

Ministry of Higher and Tertiary Education, Science and Technology Development

MASVINGO POLYTECHNIC

DIVISION OF APPLIED SCIENCE

ENVIRONMENTAL HEALTH DEPARTMENT

Course: Environmental Health

PREAMBLE

The course is designed to develop an environmental health technician with the knowledge, skills, and attitudes required to satisfy the needs of the health sector and allied industries. The course is done on a full time basis where the trainee will go to college for theory during school terms and go on attachment during school holidays. The trainee will be assessed through continuous assessment, written examinations, research project and on the Job Education and Training. The course will include Science, Technology, Engineering and Mathematics culture; gender main streaming and sustainable development concepts.

COURSE AIM:

To develop an Environmental Health Practitioner with the knowledge, skills and attitudes to promote sustainable environmental health.

COURSE OBJECTIVES:

Graduates of the course should be able to:

- Examine building plans and inspect buildings for compliance with public health requirements;
- Monitor adherence to environmental and other requirements;
- Manage environmental health programmes;
- Prevent and control communicable and non-communicable diseases;
- Solve public health problems through effective research
- Implement health and safety regulations at the workplace;
- Demonstrate a critical, logical and objective approach to problem solving.

JOB OPPORTUNITIES

- Environmental Health Technician

- WASH officers
- Safety Officers
- TB and HIV/AIDS focal persons,.
- SHE officers or assistants
- M&E Officers
- Environmentalists
- Waste management officers

ENTRY REQUIREMENTS

- At least 5 O' level subjects including Mathematics, English and any Science subject
- A' level is an added advantage

DURATION OF STUDY

- Environmental Health program runs for four years:
 - National Certificate – 2 years
 - National Diploma – 2 years
- Every school holiday students undergo on the job training
- Courses are offered on a three term basis from January to December

Course and subjects offered:

COURSE & LEVEL	ENTRY REQUIREMENTS	DURATION	SUBJECTS
National Certificate ENVIRONMENTAL HEALTH 2 years	5 O' level including English Language, Mathematics and any Science subject. A levels are an added advantage	2 years	<ol style="list-style-type: none"> 1. Building Practice 2. Communicable Disease 3. Health Communication 4. Sanitation 5. Human Anatomy and Physiology 6. Microbiology 7. Introduction to Computers 8. National Studies 9. ESD 10. On the Job Education and Training
National Diploma ENVIRONMENTAL HEALTH 2 years	NC ENVIRONMENTAL HEALTH	2 years	<ol style="list-style-type: none"> 1. Epidemiology 2. Food Hygiene 3. Parasitology and Pest Control 4. Social Psychology 5. Physical Science 6. Research Methods 7. Occupational Health and Safety 8. Environmental Health Practice 9. Meat Hygiene 10. Research Project 11. On the Job Education and Training

NB: The department only has January intake of each year. Applications are normally done in response to an advert in any family newspaper and the applications are directed to the office of the Provincial Medical Director (PMD), C/O Provincial Environmental Health Officer (PEHO) in any province of your choice