

<b>Full Title:</b>	Engineering Practice 1A
<b>Language of Instruction:</b>	English
<b>Module Code:</b>	ENGR E7028
<b>Credits:</b>	5
<b>Valid From:</b>	Semester 1 - 2014/15 ( September 2014 )
<b>Module Delivered in</b>	<a href="#">1 programme(s)</a>
<b>Module Description:</b>	Application of theoretical concepts presented in other modules
<b>Learning Outcomes:</b>	
<i>On successful completion of this module the learner should be able to</i>	
<ol style="list-style-type: none"> <li>1. Appreciate the inter-relationship between all modules.</li> <li>2. Understand and apply basic electronic and electrical concepts.</li> <li>3. Work to appropriate standards in a given time frame.</li> <li>4. Apply skills gained in the Skills element in a competent manner.</li> <li>5. Work independently in a project environment.</li> <li>6. Organise their time and workload</li> <li>7. Present and explain their work.</li> <li>8. Use essential Simulation tools.</li> </ol>	

**Module Content & Assessment**

**Indicative Content**

**The Assignments/Projects will cover aspects of the following:**

• Electrical Fundamentals • Electronic Devices • Professional Practice & Programming

**Operation**

The skills element will relate to the project/application element in terms of content and timing.

**Skills**

Construction, Measurement, Recording, Simulation Reporting, Communication Skills

**Lecturers from all modules will combine to:**

• Select, develop and agree on projects and timetable. • Align taught theory where appropriate to support project completion. • Organise documentation and materials. • Timetable appropriate skills. • Act as consultants for particular areas. • Support the student as necessary – Ordering components, Facilities Access, etc. • Develop and implement an appropriate Marking and Assessment Scheme. • Review Project specifications and operation.

**Assessment Breakdown**

%

Course Work

100.00%

**Full Time**

**Course Work**

Assessment Type	Assessment Description	Outcome addressed	% of total	Marks Out Of	Pass Marks	Assessment Date	Duration
Practical/Skills Evaluation	Quality Assurance	3,6,7,8	40.00	0	40	Every Week	0
Project	Quality Assurance	1,2,3,4,6,8	20.00	0	0	Every Second Week	0
Written Report	To defined standard	7	20.00	0	0	Every Second Week	0
Other	Engineering Notebook, Attendance	1,4,6	20.00	0	0	Every Week	0
Class Test	n/a	None	0.00	0	0	n/a	0

No Project

No Practical

No End of Module Formal Examination

**Reassessment Requirement**

**No repeat examination**

Reassessment of this module will be offered solely on the basis of coursework and a repeat examination will not be offered.

**Reassessment Description**

Opportunities will be available to be reassessed in coursework.

**DKIT reserves the right to alter the nature and timings of assessment**

**Module Workload & Resources**

**Workload: Full Time**

Workload Type	Workload Description	Hours	Frequency	Average Weekly Learner Workload
Practical	Projects	6.00	Every Week	6.00
Practical	Skills	3.00	Every Week	3.00
Total Weekly Learner Workload				9.00
Total Weekly Contact Hours				9.00

**This course has no Part Time workload.**

**Resources**

*This module does not have any book resources*

*Recommended Article/Paper Resources*

**Data Sheets**

*Other Resources*

**Website: Moodle**

**Module Delivered in**

Programme Code	Programme	Semester	Delivery
DK_EELES_7	<a href="#">Bachelor of Engineering in Electrical and Electronic Systems</a>	1	Elective