

KITALE NATIONAL POLYTECHNIC
P.O.BOX 2162-30200
KITALE

REQUIREMENTS FOR MECHANICAL/AUTOMOTIVE DEPARTMENT

GENERAL

- Navy blue overall/dust coat
- Industrial boots
- Technical Drawing set
- Big 45° and 60° set squares
- T-square
- Scientific calculator
- Advanced SMP tables
- Steam tables(Diploma course)
- Protractor(Diploma course)
- A Standard drawing board available at the institution at a cost of kshs. 2000 payable in cash.

TEXT BOOKS

Areas covered

- ✓ Automotive Engineering
- ✓ Technical drawing
- ✓ Engineering science
- ✓ Mathematics
- ✓ Mechanical Engineering
- ✓ Production technology
- ✓ Mechanical technology
- ✓ Mechanics of machines
- ✓ Strength of materials
- ✓ Fluid mechanics
- ✓ Metrology
- ✓ Production and operation management

The titles of text books will be provided by the department as per course chosen.

HOD MECHANICAL/AUTOMOTIVE ENGINEERING

For PRINCIPAL

**KITALE NATIONAL POLYTECHNIC
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REQUIREMENTS FOR CRAFT CERTIFICATE IN SCIENCE LABORATORY

- **Lab coat(white)**
- **Acid proof gloves**
- **Scientific calculator**
- **M.V Roberts: A practical approach(students manual)**
- **Laboratory preparation for secondary schools by Ngugi**
- **Technical drawing set**
- **Goggles**
- **A Standard drawing board available at the institution at a cost of kshs. 2000 payable in cash.**

HOD MATHS AND APPLIED SCIENCES

For PRINCIPAL

**KITALE NATIONAL POLYTECHNIC
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REQUIREMENTS FOR :

- ❖ **DIPLOMA IN ANALYTICAL CHEMISTRY**
- ❖ **DIPLOMA IN CHEMICAL ENGINEERING**
- ❖ **MEDICAL ENGINEERING**
- ❖ **DIPLOMA IN PETROLEUM AND GEO-SCIENCE**
- ❖ **FOOD SCIENCE AND TECHNOLOGY**
 - **Lab coat(white)**
 - **Acid proof gloves**
 - **Scientific calculator**
 - **Technical drawing set**
 - **T-square**
 - **Goggles**
 - **A Standard drawing board available at the institution at a cost of kshs. 2000 payable in cash.**

TEXT BOOKS

- ✓ **Fundamental of analytical chemistry by D A Skoog, D M West, F J Holle and S R Crouch**
- ✓ **Principles and practice of analytical chemistry(1995) by FiField and Ke**

HOD MATHS AND APPLIED SCIENCES

For PRINCIPAL

**KITALE NATIONAL POLYTECHNIC
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KITALE**

REQUIREMENTS FOR ELECTRICAL /ELECTRONICS DEPARTMENT

- Navy blue overall/dust coat
- Technical Drawing set
- Big 45° and 60° set squares
- T-square
- Scientific calculator
- Advanced SMP tables
- Drawing pencils HB, H, 2H
- A Standard drawing board available at the institution at a cost of kshs. 2000 payable in cash.

TEXT BOOKS

The list of text books will be provided at the department

HOD ELECTRICAL/ELECTRONICS DEPARTMENT

For: PRINCIPAL

**KITALE NATIONAL POLYTECHNIC
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REQUIREMENTS FOR DIPLOMA APPLIED BIOLOGY

- **Lab coat (white)**
- **Technical Drawing set**
- **Big 45° and 60° set squares**
- **T-square**
- **Scientific calculator**
- **Dissection kit**
- **A Standard drawing board available at the institution at a cost of kshs. 2000 payable in cash.**

TEXT BOOKS

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HOD MATHS AND APPLIED SCIENCES

For PRINCIPAL

**KITALE NATIONAL POLYTECHNIC
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KITALE**

REQUIREMENTS FOR BUILDING AND CIVIL ENGINEERING DEPT

- **Navy blue overall/dust coat**
- **Technical Drawing set**
- **Big 45° and 60° set squares**
- **T-square**
- **Scientific calculator**
- **Scale rule-SI**
- **A Standard drawing board available at the institution at a cost of kshs. 2000 payable in cash.**

TEXT BOOKS

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HOD BUILDING AND CIVIL ENGINEERING DEPARTMENT

For PRINCIPAL

**KITALE NATIONAL POLYTECHNIC
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KITALE**

REQUIREMENTS FOR DIPLOMA ENVIRONMENTAL SCIENCE

- **Lab coat (white)**
- **Industrial gloves**
- **goggles**
- **T-square**
- **Scientific calculator**
- **Dissection kit**
- **Gas mask**

TEXT BOOKS

The list of text books will be provided at the department

HOD MATHS AND APPLIED SCIENCES

For PRINCIPAL

**KITALE NATIONAL POLYTECHNIC
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REQUIREMENTS FOR SECRETARIAL SECTION

STATIONERY

- **4 -Shorthand note pads**
- **1 - Ream photocopying paper**
- **6 -110HB pencils**
- **2 - Re-writable CD's**

TEXT BOOKS

- ✓ **Shorthand anniversary edition by Pitman**
- ✓ **Shorthand dictionary**
- ✓ **Keyboarding and document processing**
- ✓ **Office practice by Gichira**
- ✓ **Commerce simplified by Saleem**
- ✓ **Communication skills by Saleem**
- ✓ **Financial accounting by Saleem**

HOD BUSINESS DEPARTMENT

For; PRINCIPAL

**KITALE NATIONAL POLYTECHNIC
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KITALE**

REQUIREMENTS FOR AGRICULTURE DEPARTMENT

GENERAL

- Green dust coat.
- A pair of gumboots
- Plastic [black] gloves
- Technical drawing set
- Big 45⁰ and 60⁰ set squares
- T-square
- Scientific calculator
- A Standard drawing board available at the institution at a cost of kshs. 2000 payable in cash.

BOOK LIST

- ✓ E.A Agriculture by Karau Nguyo
- ✓ Principles of Animal Production
- ✓ Principles of Crop Production
- ✓ Technical Handbook of Vegetable gardening in Kenya
- ✓ Technical Handbook of Animal Production
- ✓ One text book [Relevant] on any field in:-Crop Production ,
Animal |Production, Farm management, Agricultural extension.

HOD GENERAL AGRICULTURE DEPARTMENT

For PRINCIPAL

THE KITALE NATIONAL POLYTECHNIC

P.O BOX 2162-30200

KITALE

REQUIREMENTS FOR FOOD AND BEVERAGE

- Dust coat (white)
- Chefs jacket (white)
- Chefs trouser or straight skirt (2 black)
- Low heeled closed shoes (black) rubber sole
- Apron (white)
- Chef's hat (white)
- Bowtie/wide black ribbon
- 24 pieces of manilla paper & feltpens
- Dish clothes (5 pieces)
- Oven gloves (1 piece)
- Glass cloth (2 pieces)
- Tray cloth (2pieces)
- Waiters cloth (2 white /cotton)
- Yellow duster (1 piece)
- Opener (1 piece)
- Shirt/Blouse (2 white/long sleeved)
- Half coat (black)

N/B food handler's certificate

TEXTBOOKS ;

Artisan –The innovator Food & Beverage Production by Level 1 J. A Anyone & J.Lagat

MOD I

- ✓ Practical cookery 11th edition by Kinston and Caserani
- ✓ Theory of catering by Kinston and Caserani
- ✓ Food and beverage service theory by Lilicrap
- ✓ The science of food by Gaman & Sherrington
- ✓ Cooking explained by Hammond
- ✓ Essential of Food Science By Vaclavik &Christian;
- ✓ Food and Nutrition by Anita Tull;

MODULEII & III

- ❖ Nutrition & Diet therapy– by Ruth 0. Roth
- ❖ Nutrition & Diet therapy by Carol Lutz, Erine Mazur, Nancy Litch
- ❖ Dietetics by B. Srilakshmi
- ❖ Food & Beverage Control by Davies Kotas
- ❖ Cost accounting simplified by Saleemi
- ❖ Food and beverage management by Davis /kinton
- ❖ Introduction to law by Ashiq Mohamed
- ❖ Commercial law by Robert Mudinda
- ❖ Principles and practices of management by Saleemi
- ❖ Human relations by Steven Nduve
- ❖ Human Resource Management by Michael Amstrong.

HOD HOSPITALITY MANAGEMENT

FOR: PRINCIPAL

THE KITALE NATIONAL POLYTECHNIC

P.O BOX 2162-30200

KITALE

REQUIREMENTS FOR CATERING AND ACCOMMODATION MANAGEMENT

- Dust coat (white)
- Chefs jacket (white)
- Chefs trouser or straight skirt (2black)
- Low heeled closed shoes (black) rubber sole
- Apron (white)
- Chefs hat (white)
- Bowtie/wide black ribbon
- Dish clothes (5pieces)
- Oven gloves (1 piece)
- Glass cloth (2pieces)
- 24 pieces of manilla paper & feltpens
- Tray cloth (2pieces)
- Waiters cloth (2 white /cotton)
- Yellow duster (1 piece)
- Opener (1 piece)
- Shirt/Blouse (2 white/long sleeved)
- Half coat (black)
- Black flat shoes (rubber soles)
- Head scarf/hat (yellow)
- Industrial gloves
- Yellow dusters (4pieces)
- Black cotton skirt/trouser and light blue shirts

N/B food handler's certificate

TEXTBOOKS

- ✓ Practical cookery 11th edition by Kinston and Caserani
- ✓ Theory of catering by Kinston and Caserani
- ✓ Food and beverage service theory by Lilicrap
- ✓ The science of food by Gaman & Sherrigton
- ✓ Cooking explained by Hammond
- ✓ Essential of Food Science, Vaclavik & Christian;
- ✓ Food and Nutrition by Anita Tull;

MODULEII & III

- ❖ Nutrition, Diet therapy & Home-nursing – by Ruth 0. Roth
- ❖ Nutrition & Diet therapy by Carol Lutz, Erine Mazur, Nancy Lite
- ❖ Dietetics by B. Srilakshmi
- ❖ Food & Beverage Control by Davies Kotas
- ❖ Cost accounting simplified by Saleemi
- ❖ Food and beverage management by Davis /kinton
- ❖ Introduction to law by Ashiq Mohamed
- ❖ Commercial law by Robert Mudida
- ❖ Principles and practices of management by Saleemi
- ❖ Human relations by Steven Nduve
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HOD HOSPITALITY MANAGEMENT

FOR: PRINCIPAL

