

LEC 1205	Engineering Drawing	
MEC 1203	Thermodynamics	4
CMG 1202	Land Surveying for Construction Managers	4
CMG 1204	Statistics	4
Recess Term		
CMG 1301	Workshop Practice	2
TEC 1301	Workshop Practice	2
Year II: Semester I		
CMG 2101	Research Methods	3
CMG 2102	Business/Commercial Law	3
CMG 2103	Construction Technology II	4
CMG 2104	Construction Management I	4
CMG 2105	Sociology	3
CMG 2106	Commercial Law	3
CMG 2107	Investment Appraisal I	3
LEC 2101	Research Methods & Statistics	2
LEC 2102	Law of Torts	4
LEC 2103	Principles of Management	3
LEC 2104	Development Economics	3
TEC 2101	Sociology of Technology	3

Semester II		
CMG 2201	Labour Law	3
CMG 2202	Cost and Value Engineering	4
CMG 2203	Measurement and Design Appraisal I	4
CMG 2204	Property Studies	3
CMG 2205	Cost and Value Engineering	3
CMG 2206	Maintenance Management	3
CMG 2301	Industrial Training	2
Year III: Semester I		
CMG 3101	Construction Technology III	4
CMG 3102	Construction Costing	4
CMG 3103	Measurement and Design Appraisal	4
CMG 3104	Construction Management II	4
CMG 3105	Construction Contract Law	3
Semester II		
CMG 3201	Thesis	5
CMG 3202	Entrepreneurship	4
CMG 3203	Professional Communication	3
CMG 3204	Construction Marketing	4
TEC 3202	Entrepreneurship	4

BACHELOR OF SCIENCE (TELECOMMUNICATIONS ENGINEERING) (BSTE)

Year I: Semester I		CU
EMT 1101	Engineering Mathematics I	4
ELE 1101	Circuit Theory	3
ELE 1102	Introduction to Computers	4
EMT 1104	Information Communication Technology I	4
ELE 1103	Physical Electronics	
TEC 1101	Communication Skills for Technology	
TEC 1105	Engineering Graphics	3
EMT 1106	Engineering Graphics	3
Semester II:		
EMT 1201	Engineering Mathematics II	4
EMT 1202	Information Communication Technology II	4
EMT 1204	Information Communication Technology	4
ELE 1201	Introduction to Digital Electronics	4
ELE 1202	Electricity and Magnetism	4

ELE 1203	Statistics and Dynamics for Electrical Engineers	4
TEC 1201	Engineering Ethics	4
Recess Term:		
IND 1301	Workshop Practice	2
TEC 1301	Workshop Practice	
Year II: Semester I		
EMT 2101	Engineering Mathematics III	4
EMT 2104	Information and Communications Technology III	4
ELE 2101	Electrical Machines I	3
ELE 2102	Electronic Circuits	4
ELE 2103	Electromagnetism	4
ELE 2104	Electrical Materials I	4
ELE 2103	Human Rights and Gender Issues	3
TEC 2101	Sociology	3
TEC 2102	Human Rights and Gender Issues	3
Semester II		
EMT 2201	Engineering Mathematics IV	4

ELE 2201	Power Systems Theory	4
ELE 2202	Electrical Materials II	4
ELE 2203	Network Theory	4
ELE 2204	Economics for Electrical Engineers	4
TEL 2205	Electric Energy Systems	4
TEL 2206	Internet Technology I	4
TEL 2207	Principles of Accounts for Telecom	3
TEC 2205	Electrical Energy Systems	4
TEC 2206	Internet Technology I	4
TEC 2207	Principles of Accounts	3
IND 2301	Industrial Training I	2
TEC 2301	Industrial Training	2
Year III: Semester I		
EMT 3101	Engineering Mathematics V	4
EMT 3101	Electromagnetic Fields	4
ELE 3101	Electronic Fields	4
ELE 3102	Applied Analogue Electronics	4
ELE 3103	Applied Digital Electronics	4
ELE 3104	Energy conversion	4
ELE 3109	Engineering Mathematics V	4
TEL 3101	Basic Telephony	4
TEL 3102	Internet Technology II	4
TEL 3105	Basic Telephony	4
TEL 3106	Opto-Electronics and Fibres and Cables	4
TEL 3107	Communication Radio Systems	4
TEL 3108	Internal Technology II	4
EMT 3201	Engineering Mathematics VI	4

Year III: Semester II		
ELE 3201	Instrumentation	4
ELE 3202	Control Engineering	4
ELE 3203	Power Electronics	4
ELE 3204	Communication Engineering I	4
MEC 3204	Communication Engineering I	4
TEL 3201	Business Management I	3
TEL 3205	TV Systems	4
TEL 3207	Mobile Communication Systems	3
ELE 3206	Business Management for EE I	3
ELE 3301	Industrial Training for Elec Eng II	2
TEC 3301	Industrial Training	2
Year IV: Semester I		
ELE 4100	Final Year Project I	
ELE 4101	Communication Engineering II	4
ELE 4102	Propagation	4
TEL 4105	Satellite Communications	3
ELE 4103	Telecommunications Systems I	3
ELE 4104	Microprocessors	3
ELE 4108	Business Management for Engineers II	4
Semester II		
ELE 4201	Final Year Project II	4
ELE 4202	Telecommunications Systems II	4
ELE 4203	Computer Systems Engineering	4
ELE 4204	Radio Frequency Engineering	3
ELE 4300	Final Year Project I	
ELE 4303	Final Year Project II	

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

Objectives

The graduates from this computer engineering programme will be geared towards computer architecture, computer networks and the design of digital hardware to form a core group to spear head implementation of computer engineering activities and networks in Uganda and the East African Sub-region. This will lead to emergence of computer assembling and design to lower costs of computers in the region even further. In addition, the curriculum has elements which will foster ICT incubation as a key component for those who look forward to become key players in job creation

in the computer production, etc industry.

The programme is oriented for use in computer engineering and ICT incubation. Thus, the graduate from this programme is going to play an important role in the emerging computer industries in Uganda and the East African the sub-region.

The objectives of this programme will be:

- To train Computer Engineers that will be absorbed in the public and private sectors in such areas as government ministries, local government departments,