

# FET 2017 FACT SHEET

## FACULTY OF ENGINEERING STUDIES PART TIME

Programme Title	SAQA ID	NQF Level
<b>National Certificate : Mechanical Engineering N4 to N6</b>	<b>66881</b>	<b>5</b>
	<b>66960</b>	<b>5</b>
	<b>67005</b>	<b>5</b>

### 1. Type of Programme

- Part time
- National qualification

### 2. Description

This qualification is aimed primarily at giving the learner technical, theoretical knowledge, practical knowledge and workplace knowledge and skills required in their chosen occupational/vocational area. The design of the qualification is such that if taken sequentially with related N part courses i.e. N4+N5+N6, it enables learners to progressively obtain the National N Diploma once the required practical work component of two years, as required for Chemical Engineering, is completed. The qualification as a single entity has value in the workplace as it equips learners with vital knowledge and skills that enable them to be productively employed at entry level positions in an occupation. The qualification can be used for updating, upskilling and/or continuing education and training in related occupations.

### 3. Admission Requirements

N3: Engineering studies, or a Senior Certificate, or NSC with Mathematics.

### 4. Duration

The programme duration is three years part time with two years in-service training and tuition is face to face. Programmes are offered on Saturdays.

### 5. Study Guides

Study guides will be provided.

### 6. Pricing

Enquire at the nearest CTC campus for a current programme pricelist.

### 7. Additional Costs

Students must make provision for additional costs such as textbooks, stationery, examination rewrites and certificates.

### 8. Curriculum

#### Year 1:

SUBJECTS	
Semester 1	Semester 2
Mathematics N4	Electrotechnics N4
Engineering Science N4	Mechanotechnics N4

#### Year 2:

Semester 1	Semester 2
Mathematics N5	Strength of Materials and Structures N5
Power Machines N5	Mechanotechnics N5



Central Technical College (Reg No. 2014/FE07/001) is provisionally accredited by Umalusi, the Council for Quality Assurance in General and Further Education and Training. The accreditation numbers are as follows: Durban FET 00880PA, Cape Town 16FET0200040PA, Pretoria 16FET020032PA. Central Technical College is accredited with the Quality Council for Trades and Occupations (QCTO). The accreditation numbers are as follows: Durban 13/0007, Braamfontein 13/0026, Cape Town 13/0025, Pretoria 13/0027. (E&OE).

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Year 3:

Semester 1	Semester 2
Mathematics N6	Strength of Materials and Structures N6
Power Machines N6	Mechanotechnics N6

### 9. Career Fields

Once you have completed National Certificate in Mechanical Engineering N6 at Central Technical College, you will be equipped to apply for the following jobs:

- Mechanical Engineer
- Design Engineer
- Materials Scientist
- Draughtsman
- Fabricator
- Process Controller / Technician

### 10. Certification

On successful completion of the programme, you will receive a National Certification in Mechanical Engineering.

- **NATIONAL N CERTIFICATE AT EACH LEVEL: N4, N5, N6**
- **NATIONAL N DIPLOMA** (on completion of N4-N6 and two years of in-service training)

All examinations are National Examinations, set and administered by the Department of Higher Education and Training. Certificates and diplomas are conferred by the Department of Higher Education and Training. All qualifications are nationally recognised by industry and universities.

### 11. Further studies

Students may pursue further studies in the Engineering Faculty at a University of Technology.

**Note:**

- Number of modules for study- subject to choice of the individual student
- The duration for the completion of the National N Diploma (part time) is relative to each student
- Mode of instruction: Tuition is face to face
- Choice of modules to facilitate credits towards a qualification: National Certificate and/or National N Diploma
- Saturday classes: 08:00-14:00

### Disclaimer

*The information contained in this fact sheet is accurate at the time of printing. However, factors beyond the control of CTC (such as environmental, regulatory or technical changes) may cause the contents of this fact sheet or of the programme to change. In the event of any such change, CTC will notify current students. All possible measures will be taken to minimise inconvenience to students.*

I (Name of student):....., hereby acknowledge that I understand the information stated in this document and fully comprehend the specifics explained above pertaining to this qualification.

Signature of student:.....

Name of legal guardian:..... Signature:.....  
(If applicable)

Name of sales consultant:..... Signature:.....

Date:..... *\*Please note the original signed copy should be kept on the student record file*



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