



CIPRIANI COLLEGE
OF LABOUR AND CO-OPERATIVE STUDIES

OCCUPATIONAL SAFETY, HEALTH & THE ENVIROMENT

TABLE OF CONTENTS

02

WELCOME MESSAGE

03

PROGRAMME DESCRIPTION

04

BSC. OSHE MODULE

06

ASC. OSHE MODULE

08

DIPLOMA OSHE MODULE

09

CERTIFICATE OSHE MODULES

10

THE ASC. ENVIRONMENTAL MANAGEMENT MODULES

12

THE DIPLOMA ENVIRONMENTAL MANAGEMENT MODULES

13

THE CERTIFICATE ENVIRONMENTAL MANAGEMENT MODULES

14

ACCELERATED PRACTITIONER CERTIFICATION

15

CONTACT INFORMATION

Welcome Message

Occupational Safety, Health and the Environment

Welcome to the Occupational Safety (No punctuation in titles) Health and the Environment (OSHE) department at CCLCS. Our vision is to provide a holistic and multi-dimensional training experience relevant to those involved in the business of Occupational Safety Health and the Environment. We do this through an interdisciplinary approach, augmented by practical experiences. As a student of the programme you will encounter many new experiences that will transform your lives positively. I urge you to embrace these experiences, to challenge yourselves and to strive for excellence. In this discipline, you have the ability to influence change in the environment that can positively impact the safety and health of employees in the workplace.

The department is led by Barry Parasram who has more than 10 years' experience across various sectors. He holds a BSc OSHE, MSc OESH and a MBA with HR specialization. Further, he is graduate member of IOSH and an ISO 45001 Certified Lead Auditor. Mr. Parasram was integral in the realignment of programmes in the department, to suit the needs of the industry, and instrumental in attaining accreditation of the new programmes from IOSH and ACTT.

The OSHE programmes offer flexibility consistent with the approach to providing accessible tertiary education. The department offers the following: Bachelor of Science (BSc); Associate of Science (ASc); and the Diploma and Certificate OSHE. In addition, an ASc, Diploma and Certificate Environmental Management are also offered. Our programmes are accredited by the Accreditation Council of Trinidad and Tobago (ACTT), and by the Institute of Occupational Safety and Health (IOSH). Courses are delivered by industry experts and modification is based on constant stakeholder engagement to produce a competent practitioner well-suited to the needs of the industry and in alignment with the IOSH Competency Framework.

Programme Description

The vision of OSHE programme is to promote excellence of the highest quality in the field of OSHE. It is geared towards preparing students for professional and managerial employment in the related field. The programme encourages students on completion to pursue higher academic learning of their choice.

The CCLCS offers the following:

1. **Accelerated Practitioner's Certificate:** A fast track 12-credit certificate in 15 weeks where credits earned are transferrable to the bachelor's programme.
2. **The Certificate programme** offers applicants a competency-based foundation to be able to operate in the world of work. The credits earned are transferrable to the Bachelor's degree programme at any time.
3. **The Diploma programme** offers graduates an intermediate competency-based insight with dedicated outcomes in diverse environments set at the individual, community and regional levels. The credits earned are transferrable to the Bachelor's degree programme at any time
4. **The Associate degree programme** offers graduates cutting-edge skills that allow for effective functioning in the field. These credits earned are transferrable to the Bachelor's degree programme at any time.
5. **The Bachelor's degree programme** offers graduates business, technical and knowledge-based skills. This programme is ideally suited for all stakeholders, and applicants can start at any level (Certificate, Diploma, Associate or Bachelors).

PROGRAMME STRUCTURE – The BSc OSHE is 112 credits, 3 ½ years full time or 4 ½ years part-time and is composed of the following modules:

General Education – 24 credits

COM 101 Fundamentals of Communication
MAT 100 Mathematics
LOG 120 Critical Thinking
RES 100 Research Methods and Statistics
PSY 100 Introduction to Psychology
CIS 100 Introduction to Computer Information Systems
ENG 110 Fundamentals of Writing
CAS 130 Caribbean Studies

Supporting Courses – 9 credits

CHM 100 Introduction to Chemistry
HUM 220 Ethics and Moral Values
LBS 100 Introduction to Industrial Relations

Core Courses - 49 credits

OSH 110 Safety Technology I
OSH 120 Safety Management I
OSH 141 Occupational Health and Industrial Hygiene I
OSH 210 Safety Technology II
OSH 220 Safety Management II
OSH 241 Occupational Health and Industrial Hygiene II
OSH 310 Safety Technology III
OSH 320 Safety Management III
OSH 341 Occupational Health and Industrial Hygiene III
OSH 231 Occupational Safety Health and the Legislative Framework

ENM 238 Environmental Risk and Impact Assessment

ENM 240 Legal & Legislative Framework of Environmental Management

OSH 420 Fire Safety Management

EMM 275 Disaster Preparedness and Planning

OSH 369 Ergonomics

BIO 200 Epidemiology and Toxicology

1 Foundation – 3 credits

LCS 199 Fundamentals of Labour and Co Operative Movements

5 Electives – 15 credits (Chosen from any department)

First Aid Workshop– 1 credit

OSH 471 Research Paper 6 credits

OSH 351 Internship 5 credits

PROGRAMME STRUCTURE – The ASc OSHE is 64 credits, 2 years full time or 3 years part time and is composed of the following modules;

General Education – 15 credits

MAT 100 Mathematics

LOG 120 Critical Thinking

PSY 100 Introduction to Psychology

CIS 100 Introduction to Computer Information Systems

ENG 110 Fundamentals of Writing

Supporting Courses – 6 credits

CHM 100 Introduction to Chemistry

LBS 100 Introduction to Industrial Relations

Core Courses - 30 credits

OSH 110 Safety Technology I

OSH 120 Safety Management I

OSH 141 Occupational Health and Industrial Hygiene I

OSH 210 Safety Technology II

OSH 220 Safety Management II

OSH 241 Occupational Health and Industrial Hygiene II

OSH 231 Occupational Safety Health and the Legislative Framework

ENM 238 Environmental Risk and Impact Assessment

EMM 275 Disaster Preparedness and Planning

BIO 200 Epidemiology and Toxicology

1 Foundation – 3 credits

LCS 199 Fundamentals of Labour and Co Operative Movements

OSH 262 Capstone Project 5 credits

OSH 351 Internship 5 credits

PROGRAMME STRUCTURE – The Diploma OSH is 24 credits, 1 year in duration and is composed of the following modules;

OSH 265 Construction Safety

OSH 270 Laboratory Safety

OSH 245 Fire Safety

OSH 150 Security Aspects of Safety

ENM 221 Environmental Risk Assessment

PSY 100 Introduction to Psychology

LOG 120 Critical Thinking

LBS 100 Introduction to Industrial Relations

PROGRAMME STRUCTURE – The Certificate OSH is 18 credits, 1 year in duration and is composed of the following modules;

OSH 100 Fundamentals of Occupational Safety and Health

OSH 110 Safety Technology I

OSH 120 Safety Management I

OSH 141 Occupational Health and Industrial Hygiene I

COM 101 Fundamentals of Communication

OSH 231 Legal and Legislative Framework of OSH

PROGRAMME STRUCTURE – Environmental Management Programmes

PROGRAMME STRUCTURE – The ASc Environmental Management is 68 credits, 2 years full time or 3 years part time and is composed of the following modules;

General Education - 21 Credits

CAS 130 Caribbean Studies
CIS 100 Introduction to Computer Information Systems
COM 101 Fundamentals of Communication
ENG 110 Fundamentals of Writing
LOG 120 Critical Thinking
MAT 100 Mathematics
PSY 100 Introduction to Psychology

Supporting Courses - 3 Credits

LBS 100 Introduction to Industrial Relations

Core Courses – 33 Credits

ENM 126 Land Degradation & Rehabilitation / Conservation
ENM 136 Environmental & Occupational Sociology
ENM 143 Environmental Science II
ENM 148 Alternative Sources of Energy
ENM 215 Caribbean Geological and Geomorphic Environmental Dynamics
ENM 226 Biodiversity & Conservation
ENM 235 Environmental Investigative and Impact Assessment Techniques
ENM 240 Legal and Legislative Framework of Environmental Management
ENM 258 Economics for Environmental Management
ENM 261 Water Resource Management
ENM 265 Ethics, Morality and Corporate Governance in Environmental Management

Electives – 3 Credits (Select one)

ENM 210 Impact Assessment and Evaluation
ENM 221 Environmental Risk Assessment

EMM 275 Disaster Preparedness Planning

ENM 280 Project Management for Environmental Management

Research Project – 5 Credits

Internship – 3 credits

PROGRAMME STRUCTURE – The Diploma Environmental Management is 21 credits, 1 year in duration and is composed of the following modules;

ENM 151 Environmental Management Systems and Environmental Audits

ENM 200 Caribbean Environments - Profiles & Problems

ENM 210 Impact Assessment and Evaluation

RES 100 Research Methods & Statistics

ENM 221 Environmental Risk Assessment

ENM 230 Pollution Control Management

ENM 240 Legal and Legislative Framework of Environmental Management

**PROGRAMME STRUCTURE – The Certificate Environmental Management is 18 credits,
1 year in duration and is composed of the following modules;**

COM 101 Fundamentals of Communication

ENM 121 Principles & Theories of Environmental Management

ENM 131 Environmental Issues

CHM 100 Introduction to Chemistry

ENM 142 Environmental Science I

ENM 160 Environmental Law

PROGRAMME STRUCTURE – Accelerated Practitioner Certification

PRM 120- Fundamentals of Projects Management

PRM 125- Project Identification and Selection

PRM 135- Proposal Development and Costing

Workshops:

- Fundamentals of Project Planning
- Project Executing and Implementing Strategies
- Developing your Technical Report
- Writing and Presentation Skills for Project Management

Contact information

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