



THE KITALE NATIONAL POLYTECHNIC

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JANUARY 2023 TRAINING PROGRAMMES

BUSINESS STUDIES DEPARTMENT

COURSE TITLE	MINIMUM REQUIREMENTS	DURATION	EXAM BODY	IN-TAKE
Diploma in Business Management (Mod I)	K.C.S.E. Mean grade "C-" & Above	1 Module/2 terms	KNEC	January
Diploma in Supplies Chain Management (Mod I)	K.C.S.E. Mean grade "C-" & Above	1 Module/2 terms	KNEC	January
Diploma in Banking and Finance (TEP)	K.C.S.E. Mean grade "C-" & Above	3 years	KNEC	January
Diploma in Accountancy (TEP)	K.C.S.E. Mean grade "C-" & Above	3 years	KNEC	January
Diploma in Human Resource Management (Mod I)	K.C.S.E. Mean grade "C-" & Above	1 Module/2 terms	KNEC	January
Diploma in Cooperative Management (Mod I)	K.C.S.E. Mean grade "C-" & Above	1 Module/2 terms	KNEC	January
Diploma in Secretarial Studies (Mod I)	K.C.S.E. Mean grade "C-" & Above	1 Module/2 terms	KNEC	January
Diploma in Business Management (Mod II & Mod III)	Pass in Mod I and Mod II	2 terms/module	KNEC	January
Diploma in Supplies Chain Management (Mod II & Mod III)	Pass in Mod I and Mod II	2 terms/module	KNEC	January
Diploma in Human Resource Management (Mod II & Mod III)	Pass in Mod I and Mod II	2 terms/module	KNEC	January
Diploma in Cooperative Management (Mod II & Mod III)	Pass in Mod I and Mod II	2 terms/module	KNEC	January
Diploma in Secretarial Studies (Mod II & Mod III)	Pass in Mod I and Mod II	2 terms/module	KNEC	January
Certificate in Business Management (Mod I)	K.C.S.E. Mean Grade "D" & Above	1 Module/2 terms	KNEC	January
Certificate in Supply Chain Management (Mod I)	K.C.S.E. Mean Grade "D" & Above	1 Module/2 terms	KNEC	January
Certificate in Human Resource Management (Mod I)	K.C.S.E. Mean Grade "D" & Above	1 Module/2 terms	KNEC	January
Certificate in Business Management (Mod II)	Pass in Mod I	2 terms	KNEC	January
Certificate in Supply Chain Management (Mod II)	Pass in Mod I	2 terms	KNEC	January
Certificate in Human Resource Management (Mod II)	Pass in Mod I	2 terms	KNEC	January

BUSINESS STUDIES PART – TIME COURSES

COURSE TITLE	MINIMUM REQUIREMENTS	DURATION	EXAM BODY	IN-TAKE
Higher Diploma in Human Resource Management	Diploma in any Business Course	12 Months	KNEC	January
Higher Diploma In Secretarial Management	Diploma in Secretarial Studies	12 Months	KNEC	January
Accounting Technicians Diploma (ATD) Level I	K.C.S.E. Mean grade "C-" & Above	6 Months	KASNEB	January
CPA Part I – Foundation Level	K.C.S.E. Mean Grade C+	6 Months	KASNEB	January
Secretarial Single Subjects	Referred Papers (SHORTHAND & CDP)	3 Months	KNEC	January

MATHEMATICS AND APPLIED SCIENCES DEPARTMENT

COURSE TITLE	MINIMUM REQUIREMENTS	DURATION	EXAM BODY	IN-TAKE
Diploma in Analytical Chemistry (Mod I)	K.C.S.E. Mean grade "C-" & Above	1 Module/year	KNEC	January
Diploma in Applied Biology (Mod I)	K.C.S.E. Mean grade "C-" & Above	3 Years	KNEC	January
Diploma in Medical Engineering (TEP)	K.C.S.E. Mean grade "C-" & Above	3 year	KNEC	January
Diploma in Chemical Engineering (TEP)	K.C.S.E. Mean grade "C-" & Above	3 year	KNEC	January
Diploma in Petroleum and Geo-science (Mod I)	K.C.S.E. Mean grade "C-" & Above	1 Module/year	KNEC	January
Diploma in Food Processing Technology (Mod I)	K.C.S.E. Mean grade "C-" & Above	1 Module/year	KNEC	January
Certificate in Science Lab Technology (Mod I)	K.C.S.E. Mean Grade "D" & Above	1 Module/year	KNEC	January
Certificate in Food Processing and Preservation Technology Mod I	K.C.S.E. Mean Grade "D" & Above	1 Module/year	KNEC	January
Diploma in Applied Biology (Mod II & III)	Pass in Mod I	2 Terms	KNEC	January
Diploma in Analytical Chemistry (Mod II & III)	Pass in Mod I	2 Terms	KNEC	January

COURSE TITLE	MINIMUM REQUIREMENTS	DURATION	EXAM BODY	IN-TAKE
Diploma in Food Processing Technology (Mod II and Mod III)	Pass in Mod I and Mod II	2 Terms	KNEC	January
Diploma in Petroleum and Geo- science (Mod II and Mod III)	Pass in Mod I and Mod II	2 Terms	KNEC	January
Certificate in Science Lab Technology (Mod II)	Pass in Mod I	2 Terms	KNEC	January
Certificate in Food Processing and Preservation Technology (Mod II)	Pass in Mod I	2 Terms	KNEC	January

MATHEMATICS AND APPLIED SCIENCES DEPARTMENT CBET COURSES

COURSE TITLE	MINIMUM REQUIREMENTS	DURATION	EXAM BODY	IN-TAKE
Food Science & Processing Technology Level 5	K.C.S.E . Mean Grade "D" & Above	1½ Year	CDACC	January

COMPUTER AND INFORMATION TECHNOLOGY DEPARTMENT

COURSE TITLE	MINIMUM REQUIREMENTS	DURATION	EXAM BODY	IN-TAKE
Diploma in Computer Studies (TEP)	K.C.S.E. Mean grade "C-" & Above	3 Years	KNEC	January
Diploma in Information Communication Technology (Mod I)	K.C.S.E. Mean grade "C-" & Above	1 Module/year	KNEC	January
Diploma in Information Communication Technology (Mod II)	Pass in Mod 1	2 Years	KNEC	January
Certificate in Information Communication Technology (Mod I)	K.C.S.E. Mean grade "D" & Above	2 Years	KNEC	January
Certificate in Information Communication Technology (Mod II)	Pass in Mod 1	2 Years	KNEC	January
Information Communication Driving License (ICDL)		3 Months	ICDL	January
CCNA – Cisco Certified Network Associate	Minimum Dip. In ICT, DCS, CICT Dip. In Electronics/power /telecommunication option	4 Months	KASNEB	January

ELECTRICAL AND ELECTRONICS DEPARTMENT

COURSE TITLE	MINIMUM REQUIREMENTS	DURATION	EXAM BODY	IN-TAKE
Diploma in Electrical & Electronics Power Option (Mod I)	K.C.S.E. Mean grade "C-" Pass in Maths & Physics is an added advantage	3 Years	KNEC	January
Diploma in Electrical & Electronics Telecommunication (Mod I)	K.C.S.E. Mean grade "C-" Pass in Maths & Physics is an added advantage	3 Years	KNEC	January
Diploma in Electrical & Electronics Instrumentation (Mod I)	K.C.S.E. Mean grade "C-" Pass in Maths & Physics is an added advantage	3 Years	KNEC	January
Certificate in Electrical & Electronics Power Option (Mod I)	K.C.S.E. Mean grade "D Plain"	2 Years	KNEC	January
Certificate in Electrical & Electronics Power Option (Mod II)	Pass in Mod I	2 Terms	KNEC	January
Diploma in Electrical & Electronics Power Option (Mod II)	Pass in Mod I	2 Terms	KNEC	January
Diploma in Electrical & Electronics Telecommunication (Mod II)	Pass in Mod I	2 Terms	KNEC	January
Diploma in Electrical & Electronics Instrumentation (Mod II)	Pass in Mod I	2 Terms	KNEC	January

MECHANICAL ENGINEERING DEPARTMENT

COURSE TITLE	MINIMUM REQUIREMENTS	DURATION	EXAM BODY	IN-TAKE
Diploma in Automotive Engineering (Mod I)	K.C.S.E. Mean grade "C-" Pass in Maths & Physics is an added advantage	1 Module/year	KNEC	January
Diploma in Mechanical Engineering plant Option (Mod I)	K.C.S.E. Mean grade "C-" Pass in Maths & Physics is an added advantage	1 Module/year	KNEC	January

COURSE TITLE	MINIMUM REQUIREMENTS	DURATION	EXAM BODY	IN-TAKE
Diploma in Mechanical Engineering production Option (Mod I)	K.C.S.E. Mean grade "C-" Pass in Maths & Physics is an added advantage	1 Module/year	KNEC	January
Diploma in Agricultural Engineering	K.C.S.E. Mean grade "C- "Pass in Maths & Physics is an added advantage	3 years	KNEC	January
Certificate in Mechanical Engineering Production Option (Mod I)	K.C.S.E. Mean grade "D" Pass in Maths & Physics is an added advantage	1 Module/year	KNEC	January
Certificate in Automotive Engineering (Mod I)	K.C.S.E. Mean grade "D" Pass in Maths & Physics is an added advantage	1 Module/year	KNEC	January
Certificate in Agricultural Mechanics	K.C.S.E. Mean grade "D" Pass in Maths & Physics is an added advantage	1 Module/year	KNEC	January
Diploma in Automotive Engineering (Mod II & III)	Pass in Mod I and Mod II	2 terms	KNEC	January
Diploma in Mechanical Engineering plant Option (Mod II & III)	Pass in Mod I and Mod II	2 terms	KNEC	January
Diploma in Mechanical Engineering production Option (Mod II & III)	Pass in Mod I and Mod II	2 terms	KNEC	January
Certificate in Mechanical Engineering Production Option (Mod II)	Pass in Mod I	2 terms	KNEC	January
Certificate in Automotive Engineering (Mod II)	Pass in Mod I	2 terms	KNEC	January

BUILDING AND CIVIL ENGINEERING DEPARTMENT

COURSE TITLE	MINIMUM REQUIREMENTS	DURATION	EXAM BODY	IN-TAKE
Diploma in Quantity Survey (TEP)	K.C.S.E. Mean grade "C-" & Above	3 Year	KNEC	January
Diploma in land Survey (TEP)	K.C.S.E. Mean grade "C-" & Above	3 Year	KNEC	January
Certificate in Roads Construction (TEP)	K.C.S.E . Mean Grade "D" & Above	2 Years	KNEC	January
Certificate in Land Survey (TEP)	K.C.S.E . Mean Grade "D" & Above	2 Years	KNEC	January

BUILDING AND CIVIL ENGINEERING DEPARTMENT PART-TIME COURSES

COURSE TITLE	MINIMUM REQUIREMENTS	DURATION	EXAM BODY	IN-TAKE
High Diploma in Building and Civil Engineering	Pass in Mod I, Mod II & Mod III	12 Months	KNEC	January

AGRICULTURE DEPARTMENT

COURSE TITLE	MINIMUM REQUIREMENTS	DURATION	EXAM BODY	IN-TAKE
Diploma in General Agriculture (Mod I)	K.C.S.E Mean Grade "C- & Above	1 Module/year	KNEC	January
Diploma in Entrepreneurial Agriculture (Mod I)	K.C.S.E Mean Grade "C- & Above	1 Module/year	KNEC	January
Diploma in Environmental Science (Mod I)	K.C.S.E Mean Grade "C- & Above			January
Certificate in General Agriculture (TEP)	K.C.S.E. Mean grade "D" & Above	1 Module/year	KNEC	January
Diploma in Environmental Science (Mod II)	Pass in Mod I	2 terms	KNEC	January
Horticulture Level 4				January

LIBERAL STUDIES DEPARTMENT

COURSE TITLE	MINIMUM REQUIREMENTS	DURATION	EXAM BODY	IN-TAKE
Diploma in Social Work & Community Development (Mod I)	K.C.S.E. Mean grade "C-" & Above	1 Module/year	KNEC	January
Diploma in Entrepreneurship Education (Mod I)	K.C.S.E. Mean grade "C-"& Above	1 Mod/year	KNEC	January
Diploma in Project management (Mod I)	K.C.S.E. Mean grade "C-"& Above	1 Mod/year	KNEC	January
Diploma in Information Studies (Mod I)	K.C.S.E. Mean grade "C-"& Above	3 Years	KNEC	January
Certificate in Social work & Community Development (Mod I)	K.C.S.E Mean Grade "D" & Above	2 years	KNEC	January
Certificate in Information Studies (Mod I)	K.C.S.E Mean Grade "D" & Above	1 Module/year	KNEC	January
Certificate in Project Management (Mod I)	K.C.S.E Mean Grade "D" & Above	1 Module/year	KNEC	January

HOSPITALITY AND MANAGEMENT DEPARTMENT

COURSE TITLE	MINIMUM REQUIREMENTS	DURATION	EXAM BODY	IN-TAKE
Diploma in Food and beverage management (Mod II & III)	Pass in Mod I and Mod II	1 Module/year	KNEC	January
Diploma in Catering & Accommodation (Mod II & III)	Pass in Mod I and Mod II	1 Module/year	KNEC	January
Diloma in Tourism Management (Mod I)	K.C.S.E. Mean Grade "C-" & above		KNEC	January
Certificate in Tour Guiding & Tour Operations (Mod I)	K.C.S.E Mean Grade "D" & Above	1 Module/year	KNEC	January
Certificate in Food and Beverage Management (Mod II)	Pass in Mod I	1 Module/year	KNEC	January
Certificate in Catering & Accommodation (Mod II)	Pass in Mod I	1 Module/year	KNEC	January
Certificate in Tourism management (Mod I)	K.C.S.E Mean Grade "D" & Above	1 Module/year	KNEC	January
Certificate in Tour Guiding and Operation (Mod I)	K.C.S.E Mean Grade "D" & Above	1 Module/year	KNEC	January
Diploma in Food and Beverage Management (Mod II & III)	Pass in Mod I and Mod II	2 Terms	KNEC	January
Diploma in Catering & Accommodation (Mod II & III)	Pass in Mod I and Mod II	2 Terms	KNEC	January
Certificate in Food & Beverage (Mod II)	Pass in Mod I	2 Terms	KNEC	January
Certificate in Catering & Accommodation (Mod II)	Pass in Mod I	2 Terms	KNEC	January

JANUARY 2023 TRAINING PROGRAMMES

VISION

A polytechnic of excellence in competency based education and training, and research

MISSION

To produce globally competitive graduates through competency based education and training, research and innovation for sustainable development



THE KITALE NATIONAL POLYTECHNIC IS AN
ISO 9001:2015 CERTIFIED INSTITUTION

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