadership Skills.								
6. Is the student articu	ılate?							=
General Comments		1	1	1			,	.
General Comments								
		•	••••••	••••••	••••••	••••••	••••••	••••••
		••••••	••••••	••••••	••••••	••••••	••••••	••••••
			••••••	••••••	••••••	••••••		
		•••••	••••••	••••••	••••••	••••••		••••••
		•	••••••	••••••	••••••	••••••	••••••	••••••
•••••		••••••	••••••	••••••	••••••	••••••	••••••	••••••
		•	••••••	••••••	••••••	••••••	••••••	••••••
		•	••••••	••••••	••••••	••••••	••••••	••••••
Rating		•••••	••••••	••••••	••••••	••••••		••••••
Actual Marks Obtaine	ad.							
Total Possible Marks	ou.							
	oonto aa							
Overall Marks In Perc	entage							
Endorsements								
	c							
Signature:							••••••	•••••
_	· · · · · · · · · · · · · · · · · · ·							
Signature:								
3. Name of student:								
Signature:								
Signature.		••••••	••••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •

Date Stamp

Appendix 2: Academic Supervisors' Visit Report (FAES-IA002)

BINDURA UNIVERSITY OF SCIENCE EDUCATION FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE INDUSTRIAL ATTACHMENT ACADEMIC SUPERVISORS' VISIT REPORT

(To be submitted by the Team Leader to the Chairpersons of the relevant Departments and Dean within three (3) days after the last day of the visit)

Time of Departure (24 hour notation):

Time of Arrival (24 hour notation) :

1. Length of Assessment Period

Date of Departure (dd/mm/yyyy):

Date of Return (dd/mm/yyyy) :

Surname	First Names	Registration	Organisation	Date Assessed
		Registration Number		

3. Comments on Individual Students' Performance (Comments outlined here should be in tandem with Academic Supervisors' Assessment Form (FAES-IA001) without necessarily repeating it).

4. Challenges Encountered by the Assessing Team and Possible Solutions

5. Comments from Host Organisation

5.1 Curriculum-related comments

5.2 General comments

6. Signatures of the Academic Supervisors:

	Surname and Initials	Signature	Date (ddmmyyyy)
1			
2			
3			
4			

Appendix 3: Attachment schedule (FAES-IA003)

Appendix 3.1 Programme: Bachelor of Agricultural Science Honours degree (Animal Science) Attachment Schedule

Preamble

During industrial attachment a student needs to work in all departments involved in the operations cycle or activities of the organisation. Taking cognisant of the fact that different organisations have various and diverse activities it is not possible to come up with a one size fits all recommendation. This document presents a proposed attachment program for Animal Science students.

Learning Outcomes

At the end of the Industrial Attachment period student should be able to:

- ➤ demonstrate appreciation of current production technologies and management practices;
- demonstrate critical thinking and problem solving capacities as they apply theoretical knowledge to practical situations in industry and farm situations.
- identify shortcomings in a particular production system and offer possible solutions which are economically, socially and environmentally acceptable;
- apply animal handling and husbandry techniques, disease prevention, diagnosis, and treatment techniques.
- develop problem identification techniques, design scientific experiments and be able to if they are attached to research institutions; and

Guidelines for the Attachment Programme

	Key Aspects/ Activities	Time
		(Week)
1	Familiarization with the Organisation	1
	Introduction to the organisation Sections, Personnel, Mentor/ Supervisor, Mission, Vision, Values, SOPs, Code of conduct, ethics etc.	

2	Production Department	2-9
	Breeders Section:	
	 Selection of Breeders/ replacement stock or purchasing of breeding animals and management of breeding stock Nutrition; Health; reproduction management Placement plans 	
	Commercial stock sections: Management of commercial stock	10- 17
	Nutritional management/ Ration formulation/ feeding Health management/ Veterinary department	
	Preparing stock for slaughter/ fattening	
	• Transportation	
	• Slaughter	
	Storage, distribution, marketing of the product	
	Product quality issues	
	Health and environmental issues	
3	Marketing Department	18- 21
	• Sales	
	Advertising/ marketing	
4	Finance Department	22- 27

	IT and Data capture	
	Financial records	
	• Accounts	
	Procurement	
	Stores management	
5	Human resources management	28- 32
	• Wages	
	Payroll	
	Disciplinary hearings	
	Labour Act	
	Organisational structure	
	Code of conduct	
	Security	
6	Report Compilation:	When required
	Weekly reports; Routine reports, progress reports, investigation reports	
	Attachment report writing and presentation to the organisation's management	

Appendix 3.2 Programme: Bachelor of Agricultural Science Honours degree (Crop Science) Attachment Schedule

Preamble

This document serves to give organisations to which our students will be attached a guideline of the expectations of the university on areas that the students should go through. The host organisation supervisors will find this helpful as it aligns the attachment programme to the goals and objectives of the Industrial Attachment.

Learning Outcomes

At the end of the programme, the student should be able to

- plan a cropping programme;
- manage a crop from planting up to marketing including management of finances and human resources;
- assess and evaluate cropping programmes and;
- solve to problems faced during the implementation of cropping programmes.

Expectations from the host organisation

The university expects the following from the host organisation;

- i. A mentor/supervisor should be assigned to the student, the mentor is to be anybody who can take the student through organisational processes especially those related to Crop Science. The mentor is to oversee the activities of the student.
- ii. Orientation of the student on the activities of the organisation, preferably the students can be given a feel of all the functional areas so that they can develop an appreciation of the inter-linkages between the departments.
- iii. A work plan can be developed for the students by the host organisation following the general guideline which will be in this paper

Guideline of the attachment programme

The attachment programme is supposed to run for a minimum of 8 months. If the organisation and the student are in agreement, the period may stretch beyond the stipulated time.

It is assumed that the host organisation has the following departments a production, human resource, finance, safety and health and engineering. These departments may not be clearly defined especially in smaller organisations but it is expected that activities that are related to

them will be there in the organisation and the students should be taken through them. The following is a time guideline on how the student can be taken through the attachment programme. Please note that this guideline is not written on stone, the supervisor may make the periods in some departments shorter especially where the departments are very integrated like the small farms. Time spent in some departments may be made longer if the supervisor feels that the student has not grasped concepts well.

Orientation – 2 *weeks*

Student to be taken on a familiarisation tour of the organisation, in the different departments so that they get to know people, processes, places and procedures. They may spend at least a day in a department for the familiarisation.

Safety and Health and Environment Department – 1 week

Student to be taken through the safety procedures, health policies and environmental policy and see these in application in the department.

Production – 6 *months*

This is the main thrust of the attachment. If the organisation is into the production of crops, then the student has to go through the production cycle of the different crops. This should include, crop planning, land preparation, nursery management, land preparation, planting, identification and control of weeds, diseases, and pests. In research organisations, these areas may not be as clear-cut especially in institutions involved in laboratory research. In such situations the student will be guided by procedures of the host organisation.

Engineering 2- weeks

Student is to have an appreciation of use, maintenance and calibration of the equipment.

Human Resources – 2 weeks

Student to be involved in labour planning and supervising of small groups of the work force. Where possible the students should be allowed into committee meetings resolving disputes and other labour issues like disciplinary hearings.

Finance – 2 weeks

The University appreciates the sensitivity of this department especially for private entities. The main intention is for the student to be exposed to budget and cash-flow preparations. The supervisor may isolate small components of the enterprise so that the student can have some

practice in these areas. The student should be allowed to evaluate the profitability of some ventures when they are done.

General Comments

Note that in all instances, the student must start by acquiring hands-on experience, and when they have acquired the experience, the line supervisors can allow the student to take a supervisory role under their guidance for the students to have a managerial feel in the work environment. Where possible the student can be given the opportunity to solve real life problems under the guidance of the supervisor.

University Academic Supervisors from the department shall normally visit the students twice for the length of the attachment period. The first visit will be to check on the settling in of the students and the last assessment will be to check on how much the student has learned. The line supervisor is to score the student against the parameters spelt out on the availed form.

Lastly, the department would like to state it categorically that no misbehaviours will be tolerated from the student, any misconduct should be reported to the industrial attachment Coordinator who will inform the chairperson. If solutions are not found then the issue will be directed to the dean. The department and faculty offices are open for communication if there are issues to be discussed. For communication please use the following numbers: Department attachment coordinator, Mr Mutsengi (vhurandi@gmail.com) - 0773104557, Department Chairperson, Ms Kamota (agathar.kamota@gmail.com) - 0773154520, Faculty Senior Assistant Registrar Mrs Nyama (cdnyama@buse.ac.zw) - 0772960816

It is hoped that the student will be of benefit to your organisation much as they are going to benefit from the knowledge and skills that they are going to acquire during their stay with your organisation

Appendix 3.3 Programme: Bachelor of Agricultural Science Honours Degree (Agricultural Education and Extension, and Bachelor of Science Honours Degree in Agricultural Economics and Management) Attachment Schedules

Learning Outcomes

The Department of Agricultural Economics, Education and Extension seeks to nurture competent agricultural economists and extension education specialists and practitioners who can generate, analyse and implement sound scientific principles in tackling the challenges of food insecurity and sustainable agriculture.

3. 3.1 Schedule for Bachelor of Agricultural Science Honours Degree (Agricultural Education and Extension) students

Department	Activities	Period (months)
Crop husbandry extension	Cereal production	3
	Oilseed production	
	Cash crops: tobacco, horticulture, cotton	
Animal husbandry extension	Large livestock	3
	Small livestock	
	Game and wildlife	
	Pastures and Range Management	
Farm Structures and Machinery	Farm buildings	2
	Farm equipment and machinery	
	Farm Roads	
	Irrigation and conservation works	

Farm and Agribusiness Management	Farm planning	2
	T 7	
	Farm Budgets and Accounts	
	Marketing and Value Chain	
	Transiting and variet chain	
	Farmer Training and field days	
	Management of Extension	
	Programmes	

3.3.2 Schedule for Bachelor of Science Honours Degree in Agricultural Economics and Management

Department	Activities	Period (months)
Market Analysis	Trend Analysis- (Prices and Outputs)	2
	Assess market performance	
Organisation Management	Record Keeping	2
	Budgets	
	Planning	
	Assess performance of different	-
	enterprises	
Financial Planning	Profit and loss statements	2
	Balance sheets	
	Decision making	
Policy Analysis	Review of policies	2
	Assess the effects of different policies on	
	the organisation	
Data Analysis	Trend Analysis	2
	Modelling and simulation	

Appendix 3.4 Bachelor of Environmental Science Honours Degree in Forestry Attachment Schedule

Preamble

The bachelor Science Honours degree in Forestry and Environmental Management degree at Bindura University of Science Education is offered as a four year programme of which the third year of training is for Industrial Attachment (at least 8months). The thrust of the industrial attachment is to develop and capacitate students with knowledge, attitudes and competencies to enable them to function as Foresters, Forest resource managers environmentalists, consultants, researchers etc. The industrial attachment offers the student the opportunity to relate theory with practice on the ground, to put theory into practical form, and to sharpen, This Industrial Attachment Training Programme lays out areas and activities that the Student should cover during the period of attachment in the concerned organisation.

Learning outcomes

By the end of the Industrial Attachment period students should be able to:

- 1. work independently on tasks given;
- 2. give feedback in the form of reports and presentation;
- 3. carry out and manage all core-activities of the organistaion that are related to their study programe;
- 4. demonstrate an understanding of professional and ethical practice;
- 5. dress appropriately;
- 6. allocate time effectively;
- 7. serve clients and stakeholders; and
- 8. participate as a member of a team.

	Key Aspects/ Activities	Time Guide (Weeks)
1	Familiarization with the organisation	1
	 Policies: mission, vision, values, Envioronmental policy, Work ethics Operations: Core business, work flow charts, departments/units, reporting structure and responsibilities, standard operating procedures General Induction in various units of the organisation e.g. 	

	human resources, engineering, laboratory, stores, Marketing	
	etc	
2	Forest/Environmental Management	Ongoing throughout
	Participate in production and review of plans such as	the attachment period
	- Contacio along	
	• Strategic plans	
	Tactical plans	
	 Annual plan of operations 	
	 Training plans Sefety and health plans 	
	 Safety and health plans Environmental management plans 	
3	Environmental management plans Numany N	4
3	Nursery Site selection	4
	Site selectionSoil collection	
	Soil collectionSeed collection	
	 Pot filling/Seedbed preparation 	
	 Seed sowing 	
	Seed sowingSeedling pricking out	
	 Seedling pricking out Seedling care (Watering, Pest monitoring and management, 	
	Disease monitoring and management)	
	Root pruning	
	Hardening off	
	Table Grand Control of the Control o	
4	Field planting	4
7		7
	Site preparation (Slash removal, Ripping, Marking, Pitting)Planting	
	 Survival Assessments 	
	Blanking	
	Spot weeding	
5	Silvicultural/Tending Operations	4
	• Cleaning	7
	Weeding	
	 Thinning (regimes, methods and safety consireations) 	
	 Pruning (Equipment, Procedure) 	
	Safety	
6	Forest Protection	Ongoing throughout
	Fire guard preparation	the attachment period
		the attachment period
	Fire detection	
	Fire fighting	
	 Disease and pest assessments 	
	Disease and pest control	
7	Harvesting	4
	Harvesting plans	

	■ Familiarisation with harvesting equipment (Chainsaws,	
	skidders, tractors, teleloggers, Haulers etc)	
	Chainsaw use (Safety precautions, Operation, Directional	
	felling, and Maintenance)	
	Bucking	
	Yarding methods	
	Timber forwarding	
8	Sawmill	
	Safety Induction	
	Familiarisation with equipment	
	 Timber seasoning (Air drying, Kiln drying) 	
	 Timber treatment (Methods, Chemicals, Environmental 	
	aspects, Quality assurance)	
9	Human resources Management	1
	■ Induction	
	Management of labour force Conducting sofety drills	
10	Conducting safety drillsAccounting Department	1
	 Record keeping 	
	 Any other duties assigned 	
11	Marketing department	1
	■ Sales	
	Advertising	
12	Report Compilation	Ongoing throughout
		the attachment period
	 Routine reports, progress reports, investigation reports 	portou
	 Attachment report writing and presentation to the 	
	organisation's management	

Appendix 3.5 Bachelor of Environmental Science Honours Degree in Natural Resources Management Attachment Schedule

Preamble

The bachelor of Environmental Science in Natural resources Management (Hons) degree at Bindura University of Science Education is offered as a four year programme of which the third year of training is for industrial attachment (at least 8 months).

Learning outcomes

The thrust of the industrial attachment is:

- 1.1 To develop and capacitate students with knowledge, attitudes and competencies to enable them to function as Natural Resource managers, environmentalists, consultants, researchers etc.
- 1.2 To offer the student the opportunity to relate theory with practice on the ground, to put theory into practical form
- 1.3 To enable students to gain organisational skills and professional awareness.
- 1.4 To develop the student's ability to work under supervision and directions from line supervisors efficiently.

This Industrial Attachment Training Programme lays out areas and activities that the Student should cover during the period of attachment in the concerned organisation as shown on the table below.

No.	Key Aspects/ Activities	Time
		(weeks)

1	Familiarization with the organisation	2
	Policies: vision, mission, values	
	■ Work ethics	
	 Operations: Core business, work flow charts, departments/units, reporting structure and responsibilities, standard operating procedures 	
	General Induction in various sections of the organisation	
2	Legal framework for Natural Resources Management	2
	 Participate in the application of Zimbabwean legal instruments in Natural Resources Management: ACTS (EMA, Water, Forest Act, Wildlife and Parks Act); and other Statutory Instruments. 	
	Indigenous knowledge systems	
	Enforcement of laws and sanctions	
3	Environmental Impact Assessment	2
	Participation in EIA Screening, Scoping, Consultations, and Reporting	
	Environmental degradation (land, soil, water pollution etc).	
4	Field surveys	4
	 Participation in Soil survey and Vegetation survey 	
	Water sampling procedures etc	
5	Community based NRM	4
	Participation in different community engagement exercises	
	Participation in social issues affecting sustainable management and utilization of forest resources	
	 Visits to natural resources sites 	
	 Stakeholder engagements in NRM 	
	 Training communities in NRM issues 	
	 Conservation education 	
	 Community participation in protected area management 	

	 Human/Wildlife conflict 	
	Management	
	 Collaborative management 	
	 Mobilization of political and local level support 	
6	Conservation of natural resources	4
	Participation in the following: wild land fire management; fire control	
	techniques; sustainable exploitation of Non-Timber Forest Products,	
	sustainable wetlands management and waste management	
7	Natural Resources Analysis and Valuation	
	Participation in NRM as a business - principles, procedures and valuation	
	process for the appraisal of natural resources	
	 Application of economic principles to problems in Natural 	
	Resources, such as multiple uses of forest lands, including wildlife,	
	recreation, watershed, timber production and consumption	
	 Natural Resource Allocations 	
	 Valuation of resources-types of values, market, non-market 	
	 Application of Economics in Renewable and Non Natural resource 	
	Management Issues	
	 Elements of profitability in Natural Resources 	
	Cost-benefit analysis	
8	Environmental Education/Environmental Management:	4
	Participation in: rehabilitation of degraded lands, awareness campaigns in	
	communities, environmental monitoring, and planning environmental	
	educational programmes	
9	Human resources Management: recruitment, selection, training and	1
	development, performance appraisal, wage/salary administration, discipline	
	and labour relations	
10	Project Planning and Management in NRM	4
	Participation in the following: project and strategic planning, project	

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	proposal preparation and identification, monitoring and evaluation of projects, and project appraisal and general management.	
11	Attachment report (routine, progress, investigation and reports) compilation Attachment report writing and presentation to the organisation's management	1
	management	

Appendix 3.6 Bachelor of Science Honours Degree in Safety, Health and Environmental Management Attachment Schedule

Preamble

The Bachelor of Science Honours Degree in Safety Health and Environmental Management is offered as a four year course in which during the third year the student is obliged to undergo work related learning for a period of at least8 months. Work related learning is a platform that affords students an opportunity to develop diverse skills in a real life organisational context. These skills are indispensable to the professional growth of the student as well as being also beneficial to the host organisation. As it is impossible to provide a straight jacket prescription of activities to be undertaken by students on attachment owing to organizational diversity of operations, a generic outline of activities is outlined for an organization with a typical SHE department.

Learning outcomes

At the end of the Industrial Attachment period students should be able to:

- 1. identify hazards and prescribe solutions.
- 2. to communicate effectively
- 3. to be team players
- 4. carry out safety drills and risk management.
- 5. demonstrate an appreciation of professional and ethical practice.
- 6. develop and implement environmental management plans
- 7. utilize time judiciously.
- 8. carry basic food inspection.

Proposed Attachment Programme

Key Aspects/ Activities	Time Guide
	(Weeks)
1. Familiarization with the organisation	5
 Policies: mission, vision, values, SHE policies, where not available draft them and present draft to management for consideration Work ethics Operations: Core business, work flow charts, departments/units, reporting structure and responsibilities, standard operating procedures General Induction in various units of the organisation e.g. human resources, engineering, laboratory, stores, finance e.t.c. Planning, implementation, monitoring and evaluation 	4
 2.1 Participate in production and review of plans such as Emergency preparedness and response plans Environmental Management Plans Waste management plans Departmental monthly, quarterly, biannual and annual work plans Training plans etc Environmental Statements 	
 2.2 Projects/programme monitoring and evaluation Procedures Methods/tools e.g. Participatory rural appraisal, goal achievement matrix, logical framework analysis Indicators e.g., process and output indicators 	
3. Risk assessment and management	8
 Familiarisation with methods e.g. HAZOP, HIRA, Fault Tee Analysis, Failure Mode Effect Analysis, Job safety analysis Environmental Aspects, Impacts and legal aspects registers Accident/incident investigation: rationale, methods, procedures, Legal provisions, etc Production of hazard profile maps Orientation to the organisation risk control strategies Risk communication SHEQ report 	

4. Information, Education and Communication (IEC)	3
 Identify safety, health and environmental problems requiring conduction of educational sessions Plan, deliver appropriate educational talks to applicable target audiences Use appropriate teaching/learning methods, aids Manage and Evaluate the educational sessions rendered 	
5. SHEQ systems orientation	4
 ISO 14001:2004 system elements, development and implementation Environmental Management Accounting and Auditing ISO 9001:2008 system elements, development and implementation OHSAS 18001:2007 system elements, development and implementation 	
6. Environmental monitoring	8
 Noise, dust, light, gas and vibration measurements and monitoring Air quality monitoring Collection and analysis of water, sewage and leachate samples Waste rock dumps and tailings dam rehabilitation 	
7. Food safety management	3
 Conduct basic food inspection Practise inspection of food premises Perform food sampling Swab, analyse and interpret food handlers, equipment and surfaces Perform food handlers physical assessment Conduct food handlers training Exposure to sitting and design considerations of food premises with bias on preventing food cross contamination Exposure to food safety systems e.g. HACCP, FHMs, SOPs, GHK, PLD, GMPs etc 	1
8. Report writing and presentations	
 Routine reports, progress reports, investigation reports Attachment report writing and presentation to the organisation's management 	

Appendix 3.7 Bachelor of Science Honours Degree in Wildlife Ecology and Management Attachment Schedule

Preamble

The bachelor of Wildlife and Rangeland Management at Bindura University of Science Education is offered as a four year course of which the third year of training is for industrial attachment (at least 8 months) and undertaking of a relevant academic research project. Student Industrial Attachment Programme (SIAP) is a "work-based experience programme" providing a real-life organisational context for students to develop specific or generic skills, valuable to their professional development. Students can apply and enhance their skills in reality, contribute to the organisation, and, at the same time, obtain invaluable guidance from their mentors. Since wildlife is a broad subject that encompasses all the undomesticated plants and animals, the University appreciates that our students will be attached in different organizations dealing with a section of wildlife. As Bindura University of Science Education, have developed an industrial attachment programme that details some of the activities are expected cover in their respective organizations.

Learning outcomes

- 1. Punctuality: The host organization is expected to emphasize the importance of punctuality, especially regarding meeting set objectives and targets of the organization. Students are expected to report for duty on time during the whole attachment period.
- 2. Taking instruction and execution: Students are expected to be able to take instruction from their mentors and be able to execute duties with efficiency.
- 3. Independence: students are expected to be able to work independently (with minimum supervision) by the time they finish their industrial attachment.
- 4. Report writing: students are expected to be able to give feedback in the form of reports and presentation to their mentors.
- 5. Fieldwork skills: Students are expected to participate in park/game ranch management activities and field monitoring studies (eg vegetation).

Description of activity	Time (months)
Familiarization:	1
 Mission, vision and values of the organization 	

■ Work ethics	1
- Work ethics	
 Operations: Core business, work flow charts, departments/units, 	
reporting structure and responsibilities, standard operating	
procedures	
 General Induction in various units of the organisation e.g. human 	
resources, engineering, laboratory, stores, finance etc	
Report writing: The standard way of writing reports within the	1 month and
organization.	ongoing
Operations:	2
 Workshop: general maintenance of equipment, fixing tyres, 	
cleaning vehicles.	
 Anti-poaching activities. Tracking of poachers tracks. Prolonged 	
periods in the bush, survival tactics. Pitching of tents	
• Feed formulation (for those in fish, crocodile production as well as	4
on small game ranches.	
 Game counts: water hole counts, aerial counts, spoor counts, road 	
strip counts	
 Vegetation assessment: Vegetation identification. 	
 Vegetation structure assessment. 	
 Game capture: Planning a capture operation. 	
 Research data processing: application of ANOVA, Kruskal Wallis 	
test, t-test, Wilcoxon Signed Rank test.	
 Applications of GIS in ecology: Production of habitat maps. 	
- Applications of Old in ecology. Floudiction of habitat maps.	
Hospitality: attending to tourists and visitors at the	1
company/organizations, and planning meetings, taking minutes etc	

Appendix 4. Company Database Sheet (FAES-IA004)

Host Organisation Name	Physical Address	Contact Details (email and telephone)
Acturus		
Afmine & Exploration, Freda Rebeca Goldmine Site, Bindura		
African Sustainability Consultants,	3rd flr Bard House, 67 S Machel Ave	
Africa University Farm	Africa University, Mutare	
Agritex Provincial Office, Bindura		
Agritex, Karoi Office		
Agritex, Zaka		
Baldmin Holdings	Burton/Princess Rd, Belvedere Square	
Beta Holdings	Brickfield Road, Mt Hampden	
Bindura Rural District Council	Manhenga	
Birdlife		
Bulawayo City Council		
BUSE Farm		
CAFCA,	54 Lytton Rd, Workington	
Caritas Masvingo, Beitbridge St Mary Sec Sch Office		
Chibero Agric. College	Off Bulawayo Rd, just after Norton	
Chiredzi Rural District Council		
CIMMYT Zimbabwe	UZ Farm, near Defence College	
City of Harare	Rowan Martin Bldng	
Coffee Research Institute, Chipinge	Cori off Charles Murray Rd,	
Cotton Training Institute	Kadoma	
Dairibord Zimbabwe,	1225 R Tangwena	

Dambari Wildlife Trust, Bulawayo	7 Abercombe Rd, Worringham, Bulawayo	
DR&SS	5th St Extension Near State House	
Dzikwa Trust	3147 Rujeko St, Dzivarasekwa	
Eden Sheq Safety, Health & Heath Env Consultancy	Batanai Gardens J Moyo/1st	
EMA, Masvingo	3 Hllet rd	
EMA, Bindura	Mutungagore Building	
EMA, Bluffhill	685/6 Lorraine drive	
EMA, Chinhoyi	Old Chinese Complex, opposite provincial hospital	
EMA, Chiredzi	Rm 4 NSSA Bldng,	
Forestry Commission, Highlands	1 Orange Grove Drive	
Forestry Commission, Gokwe		
Forestry Commission, Mutoko		
Freda Rebeca Gold Mine, Bindura		
Fresh Harvest	62 New Havean House, 6th/Chitepo	
Goldfields of Mazowe		
Goldfields of Shamva	2 Richlands Road, Shamva	
Grasslands Research Station	Marondera	
Gutu Rural District Council		
Gutu Veterinary Services Field		
Gwebi Agric. College	27km along Chinhoyi Rd near Nyabira	
Harare City Council	92 L Takawira, Cleveland Hse	
Ministry of Agriculture Head Office		
Hippo Valley Estates, Chiredzi		
Harare Region Electricity House,	Wynne/R Manyika	
Hwange National Park, Sinamatella Camp		
Kadoma City Council	Fitt Square, Kadoma	

Kairezi Subcatchment Council	Rochdale Complex, Nyanga
	Harare City Council Community Services,
Knowledge Transfer Africa	Mbare
Kunatsa Estates, 43km Ruya Falls Road, Matepatepa, Bindura	
Kushinga Phikelela National Farmer Training Centre, Marondera	
Kwekwe City Council	
Lake Kariba Fisheries	
Makoholi Research Station, Masvingo	
Mawenje Consulting, Avondale	5 Aberdeen Rd, Avondale
Metallon Corporation, Bulawayo Mining Company	Old Tuli Rd
Mimosa Mining Company	Dadaya Road, Zvishavane
Ministry of Health and Child Welfare, Concession District	
Hospital	
Ministry of of Local Gvt, Bindura	DA's Complex, 125A R Mugabe,
Msinje Farm,	26 km peg Shamva-Harare Highway
Mukuvisi Woodlands	
Municipality of Chegutu	1 Queen St
Mutasa Rural District Council	
National Foods Ltd Maize Mill	13 Foundry Rd, Aspindale
National Parks, Botanical Gardens	Sandringham/Borrowdale Rd
Nemchem International, New Ardbennie	9 Spurrier Rd, New Ardbennie
Nhimbe Fresh Exports, Marondera	Churchill Farm Marondera
Natinal Railways of Zimbabwe (NRZ)	
Nyanga National Park	
Parks & Wildlife Management Authority, Mushandike College	
Pedstock Investment	Harare Drive/Alpes Rd, Vainona

	Lot 7 Ventusburg Farm, Delpot Road, 6
PetroZim Line	Seagrave Mt Pleasant
Planet Africa	168 Smuts Road, Prospect, Waterfalls
Pioneer Hibred International	Emerald Hill Business Park
Rio Zim Renco Mine	
Sustainable Afforestation Association Chinhoyi Lions den cluster	
,	
Sustainable Afforestation Association Holton farm Macheke	
Southern Alliance for Indigenous Resources (SAFIRE)	132 Upper Fourth Street, Mutare
Saimoona Farm, Bindura	
SEEDCO, Kadoma Station	
Seedco, Rattray Arnold Research Station	Chisipite
Scientific and Industrial Research and Development Center (SIRDC)	1574 Alpes Rd/Technology Drive, Hatecliffe Extension
Southdown Estate	Eastern Border Rd, Chipinge
Suncrest Farm/Chikundu Safaris, Odzi	
Sustainable Afforestation Association (SAA)	Farm 5 Dorasdale Featherstone
Sustiglobal	80 Central Avenue, Harare
Tanganda Tea Company, Jersey Tea Estate, Chipinge	
TRB Kutsaga	After Airport, Towards Manyame Airbase
Triangle Limited	Triangle
Trojan Nickel Mine, Bindura	
United Nations Educational, Scientific and Cultural Organization (UNESCO) Regional office	8 Kenilworth Rd, Newlands

Veterinary Field Services, Chiredzi		
Wattle Company, Nyanga, Pine division		
Wattle Company, Nyanga Pine, Mutasa		
Windmill Pvt ltd	Coventry Rd	
Zimababwe Electricity Transmission and Distribution Company (ZETDC)	25 Samora Machel Avenue Harare	
Zimbabwe Sugar Association Experiment Station, Chiredzi Zimbabwe Alloys Chrome	99km Ngundu/Tanganda Rd 1899 Bristol Rd, Gweru	
Zimbabwe consolidated diamond company	6 Constantia avenue Strathaven, Hre	
ZimChemRefiners New Zimsteel Works	Redcliff, Kwekwe	
Zimbabwe Power Company (ZPC)	12th flr Megawatt Hse, 44 S Machel Ave	
ZPC, Harare Power Station	6 Coventry Rd, Workington	
ZPC, Hwange Power Station	Old Victoria Falls Road, Hwange	
ZPC, Munyati Power Station		

Appendix 5. Host Organisation Supervisors Assessment Form (FAES-IA005)

BINDURA UNIVERSITY OF SCIENCE EDUCATION FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE STUDENT ATTACHMENT ASSESSMENT REPORT – SECOND VISIT

Section A: Personal Details

Name of Student
Registration Number
Degree Programme
Name of Host Organisation.
Name of Work Supervisor
Job Title of Work Supervisor
Name of Visiting Academic Supervisor
Date of Visit

Section B: Rating Key

Rating	Explanation	
1	Unsatisfactory	Below 50%
2	Satisfactory	50% - 59%
3	Competent	60% - 64%
4	Highly Competent	65% - 74%
5	Outstanding	75% +
N/A	Not Covered, Had no exposu	ire

A. Evaluation Of Students' Work	1	2	3	4	5	N/A
1. Planning.						
2. Coordination.						
3. Innovativeness.						
4. Achievement of set tasks.						
B. General, Conduct And Behaviour						
1. Adaptability.						
2. Teamwork/ Cooperation.						
3. Knowledge of organisation operations cycle.						
4. Commitment.						
5. Attitude towards management.						
C. Progress on Research Project						
1.Project topic						
2. Is it researchable?						
3. Set up of field work.						
4. Data collection.						
						1
General Comments						
	•••••	•••••	••••••	••••••	••••••	
	••••••					

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	•••••	•••••	•••••	•••••	•••••	•••••	
	•••••	•••••	• • • • • • • • •	•••••	•••••	•••••	••••••
Evaluation of student by host organisation (To be com	plete	d by t	he me	ntor o	or line	mana	ger)
	1	2	3	4	5	N/A	-
	1		3	4	3	1 \ /A	
1. Reliability.							
2. Motivation.							
3. Teamwork/ Cooperation.							
4. Employability rating.							
5. Leadership Skills.							
6. Is the student articulate?							
							_
General Comments							
						• • • • • • • • • • • • • • • • • • • •	
	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	
	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	••••••
	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	•••••	••••••
Rating							
Actual Marks Obtained							
Total Possible Marks							
Overall Marks In Percentage							

Endorsements

1. Name of supervisor	r:
Signature:	
	or:
1	
3. Name of student:	
Signature:	

DATE STAMP

Appendix 6. Guidelines for Student Industrial Attachment Report (FAES-IA006)
FAES-IA006

BINDURA UNIVERSITY OF SCIENCE EDUCATION FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE GUIDELINES ON WRITING AN INDUSTRIAL ATTACHMENT REPORT

Preamble

The purpose of this guideline is to provide a framework by which industrial attachment reports should be written. This is necessary as a quality assurance measure that will enhance standardization of student reports and objective allocation of marks by the examiners.

1. Cover Page of the Report

University Name (Bold-font size 18), Department Name (Bold-16), Title (Bold/italics-14), University Logo, Student name and ID (Bold-12), Purpose and Date of Submission (Bold-12). Don't forget the border.

2. Title Page of the Report

Must list organisation's name, Address, Contact details, Period of attachment, Industrial supervisor (contact details), Academic supervisor and Date of submission.

3. Preliminary Pages

- Declaration, Acknowledgements, Dedication
- **♦** Abstract
- **❖** Table of contents

[10 marks]

4. Introduction

Description of organisation's operations, location map, production cycle, relevance of various organizational departments and student's niche in the host organisation.

[20 marks]

5. Activities Covered During Attachment

❖ Duties in various departments, value added to host organisation, challenges and solutions encountered, extra mural activities and new technologies learnt.

[30 marks]

6. Application of Knowledge Taught

❖ Ability to integrate taught courses and industrial demands

[20 marks]

7. Student's Evaluation of Industrial Attachment

- ❖ Discussion of experience and knowledge gained by the student including conflicts between theory and practice
- Conclusion and recommendations

[20 marks]

8. Report Length and other features

The report shall be from 15 to 20 pages long inclusive of pictures and references.

Spacing shall be 1.5

Font type shall be Times New Roman

Font size shall be 16 for headings, 14 for subheadings and 12 for ordinary text.

Margins shall be normal with the following dimensions:

Top 1"
Bottom 1"
Left 1"
Right 1"

9. References (if any) and Appendices

• e.g. photos at attachment, applications the student was exposed to, working documents produced, work plan etc.

Appendix 7. Introductory Letter (IA00X)



BINDURA UNIVERSITY OF SCIENCE EDUCATION

Date

Dear Sir/Madam

STUDENT INDUSTRIAL ATTACHMENT FOR 2017/8

I am writing on behalf of Bindura University of Science Education requesting your assistance with the attachment of the following Third Year student, (Name of Student), Registration Number B1128359.

The student is studying for a four-year (name of degree programme).

During the third year of study, students are required to do industrial attachment for a minimum of eight months. During the period they are expected to apply their theoretical knowledge to practical work situations through the assistance of mentors in the organizations to which they will be attached.

Students are expected to be on industrial attachment from August (specify year).

We will be happy to furnish you with additional information about industrial arrangements and procedures, if our request is considered.

Yours faithfully	
AR GWATA [Mr]	
Industrial Liaison Officer	

Appendix 8. Log-Book (FAES-IA007)

BINDURA UNIVERSITY OF SCIENCE EDUCATION FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE STUDENT INDUSTRIAL ATTACHMENT LOG-BOOK

1. Introduction

This book shall be used by the student to keep a record of Industrial Attachment (IA) training. The records shall include departments and sections in which the student has worked and the periods of time spent in each. The Host Organisation Supervisor shall comment on the student's learning and performance in the log-book weekly. The Academic Supervisors shall study the log-book and comment on the learning and performance of the student during the Industrial Attachment Assessment Visits. The student shall be required to submit the log-book together with the Final Industrial Attachment Report. The Host Organisation Supervisor shall use or design a log-book following guidelines provided in section 3 of this document and issue it as a bound copy to the student or a digital form whichever is convenient him/her.

2. Description of Records and Reporting Frequency

2.1 Student

Record daily work clearly with sketches and diagrams where applicable at the end of every working day and should indicate the tasks done (including the level of accomplishment) and the skills learnt. The logbook should be kept by the student at the work place. At the end of each week the student shall compile a summary of the work done in that week and present the logbook weekly to the industry-based supervisor for assessment of content and progress.

2.2 Academic Supervisor

The Academic Supervisor will check the logbook when he/she visits the student to check on whether proper training is being received or not, and record his/her comment in the log-book.

2.3 Host Organisation

Host Organisation Supervisor(s) shall make comments on a weekly basis in the log-book. This is to ensure that if the student is to rotate to several departments and units each unit supervisor will comment on the student's performance. The supervisor can comment on any page where necessary but he/she should sign and stamp the last page for that week. Whilst the comments can be typed in, the signature should be hand-written.

3. Sample Log-book Pages

FULL NAME O	F STUDENT (surname	e first)		
REGISTRATIO	N NUMBER:		(GENDER: Male/Female
ATTACHMENT	PERIOD: FROM:_		TO:	
		(DD/MM/YYYY)		(DD/MM/YYYY)
NAME OF ATT	ACHMENT ORGAN	ISATION AND ADDR	ESS:	
		ATION SUPERVISOR (
	DAILY A	ATTACHMENT RECO	ORDS	
DAY/DATE		DAY'S ACTIV	VITIES	
MONDAY				
TUESDAY				
WEDNESDAY				

THURSDAY	
FRIDAY	
CATTIND AN	
SATURDAY	
•••••	
SUNDAY	
SUNDAY	
•••••	
	HOST ORGANISATION SUPERVISORS' COMMENTS
	HOST ORGANISATION SUPERVISORS COMMENTS

Full Name (surname and initials):
Date:(dd/mm/yyyy)Signature:
BLANK PAGE FOR
DRAWINGS/DIAGRAMS/SKETCHES/PHOTOGRAPHS/NOTES/CALCULATIONS/ E.T.C.
PAGE RESERVED FOR ACADEMIC SUPERVISOR'S COMMENTS INSERTED SUCH THAT COMMENTS CAN BE MADE AFTER EVERY QUARTER
ACADEMIC SUPERVIORS' COMMENTS

Full Name (surname and initials):
Date(dd/mm/yyyy):Signature:

Appendix 9. Placement Form (Form C/I. A. 1)

Form C/I. A. 1

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

Student Placement Form

 $(Complete\ in\ duplicate\ and\ submit\ to\ Faculty\ Assistant\ Registrar\)$

A. Student Details		
	Student Reg No.:	
Surname	:	
First Name	:	
Sex	:	
National I. D.	:	
Programme	:	
Contact		
Address	:	
Telephone	:	
E-mail	:	
Placement		
Organisation	:	
Contact Address	:	

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Physical	:	
Address		
Telephone	:	
Fax	:	
Supervisor's		
Name	:	
Telephone	:	
E-mail	:	
		This is to confirm that the above stated student commenced work-related learning at this organisation thisday of200
		Signed

Appendix 10. Schedule of Students (FAES-IA008)

Obtainable from the Departments.