



**MASENO UNIVERSITY**  
**UNIVERSITY EXAMINATIONS 2016/2017**

**FIRST YEAR FIRST SEMESTER EXAMINATIONS FOR THE  
DEGREE OF MASTER OF EDUCATION IN EDUCATIONAL  
TECHNOLOGY**

**CITY CAMPUS**

**ETE 801: DESIGN AND PRODUCTION OF  
MULTI/HYPERMEDIA MATERIALS**

Date: 9<sup>th</sup> December, 2016

Time: 9.00 - 12.00pm

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**INSTRUCTIONS:**

- Answer any FOUR Questions.

### **Question One**

Explain how the following types of media can be used for teaching a subject of your choice. (15 Marks)

- i) Text
- ii) Audio
- iii) Video
- iv) Graphics
- v) Animations

### **Question Two**

Discuss the main principles of instructional design (15 Marks)

### **Question Three**

Critically examine the challenges experienced in the process of designing and production of multi/hypermedia materials (15 Marks)

### **Question Four**

Explain how theories of learning influence the design of web-based multi/hypermedia materials? (15 Marks)

### **Question Five**

Analyse critically the importance of considering the type of knowledge or skills to be learnt in the design and production of multi/hypermedia materials? (15 Marks)





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**ETE 803: TECHNOLOGY POLICY AND COST FACTOR**

Date: 9<sup>th</sup> December, 2016

Time: 2.00 - 5.00pm

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**INSTRUCTIONS:**

- Answer any FOUR Questions.

### **Question One**

- a. Explain the need for an ICT policy and give three reasons why an institution should be guided by a policy. (7 marks)
- b. Explain using four examples how knowledge of cost benefit analysis has benefitted institutions involved in technology policy implementation in Kenya. (8 marks)

### **Question Two**

Describe at least four key issues raised by Kenya Education Sector Support programme that qualifies it as a key policy document guiding the use of ICT in teacher education. (15 Marks)

### **Question Three**

Justify with examples the fact that international and regional policies have affected ICT policy development in Kenya using UNESCO and NEPAD as key stakeholders. (15 Marks)

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### **Question Four**

Illustrate how any five stakeholders have impacted on the implementation of school computer policy in Kenya. (15 Marks)

### **Question Five**

Using the formulation of Kenya ICT policy and ICT policy in Education in Kenya as examples, illustrate the main stages in Policy formulation at the Government domain level. (15 marks)

### **Question Six**

- a. Use three examples to illustrate the effects of technology policy in education on curriculum development. (6 marks)
- b. Outline any four objectives of a school ICT policy explaining the impact of each objective on classroom instructional out-puts. (8 marks)