**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 45o and 60o 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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**KITALE**

**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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**KITALE**

**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 45o and 60o 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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**KITALE**

**REQUIREMENTS FOR DIPLOMA APPLIED BIOLOGY**

* **Lab coat (white)**
* **Technical Drawing set**
* **Big 45o and 60o 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**

**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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**KITALE**

**REQUIREMENTS FOR BUILDING AND CIVIL ENGINEERING DEPT**

* **Navy blue overall/dust coat**
* **Technical Drawing set**
* **Big 45o and 60o 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**

**The list of text books will be provided at the department**

**HOD BUILDING AND CIVIL ENGINEERING DEPARTMENT**

**For PRINCIPAL**

**KITALE NATIONAL POLYTECHNIC**

**P.O.BOX 2162-30200**

**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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**KITALE**

**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**

**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)**
* **Apron(white)**
* **Chefs hat(white)**
* **Bowtie/wide black ribbon**
* **Dish clothes(5 pieces)**
* **Oven gloves(1 piece)**
* **Glass cloth(2 piece)**
* **Tray cloth(2 pieces)**
* **Waiters cloth[2 white(cotton)**
* **Yellow duster(1 piece)**
* **Opener(1 piece)**
* **Shirt/Blouse[2 white(long sleeved)]**
* **Half coat(black)**

**TEXTBOOKS**

* **Practical cookery 11th edition by Kinston and Caserani**
* **Theory of Catering by Kinston and Caserani**
* **Food and beverage Service theory by Lillicrap**

**NB. MUST BRING FOOD HANDLER CERTIFICATE.**

**HOD HOSPITALITY MANAGEMENT**

**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**

**KITALE NATIONAL POLYTECHNIC**

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**KITALE**

**REQUIREMENTS FOR CATERING AND ACCOMODATION MANAGEMENT.**

* **Dust coat(white)**
* **Chefs jacket(white)**
* **Chefs Trouser or Straight skirt( 2 black)**
* **Low heeled closed shoes(black)**
* **Apron(white)**
* **Chef's hat(white)**
* **Bowtie/wide black ribbon**
* **Dish clothes(5 pieces)**
* **Oven gloves(1 piece)**
* **Glass cloth(2 piece)**
* **Tray cloth(2 pieces)**
* **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 (4 pieces)**
* **Black cotton skirt/trouser and light blue shirts**

**TEXT BOOKS**

**The list of text books will be provided at the department**

**HOD HOSPITALITY MANAGEMENT**

**For PRINCIPAL**