Republic of Kenya – Ministry of Education

The Meru National Polytechnic

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THE MERU NATIONAL POLYTECHNIC
Technology for Innovation & Development

EASTRIP Centre of Excellence in Building and Construction Technology

Skills Development in Plumbing Technology

Skills Development in Information Communication Technology

MERU NATIONAL POLYTECHNIC EASTRIP CENTRE OF EXCELLENCE IN BUILDING CONSTRUCTION TECHNOLOGY

The Meru National Polytechnic –Kenya (MNP–Kenya) is a leading TVET regional EASTRIP flagship centre in building and construction technology. The Polytechnic endeavours to produce skilled TVET professionals who are dependable in industry. The Polytechnic is a regional centre of excellence in building and construction technology. The Polytechnic has developed modern Competency based curricula and has acquired state of the art equipment for training in TVET. The following is a list of all programmes starting in January and May 2022:

COURSE NAME AND ENTRY REQUIREMENTS	INTAKE		EXAM BODY
EASTRIP REGIONAL FLAGSHIP TVET INSTITUTE COURSES			
Balustrade Technology Level 4 KCSE Mean Grade D- (Minus)	May	Sept	MNP
Scaffolding Technology Level 4 KCSE Mean Grade D- (Minus)	May	Sept	MNP
Concrete Reinforcement Technology Level 4 KCSE Mean Grade D- (Minus)	May	Sept	MNP
Tile Laying Technology Level 4 KCSE Mean Grade D- (Minus)	May	Sept	MNP
Formwork Level 4 KCSE Mean Grade D- (Minus)	May	Sept	MNP
Gypsum Installation Level 4 KCSE Mean Grade D- (Minus)	May	Sept	MNP
Water Treatment and Recycling Technology Level 6 KCSE Mean Grade C - (Minus)	May	Sept	MNP
ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT			
Competency Based Education and Training (CBET) Courses			
Instrumentation & Control simple Automation Control Inspector Level 3 KCSE Mean Grade D (Plain)	May	Sept	CDACC
Electrical Installation Level 3 KCSE Mean Grade D- (Minus)	May	Sept	CDACC
Electrical Operation (Power Option) Level 5 KCSE Mean grade D+ (Plus)	May	Sept	CDACC
KNEC Examined Courses			
Higher Diploma in Electrical & Electronics Engineering-Power Option (TEP) Pass in Diploma in Electrical & Electronics Engineering or Diploma in Electrical Engineering or Diploma in Electronics Engineering.	May	Sept	KNEC
Higher Diploma in Electrical & Electronics Engineering (TEP)-Electronics Option Pass in Diploma in Electrical & Electronics Engineering (Electronics Option)	May	Sept	KNEC
Higher Diploma in Electrical & Electronics Engineering-Power and Electronics Pass in Diploma in Electrical & Electronics Engineering (Powe r & Electronics Option)	May	Sept	KNEC
Diploma in Electrical & Electronics Engineering (Power Option) KCSE Mean Grade C- (Minus) & above with D+ (Plus) in Maths & Physics or Pass in Module 1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Certificate in Electrical & Electronics Engineering (Power Option) KCSE Mean Grade D+ (Plus) & above with D (Plain) in Maths or Physics or Pass in Mod 1 or 2	May Mod 1	Sept Mod 1 & 2	KNEC
Certificate in Telecommunication Engineering (Power Option) KCSE Mean Grade D+ (Plus) & above with D (Plain) in Maths or Physics or Pass in Mod 1 or 2	May Mod 1	Sept Mod 1 & 2	KNEC
Artisan in Electrical Installation KCSE Mean grade D (Plain)	May	Sept	KNEC
INFORMATION COMMUNICATION TECHNOLOGY & INFORMATICS DEPARTMENT			
Competency Based Education and Training (CBET) Courses			
ICT Technologist Level 5 KCSE Mean grade D+ (Plus)	May ***12 Months***	Sept ***12 Months***	CDACC
Graphic Design Level 6 KCSE Mean grade C- (Minus)	May ***12 Months***	Sept ***12 Months***	CDACC
AutoCAD (E-Learning)	May	Sept	MNP
KNEC/ICDL Examined Courses			
Diploma in Information Communication Technology KCSE Mean grade C - (Minus) & above or Pass in Mod 1 or 2 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Certificate in Information Communication Technology KCSE Mean grade D+ (Plus) or Pass in Mod 1 or 2	May Mod 1	Sept Mod 1 & 2	KNEC
Diploma in Information Science KCSE Mean Grade C- (Minus) & above	May Module 1	Sept Mod1, 2 & 3	KNEC
Certificate in Information Studies KCSE Mean Grade D (Plain) & above	May Mod 1	Sept Mod 1 & 2	KNEC
International Computer Driving License (ICDL) (E-Learning) KCSE	4 Months	4 Months	ICDL
Huawei Certified Internet Associate (HCIA) – Computer Networking Certificate in ICT or Engineering Course and above	Varies		
AGRICULTURE DEPARTMENT			
Competency Based Education and Training (CBET) Courses			
Dairy Farm Management Level 3 KCSE Mean Grade D- (Minus) & above	May	Sept	CDACC

COURSE NAME AND ENTRY REQUIREMENTS	INTAKE		EXAM BODY
Dairy Farm Management Level 4 K. C.S.E or National Skills Certificate in Dairy Farm Management Level 3 or Equivalent Qualifications as determined by Kenya National Qualifications Authority (KNQA)	May	Sept	CDACC
Agriculture Engineering Technician Level 6 K.C.S.E Mean Grade C- or Level 5 certificate in a related course with one year of continuous work experience or Equivalent Qualifications as determined by Kenya National Certificates Authority (KNQA)	May	Sept	CDACC
Horticultural Nursery Management Level 4 KCSE Mean grade D (Plain)	May	Sept	CDACC
Agricultural Extension Technician Level 4 KCSE Mean Grade D (Plain)	May	Sept	CDACC
Poultry Layer Production Attendant Level 3 KCSE Mean Grade D- (Minus) & above	May	Sept	CDACC
Soil Management Level 3 KCSE Mean Grade D- (Minus) & above	May	Sept	CDACC
Horticulture Nursery Management Level 3 KCSE Mean Grade D- (Minus) & above	May	Sept	CDACC
KNEC Examined Courses			
Diploma in Agriculture KCSE Mean grade C - (Minus) & above or Pass in Mod 1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Agricultural Engineering (TEP) KCSE Mean grade C - (Minus) & above	May	Sept	KNEC
Certificate in Agriculture (TEP) KCSE Mean Grade D (Plain) & above	May	Sept	KNEC
Certificate in Entrepreneurial Agriculture (Modular) KCSE Mean Grade D (Plain) & above	May Mod 1	Sept Mod 1	KNEC
Modern Methods of Agribusiness KCSE Mean Grade D - (Minus) & above or Pass in Level I	May Level I	Sept Level I & II	KNEC
MECHANICAL & AUTOMOTIVE ENGINERING DEPARTMENT			
Competency Based Education and Training (CBET) Courses			
Welding Level 4 KCSE Mean Grade D Plain & above	May	Sept	CDACC
Welding (Manual Arc Welder for Mild Steel) Level 3 KCSE Mean Grade D+ (Plus) & above	May	Sept	CDACC
Mechanical Technology/Maintenance of Lathe Machine Operator Level 3 KCSE Mean Grade D+ (Plus) & above	May	Sept	CDACC
KNEC/NITA Examined Courses			
Diploma in Automotive Engineering KCSE Mean Grade C- (Minus) & above with D+ (Plus) in Maths or Physics or Pass in Mod 1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Mechanical Engineering (Plant Option) KCSE Mean Grade C- (Minus) & above with D+ (Plus) in Maths or Physics or Pass in Mod 1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Mechanical Engineering (Production Option) KCSE Mean Grade C- (Minus) & above with D+ (Plus) in Maths or Physics or Pass in Mod 1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Driving Instructor KCSE Mean Grade C (Plain) or Pass in Certificate in Driving Instructor	May	Sept	NTSA
Certificate in Automotive Technology KCSE Mean Grade D+ (Plus) & above with D (Plain) in Maths or Physics or Pass in Mod 1	May Mod 1	Sept Mod 1 & 2	KNEC
Certificate in Driving Instructor 3 Years driving experience	May	Sept	NTSA
Certificate in Mechanical Engineering (Plant Option) KCSE Mean Grade D+ (Plus) & above with D (Plain) in Maths or Physics or Pass in Mod 1	May Mod 1	Sept Mod 1 & 2	KNEC
Certificate in Mechanical Engineering (Production Option) KCSE Mean Grade D+ (Plus) & above with D (Plain) in Maths or Physics or Pass in Mod 1	May Mod 1	Sept Mod 1 & 2	KNEC
Artisan in Motor Vehicle Mechanics KCSE Mean Grade D (Plain) & above	4 Terms	4 Terms	KNEC
BUILDING & CIVIL ENGINEERING DEPARTMENT			
Competency Based Education and Training (CBET) Courses			
Masonry Level 3 KCSE Mean Grade D- (Minus) & above	May	Sept	CDACC
Plumbing Level 3 KCSE Mean Grade D- (Minus) & above	May	Sept	CDACC
KNEC/NITA Examined Courses			
Higher Diploma in Structural Engineering (2 years) Pass in (Diploma in Building or Diploma in Civil Engineering or Diploma in Quantity Survey)	-	Sept	KNEC (TEP)
Diploma in Quantity Survey (E- Learning) K.C.S.E Mean Grade C- (Minus) and Physics or Maths Grade D+ or above	-	Sept	KNEC
Certificate in Masonry & Cabro Laying K.C.S.E Mean Grade D (Plain) or above	May	Sept	NITA

COURSE NAME AND ENTRY REQUIREMENTS	INTAKE		EXAM BODY
Diploma in Building Construction Technology KCSE Mean Grade C- (Minus) & above with D+ (Plus) in Maths or Physics or Pass in Mod 1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Civil Engineering KCSE Mean Grade C- (Minus) & above with D+ (Plus) in Maths or Physics or Pass in Mod 1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Land Survey KCSE Mean Grade C- (Minus) & above with D+ (Plus) in Maths or Physics or Pass in Mod 1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Quantity Survey KCSE Mean Grade C- (Minus) & above with D+ (Plus) in Maths or Physics or Pass in Mod1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Architecture KCSE Mean Grade C- (Minus) & above with D+ (Plus) in Maths or Physics or Pass in Mod 1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Certificate in Land Survey KCSE Mean Grade D+ (Plus) & above with D (Plain) in Maths or Physics or Pass in Module 1	May Mod 1	Sept Mod 1 & 2	KNEC
Certificate in Building Technology KCSE Mean Grade D+ (Plus) & above with D (Plain) in Maths or Physics or Pass in Module 1	May Mod 1	Sept Mod 1 & 2	KNEC
Certificate in plumbing KCSE Mean Grade D+ (Plus) & above	May Mod 1	Sept Mod 1 & 2	KNEC
Artisan in Plumbing KCSE Mean Grade D (Plain) & above	May 4 Terms	Sept 4 Terms	KNEC
BUSINESS MANAGEMENT & ACCOUNTANCY DEPARTMENT			
Competency Based Education and Training (CBET) Courses			
Office Assistant Level 4 KCSE Mean Grade D- (Minus) & above	May	Sept	CDACC
Front Office Operator Level 3 KCSE	May	Sept	CDACC CDACC
KNEC/KASNEB Examined Courses			
Higher Diploma in Secretarial Management Pass in Diploma in Secretarial Management	May	-	KNEC
Higher Diploma in Human Resource Management (E - Learning) Pass in (Diploma in Human Resource Management)	Sept	-	KNEC
Certified Public Accountant (CPA) 1,2 & 3	May	-	KASNEB
Accounting Technician Diploma (ATD) Level I, II and III KCSE Mean grade C - (Minus) & above or Pass in Level 1 or 2	May	-	KASNEB
Diploma in Business Management KCSE Mean grade C – (Minus) & above or Pass in Mod 1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Supply Chain Management KCSE Mean grade C – (Minus) & above or Pass in Mod 1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Human Resource Management KCSE Mean grade C – (Minus) & above or Pass in Mod 1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Sales & Marketing KCSE Mean grade C – (Minus) & above or Pass in Mod 1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Social Work & Community Development KCSE Mean grade C – (Minus) & above or Pass in Mod 1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Co-operative Management KCSE Mean grade C – (Minus) & above or Pass in Mod 1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Project Management KCSE Mean grade C – (Minus) & above or Pass in Mod 1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Road Transport Management KCSE Mean grade C – (Minus) & above or Pass in Mod 1 or 2	May Mod 1	Sept Mod 1,2 & 3	KNEC
Computerized Secretarial Studies (Single & Group)	May	Sept	KNEC
Certificate in Human Resource Management KCSE Mean grade D (Plain) & above or Pass in Mod 1	May Mod 1	Sept Mod 1 & 2	KNEC
Certificate in Project Management K.C.S.E Mean Grade D (Plain)	May Mod 1	Sept Mod 1 & 2	KNEC
Certificate in Road Transport Management K.C.S.E Mean Grade D (plain)	May Mod 1	Sept Mod 1 & 2	KNEC
CAMS (Certificate in Accounting & Management Skills) Level 1 & Level 2 K.C.S.E Mean Grade D(plain)	May	-	KASNEB
Certificate in Supply Chain Management KCSE Mean grade D (Plain) & above or Pass in Mod 1	May Mod 1	Sept Mod 1 & 2	KNEC
Certificate in Business Management KCSE Mean grade D (Plain) & above or Pass in Mod 1	May Mod 1	Sept Mod 1 & 2	KNEC
Certificate in Social Work & Community Development. KCSE Mean grade D (Plain)	4 Terms	4 Terms	KNEC
Certificate in Co-operative Management KCSE Mean grade D (Plain) & above or Pass in Mod 1	May Mod 1	Sept Mod 1 & 2	KNEC

COURSE NAME AND ENTRY REQUIREMENTS	INTAKE		EXAM BODY
Certificate in Sales & Marketing KCSE Mean grade D (Plain) & above or Pass in Mod 1	May Mod 1	Sept Mod 1 & 2	KNEC
Certificate in Clerical Operations KCSE Mean grade D (Plain) & above or Pass in Mod 1	May Mod 1	Sept Mod 1 & 2	KNEC
APPLIED SCIENCES & COSMETOLOGY DEPARTMENT			
Competency Based Education and Training (CBET) Courses			
Hair Dressing and Beauty Therapy Level 3 KCSE Mean Grade D- (Minus) & above	May	Sept	CDACC
Beauty Therapy Level 3 KCSE Mean Grade D- (Minus) & above	May	Sept	CDACC
Hair Dressing Level 3 KCSE Mean Grade D- (Minus) & above	May	Sept	CDACC
KNEC/NITA Examined Courses			
Diploma in Applied Biology KCSE Mean Grade C- (Minus) & above	May	Sept	KNEC
Diploma in Analytical Chemistry KCSE Mean Grade C- (Minus) & above	May	Sept	KNEC
Diploma in Food Science &Processing Technology KCSE Mean Grade C- (Minus) & above	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Environmental Science & Technology KCSE Mean Grade C- (Minus) & above	May	Sept	KNEC
Certificate in Science Laboratory Technology KCSE Mean Grade D+ (Plus) & above	May Mod 1	Sept Mod 1 & 2	KNEC
Certificate in Beauty Therapy & Hairdressing KCSE Mean Grade D (Plain) & above	May Mod 1	Sept Mod 1 & 2	NITA
Beauty Therapy & Hairdressing KCSE Mean Grade D- (Minus) & above or Pass in Level II or III	May Level III, II & I	Sept Level III, II & I	NITA
TOURISM AND HOSPITALITY MANAGEMENT DEPARTMENT			
Competency Based Education and Training (CBET) Courses			
Laundry and Dry-Cleaning Level 4 KCSE Mean Grade D Plain & above	May	Sept	CDACC
House Keeping Level 3 KCSE Mean Grade D- (Minus) & above	May	Sept	CDACC
Food and Beverage Sales Level 3 KCSE Mean Grade D- (Minus) & above	May	Sept	CDACC
Food and Beverage Production (Culinary Art) Level 3 KCSE Mean Grade D- (Minus) & above	May	Sept	CDACC
KNEC Examined Courses			
Diploma in Nutrition and Dietetics (3years) K.C.S.E Mean Grade C- (Minus) and D+ (Plus) in English, Biology/Biological Sciences and Chemistry/ Physical Sciences. D plain in Physics, Mathematics, Home Science, Agriculture and General Science	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Housekeeping Management (3years) K.C.S.E Mean Grade C- (Minus)	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Food & Beverage Management KCSE Mean Grade C- (Minus) & above or pass in Module 1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Catering & Accommodation KCSE Mean Grade C- (Minus) & above or pass in Module 1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Diploma in Tourism & Management KCSE Mean Grade C- (Minus) & above or pass in Module 1 or 2	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Certificate in Nutrition and Dietetics K.C.S.E Mean Grade D (Plain) and D (Plain) in English, Biology/Biological Science and Chemistry/ Physical Sciences. D (Plain) in Physics, Mathematics, Home Science, Agriculture and General Science	May Mod 1	Sept Mod 1 & 2	KNEC
Certificate in House Keeping and Laundry K.C.S.E Mean Grade D (Plain)	May Mod 1	Sept Mod 1, 2 & 3	KNEC
Certificate in Food & Beverage KCSE Mean Grade D (Plain) & above or pass in Module 1	May Mod 1	Sept Mod 1 & 2	KNEC
Certificate in Catering & Accommodation KCSE Mean Grade D (Plain) & above or pass in Module 1	May Mod 1	Sept Mod 1 & 2	KNEC
Certificate in Tour Guide Operations KCSE Mean Grade D (Plain) & above or pass in Module 1	May Mod 1	Sept Mod 1 & 2	KNEC
Artisan in Food & Beverage KCSE Mean Grade D- (Minus) & above	May	Sept	KNEC

MESSAGE FROM THE CHIEF PRINCIPAL

ENG. STEPHEN N. RUKARIA

Hello and welcome to The Meru National Polytechnic. As an institution, we are determined to be an International Center of Excellence in Technical and Vocational Educational and Training (TVET) by providing TVET for producing dependable and skilled Human Resource for Commerce and Industry. We aim at offering manpower that is equipped with all necessary types of skill, competency and techniques required by the industry. This way the Polytechnic contributes immensely in the process of realization of vision 2030 as a social pillar that the nation requires in its development agenda. We encourage all to apply for our admission to our courses and experience top notch training in skills development and technology transfer.

Currently the World Bank is financing the establishment and implementation of an East Africa Skills for Transformation and Regional Integration Project (EASTRIP), which involves three East African countries along the Northern Transport Corridor including Ethiopia, Kenya, and Tanzania. The World Bank competitively picked The Meru National Polytechnic as a regional flagship TVET institution for EASTRIP in Building and Construction Technology.

The Meru National Polytechnic Strategic Investment Plan (SIP) which contains the following sub-components:

(1) Strengthening governance and management by: developing the polytechnic strategic plan 2019 – 2023 to include SIP activities and implementation matrix, training Council members and top management on TVET leadership skills, benchmarking with institutions with internationally recognized best practices in TVET leadership and CBET curriculum delivery, upgrading the polytechnic MIS for efficient delivery of services and procuring of project vehicles for easier logistical services

(2) Institutionalizing Industry Linkages by: signing MoUs with identified sector industries for students and staff attachments, signing contracts with some identified sector industry experts for cooperative teaching (part-time) and signing MoUs for employment of trainees after graduation

(3) Developing Market Relevant and Competency based training programmes by: conducting training needs assessment (TNA) in the program area by developing Sector Skills Advisory Committees (SSACs) and developing occupational standards (OS) through SSACs, developing the curriculum through the SSACs and have it accredited and having the polytechnic accredited/approved as an assessment centre

(4) Training of School Managers and Teachers by: conducting a TNA for teachers and school managers and procuring and signing training agreements with the training providers

(5) Upgrading Key Training Facilities and Equipment by: procuring consultancy services for designs, Bill of quantities and supervision of building infrastructure, procuring and sign contracts for building infrastructure works, procuring consultancy services for development of equipment specifications, procuring and sign contracts for supply and delivery of equipment, contracting NEMA (National Environmental management Authority) to conduct an environmental impact assessment and appointing Social issues safeguards focal person to ensure social issues are addressed accordingly

(6) Outreaching and Support for Non-project National TVET by: identifying on non-project national TVET institution for outreach and sign MoU for collaboration, capacity building the staff (Trainers) and providing vertical articulation for students

On Completion the centre of excellence shall offer courses geared towards post-modern building and construction technologies. All students in the East Africa region are encouraged to apply.

How To Apply

1. Download the course application form from **www.mnp.ac.ke**
2. Fill, scan and send to **registrar@mnp.ac.ke**
3. You may also visit our admission offices
4. The fee structure can be downloaded from **www.mnp.ac.ke**
5. Wait for official communication from the polytechnic

Note: Our intakes are in January, May and September. Kindly apply at least 15 days before the start of the semester/term.

Location: ***Nairobi -> Thika -> Embu ->Meru --- >Meru National Polytechnic***

The Meru National Polytechnic is located in the eastern province, Meru County at the heart of the county headquarters. The climate is cool and sunny.

EASTRIP
Skills for Transformation & Regional Integration

WORLD BANK GROUP