

ADVANCED DIPLOMA IN HORTICULTURE

Qualification code: ADHO20 - NQF Level 7 (120 credits)

SAQA ID: 104463, CHE NUMBER: H/H16/E063CAN

Campus where offered:

Pretoria Campus

REMARKS

- a. *Admission requirement(s):*
A National Diploma or Diploma in Horticulture, **or** a relevant bachelor's degree in Horticulture, **or** an equivalent qualification at NQF Level 6 with minimum of 360 credits.
- Holders of any other equivalent South African or international qualification may also be considered, see Chapter 1 of Students' Rules and Regulations.
- b. *Selection criteria:*
Admission is subject to selection. Prospective students will be evaluated based on the marks obtained in the previous qualification and/or work experience.
- Acceptance is subject to available capacity according to the Student Enrolment Plan (SEP). Applicants will be informed of their status per official letter from the Office of the Registrar, alternatively, they can check their application status on the TUT website, www.tut.ac.za.
- c. *Recognition of Prior Learning (RPL), equivalence and status:*
See Chapter 30 of Students' Rules and Regulations.
- d. *Intake for the qualification:*
January only.
- e. *Presentation:*
Block-mode classes offered over six block cycles of one week each.
- f. *Minimum duration:*
One year.
- g. *Exclusion and readmission:*
See Chapter 2 of Students' Rules and Regulations.

CURRICULUM

ATTENDANCE

CODE	MODULE	NQF-L	CREDIT
HNT107V	Horticulture and Nursery Technology	(7)	(60)
HPM107V	Horticultural Production Management	(7)	(30)
HPP107V	Horticulture Project Principles	(7)	(30)
TOTAL CREDITS FOR THE QUALIFICATION:			120



MODULE INFORMATION (OVERVIEW OF SYLLABUS)

The syllabus content is subject to change to accommodate industry changes. Please note that a more detailed syllabus is available at the Department or in the study guide that is applicable to a particular module. At time of publication, the syllabus content was defined as follows:

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HORTICULTURAL PRODUCTION MANAGEMENT (HPM107V)

PROJECT ASSESSMENT

(Module custodian: Department Horticulture)

The purpose of this module is to equip the students with a broader knowledge and understanding of the process of project management and the relevant phases / sequence of related projects in the green industry. Students will use the acquired competencies to address and apply techniques in the execution of horticulture projects to achieve projects in due time, taking into consideration the requirements of the different clients. The application of the correct procedures on the Health and Safety regulations based on green industry projects will be addressed. (Total tuition time: ± 300 hours)

HORTICULTURE AND NURSERY TECHNOLOGY (HNT107V)

1 X 3-HOUR PAPER

(Module custodian: Department Horticulture)

This module aims to equip the student with the necessary knowledge and skills to enable them to plan and develop a production system for different horticultural crops. In addition, it will provide the student with the necessary knowledge and skills to critically and practically evaluate plants in terms of their growth and cultivation requirements; identify, apply and recommend techniques for plant growth manipulation and improvement and to identify and solve horticulture production problems in an acceptable and ethical manner and make recommendations for successful production under different growth environments. Upon completion of this module, the student will have acquired knowledge to operate and manage a production system, taking into consideration the current trends in the horticulture industry and requirements of the different markets and be able to contribute towards a socially responsible green industry. (Total tuition time: ± 600 hours)

HORTICULTURE PROJECT PRINCIPLES (HPP107V)

CONTINUOUS ASSESSMENT

(Module custodian: Department Horticulture)

This module will provide a student with detailed knowledge and skills to apply and evaluate the key concepts, principles and rules of research in horticulture. A student will be able to identify a problem in a work or industry related environment, conduct a literature search and process information to formulate a background and justification, objectives, hypothesis and/or research question related to problem solving. A student will furthermore, be able to design an experimental layout and/or questionnaire, to address the hypothesis/research question and relevant data collection/sampling methodology according to acceptable ethical research practices and problem solving principles. The acquired skills will be used to develop a complete research proposal on a selected topic solving specific problems in the horticulture industry and South African community according to sound research principles. Communication skills, reasoning and logical thinking will be developed through oral presentation to peers. (Total tuition time: ± 300 hours)

