

ADVANCED DIPLOMA IN CONSTRUCTION MANAGEMENT

AdvDip (Construction Management) - NQF Level 7 (120 credits)

Qualification code: ADCG23

SAQA ID: 118399, CHE NUMBER: H/H16/E215CAN

Campus where offered:

Pretoria Campus

REMARKS

a. Admission requirement(s):

A Diploma in Building Science, **or** a Diploma in Building, **or** a National Diploma: Building, **or** any other NQF Level 6 qualification with 360 credits in a closely related field.

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. All completed applications received within the published due dates will be ranked. After consideration of the Departmental Student Enrolment Plan, only the top ranking applicants will be selected. Once a programme is full, a waiting list will be in place to provide an opportunity for applicants to fill places of those who did not register on time. 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:

Evening classes.

f. Minimum duration:

One year.

g. Exclusion and readmission:

See Chapter 2 of Students' Rules and Regulations.

CURRICULUM

ATTENDANCE

CODE	MODULE	NQF-L	CREDIT
CCS107V	Construction Contracts and Administration	(7)	(24)
CEC107V	Construction Economics	(7)	(24)
CUM107V	Advanced Construction Management	(7)	(24)
REE107V	Real Estate Studies	(7)	(24)

FIRST SEMESTER

RCG117V	Research Methodology	(7)	(12)
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SECOND SEMESTER

CSQ117V Construction Safety and Quality (7) (12)
Management

TOTAL CREDITS FOR THE QUALIFICATION: 120

MODULE INFORMATION (OVERVIEW OF SYLLABUS)

A

ADVANCED CONSTRUCTION MANAGEMENT (CUM107V) 1 X 3-HOUR PAPER

(Module custodian: Department of Building Sciences)

Introduction to construction project management; Financial planning and control; Planning techniques; Personnel and conflict management; Communication management; Risk management; Quality management; Procurement management; Contract strategies and management; and Construction productivity. (Total notional time: 240 hours)

C

CONSTRUCTION CONTRACTS AND ADMINISTRATION (CCS107V) 1 X 3-HOUR PAPER

(Module custodian: Department of Building Sciences)

Built Environment project procurement systems; The profile of clients; Alternative types of contract documents; Collecting client information; Evaluating project procurement systems; Undertake built environment project buildability analysis; Recommending and agreeing on the choice of price determination; Accessing and distributing input documents and trends in development of Procurement methods; Introduction to final accounts; Preparing to compile the final account; Conducting negotiations on claims settlement; Claims and status reports; Drafting the final account; Unpacking specific clauses in the following contracts: JBCC PBA, JBCC Minor works, GCC 2014, NEC4, FIDIC; and Contract Pricing Strategies. (Total notional time: 240 hours)

CONSTRUCTION ECONOMICS (CEC107V) 1 X 3-HOUR PAPER

(Module custodian: Department of Building Sciences)

Construction economics and sustainable development; Property economics, fiancé and strategic investments; Project cost information database compilation; Financial feasibility studies and risk management for built environment projects; Whole life appraisals of built environment; and Value management processes on built environment projects. (Total notional time: 240 hours)

CONSTRUCTION SAFETY AND QUALITY MANAGEMENT (CSQ117V) 1 X 3-HOUR PAPER

(Module custodian: Department of Building Sciences)

Fundamentals of health and safety; Legislative framework for health and safety; Health and safety management plan; Hazard identification and risk assessment; Sub-contractors' health and safety compliance risk; Economics of Construction health and safety; Construction environmental management; and Quality management principles and practice. (Total notional time: 120 hours)

R

REAL ESTATE STUDIES (REE107V) 1 X 3-HOUR PAPER

(Module custodian: Department of Building Sciences)

The basic principles of urban land economics and township development; The theory and practice of housing development and management; Local authority land use management; Real Estate Economics and Mixed Developments; Sustainable Rural Development, Housing and Urbanization; and The Government and Strategic Real Estate Policies. (Total notional time: 240 hours)

RESEARCH METHODOLOGY (RCG117V) 1 X 3-HOUR PAPER

(Module custodian: Department of Building Sciences)

The research process; The literature review; The research strategy; Methodological frameworks; A quantitative research approach; A qualitative research approach; Combining methods and mixed methods; and Writing up the research. (Total notional time: 120 hours)

