

P.O Box 414-00900 Kiambu

Tel 020 3522550, 0727807713, 0734207663





GENERAL REQUIREMENTS

- a) **Original** of your ID, Result slip/certificates and Birth Certificate for verification. Please note that presentation of **FORGED** documents is a criminal offence and the institute shall not be held responsible for the consequences therein. You are further required to ensure that you are fit and qualified for this course.
- b) One (1) Copy of 40mm by 50mm Digital passport photograph
- c) Admission letter (Kindly make a copy to be retained on admission).

BOARDING (OPTIONAL) PER TERM - Kshs. 6,200.00

 Boarding is subject to availability of rooms and full payment of tuition fees and other levies. Students are strictly not allowed to cook or use heating appliances in the hostels.

CATERING

- A variety of meals shall be served in KINAP pay- as-you-eat (PAYE) cafeteria. Students will be able to make a choice from the available meals. All students, both borders and commuters, are encouraged to take their meals in our Cafeteria INC.
- A copy of KINAP menu is available at the Institutes notice boards. The parents /Guardians should provide the student with at least Kshs. 200.00 per day. This is an estimate for breakfast, lunch and supper.

MODE OF PAYMENT

All fees must be paid in full on the reporting date. Payments should be made through:

a) Banker's cheque, Postal order or direct deposit to Kiambu Institute of Science and Technology *A/C No. 01100063992300* at Co-operative bank Kiambu Branch.







- b) Co-operative bank Pay Bill. Go to "Lipa na Mpesa", Select "Pay Bill", Enter Business number "4108221", Enter Account Number (Admission number/student name e.g., DEP/0900/22, Mustapha Ali), Enter Amount, Enter MPESA PIN, Confirm transaction.
- c) KCB Bank Account **No. 1217852204**; Account Name: Kiambu Institute of Science and Technology

CONFIRMATION

• The student should confirm acceptance of the offer by paying 100% of the tuition fees and levies to the Accounts office on or before the admission date.

HOSTEL REQUIREMENTS

The following personal effects will be required during admission

- 2 blankets
- ❖ 1 pillow
- 2 pillow cases
- 2 pairs of bed sheets
- **❖** Tooth paste
- **❖** Tooth brush
- Toilet paper
- Toilet soap
- Sports shoes
- ❖ Plastic bucket
- ❖ 1 bath towel



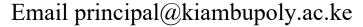






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APPLIED, AGRICULTURE AND ENVIRONMENTAL SCIENCES <u>DEPARTMENT</u>

COURSE REQUIREMENTS FOR ANALYTICAL CHEMISTRY COURSE REQUIREMENTS FOR INDUSTRIAL CHEMISTRY TECHNOLOGY LEVEL 6

- 1. White Lab Coat (compulsory)
- 2. Technical Drawing Equipment
 - i. $1 \times 45/45$ set square (mini size 150mm)
 - ii. $1 \times 60/30$ set square (mini size 150mm)
 - iii. I × Protractor 360 (150mm)
 - iv. A Pair of Compass (150mm)
 - v. 1×30 cm scale Rule
 - vi. $1 \times T$ -square (A2 Size)
 - vii. 2 × HB Pencils
 - viii. 2 × 2H Pencil
 - ix. $1 \times \text{White Eraser}$
- 3. A pair of closed shoes (during practical lessons)
- 4. Physical Chemistry by Sharma and Sharma
- 5. Box file for POE
- 6. ORGANIC Chemistry by Morrison and Boyd
- 7. Analytical Chemistry by Skoog
- 8. Inorganic Chemistry Cotton & Wilkinston
- 9. Vogel's Textbook of Qualitative Inorganic Analysis J. Bassett et-al
- 10. Principles of BIO-Chemistry Publisher: Wiki Books 2011
- (b) Books (4), (5) and (7) are mandatory







COURSE REQUIREMENTS FOR SUSTAINABLE AGRICULTURE FOR RURAL DEVELOPMENT LEVEL 5/ AGRICULTURAL EXTENSION LEVEL 6

A dust coat (field/farm coat) (Compulsory) – Green in color

Jembe Compulsory)

Panga/Slasher Compulsory)

- 1. Technical Drawing Equipment
 - (i) $1 \times 45/45$ set square (mini size 150mm)
 - (ii) $1 \times 60/30$ set square (mini size 150mm)
 - (iii) I × Protractor 360 (150mm)
 - (iv) A Pair of Compass (150mm)
 - (v) 1×30 cm scale Rule
 - (vi) $1 \times T$ -square (A2 Size)
 - (vii) $2 \times HB$ Pencils
 - (viii) 2 × 2H Pencil
 - (ix) $1 \times \text{White Eraser}$
- 2. A pair of gumboots (black in colour) (Compulsory)
- 3. A pair of gloves (compulsory)
- 4. Certificate Agriculture Form 1- 4 (Any one title)
- 5. Box File for POE
- 6. Farm equipment, machinery, structures and buildings by L. Anyanzo
- 7. Comprehensive Agriculture F1 F4 by P. Nkurunziza (Any one title)
- 8. Basic concepts of micro economics with special reference to Kenya by C. Akello –
- 8. Fundamentals of Agronomy by Gopal Chandra De
- 9. Simplified Economics by Salemi A.
- 10. Modern Economics by Mudida
- 11. Success in Agriculture (Volume 1,2,3,4,5,6,7) by James Mwangi Ndiritu
- 12. Applied Mathematics for Craft Engineering by Prof. S. M. Uppal, Simon Gacharu, et, al.







COURSE REQUIREMENTS FOR ENVIRONMENTAL SCIENCE LEVEL 6

- i) Practical Methods in Ecology & Environmental Science (R.K.Trivedy. et.al)
- ii) Environmental Chemistry (A.K. De)
- iii) Environmental Biology by Allan M. Jones (2001)
- iv) Environmental Economics & Natural Resource Economics (the Pearson Series in Economics). Thomas H. Tietenberg
- v) Human Ecology (2001) Gerald G. Marten
- vi) Understanding Human Ecology: A Systems Approach to Sustainability (2014) Robert Dyball & Barry Newell
- vii) White Laboratory Coat (compulsory)
- viii) Box file

COURSE REQUIREMENTS FOR APPLIED STATISTICS LEVEL 6

- 1. Higher Engineering Mathematics by John Bird (6th Edition)
- 2. Statistics by S.P. Gupta.
- 3. Modern Economics by Mundida
- 4. White Laboratory Coat (compulsory)
- 5. Box file for POE

COURSE REQUIREMENTS FOR APPLIED BIOLOGY LEVEL 6

- 1. White Lab Coat (compulsory)
- 2. Technical Drawing Equipment
- 3. 1×45 -45 set square (mini size 150mm)
- 4. 1× 60/30 set square (mini size 150mm)
- 5. I × Protractor 360 (150mm)
- 6. 1× Pair of Compass (150mm)
- $7. 1 \times 30$ cm scale Rule
- 8. 1× T-square (A2 Size
- 9. 2 ×HB Pencils
- 10. 2 ×2H Pencil No White Eraser
- 11. Closed shoes (during practical lessons)
- 12. Medical Parasitology 2nd Edition by Dr. Alora & B. Alora







- 13. A text book for Medical Microbiology by Guptt Ross &Wilson
- 14. Biological Sciences by Taylor, stout and Green.
- 15. Box file

COURSE REQUIREMENTS FOR DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY

Subject Cluster Combination

Minimum Requirement for a Diploma

- 1. C in Maths / Physics / Biology
- 2. C plain in Chemistry or Physical Science or a Pass in Medical Lab Tech
- 3. White Lab Coat (compulsory)
- 4. Dissecting Kit
- 5. Text book: Medical laboratory by Baker
- 6. Text book: Clinical pathology by Sitati
- 7. Box file for POE

COURSE REQUIREMENTS FOR SCIENCE LABORATORY TECHNOLOGY LEVEL 5

- 1) White lab coat (compulsory)
- 2) Biological Sciences by Taylor Stout and Green
- 3) Protective eye googles
- 4) T-Square
- 5) Scientific calculator (Casio fx-82MS)
- 6) Mathematical set.
- 7) Drawing Set
- 8) Drawing pencils
- 9) Writing materials (8 A4 Exercise books 200 pages)
- 10) Dissecting kit
- 11) Box file for POE

COURSE REQUIREMENTS FOR FOOD SCIENCE AND PROCESSING TECHNOLOGY LEVEL 5 AND LEVEL 6

1. White lab coat







- 2. White gumboots
- 3. White Hair cover/ head gear
- 4. Box file for POE



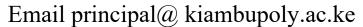






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BUILDING AND CIVIL ENGINEERING DEPARTMENT

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(A) STATIONERY AND EQUIPMENT REQUIRED FOR ALL COURSES IN BUILDING DEPARTMENT

Stationery

- i. A4 Ruled papers 1 ream
- ii. Spring files (Yellow)
- iii. Pencil (HB: 1 in number, 2H: 1 in number) Staedtler made in Germany
- iv. Erasers (enough) Staedtler made in Germany
- v. A4 Exercise books (120 pages, 3 books)
- vi. 1 Ream A4 printing papers 80 GSM
- vii. SMP Advanced Mathematics Table

Drawing Equipment

- i. 300 mm ruler
- ii. 300mm size folders files
- iii. Set square 45° and 60° (size 280/300 mm)
- iv. Protractor, 180° or 360° (minimum size 150mm)
- v. Compass (Size 150mm) / Drawing set
- vi. T-Square (A2size) Miscellaneous
- vii. Scientific calculator

ADDITIONAL STATIONERY FOR <u>ARCHITECTURAL TECHNOLOGY LEVEL 6</u>, <u>INTERIOR DESIGN LEVEL 6</u>, <u>ARCHITECTURAL DRAUGHTSMAN LEVEL 5</u>

(YOU STILL INCLUDE THE ONES INDICATED FOR ALL COURSES)

- i. Staedtler pencils (6B, 4B, 2B, HB, 1H,2H, 3H 4H)
- ii. ½ Ream A4 embossed papers (different colors)
- iii. ½ Ream A4 translucent papers (different colors)
- iv. Red Spring file
- v. Cutter knife (NT) heavy gauge 1 No.







- vi. NT cutter blades 1 packet of 12 blades
- vii. Plasticine
- viii. Steel rule
- ix. Scale rule
- x. UHU glue
- xi. Cutting mat A3 (for architectural model)
- xii. French curves Flexible or Set
- xiii. Laptop Used from term 2
- xiv. Drawing equipment as indicated on general stationery

ADDITIONAL STATIONERY for <u>CIVIL ENGINEERING LEVEL 6</u>/ <u>QUANTITY</u> <u>SURVEYING LEVEL 6</u>/ <u>CONSTRUCTION MANAGEMENT LEVEL 6</u>/ <u>WATER</u> <u>TECHNOLOGY ENGINEERING LEVEL 6</u>

(YOU STILL INCLUDE THE ONES INDICATED FOR ALL COURSES)

- I. SMM for building works
- II. SMM for engineering works CESM
- III. Scale rule







TOOLS AND PPEs

1. PLUMBING LEVELS 3,4&5 - COMPULSORY TOOLS











Pliers

Pipe wrench



Rubber mallet



Tin snip



Overall for Plumbing levels 3,4 & 5 – Grey









YELLOW HELMET



SAFETY BOOTS



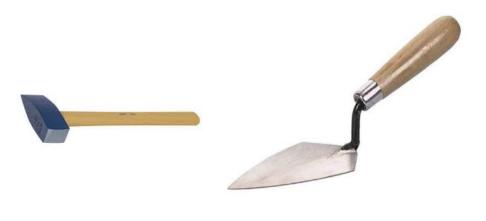
HACKSAW WITH BLADE

2. MASONRY LEVEL 3,4 and BUILDING TECHNOLOGY LEVEL 5&6 - COMPULSORY









1.MASON HAMMER

2. TROWEL



3.TAPE MEASURE - 5m and above

4.FLAT COLD CHISEL



5.YELLOW HELMET

6.PLUMB BOB SIZE NO 6









7.MANILLA STRING



8. Overall for Masonry level 3,4 and Building level 5&6 – Black









9. SAFETY BOOTS – ALL TRADES

3. CARPENTRY TOOLS FOR CARPENTRY LEVEL 3, 4&5 - OPTIONAL



Chisel ½ inch



Marking gauge



Tenon saw









Tape measure – 5m and above - COMPULSORY



Claw hummer



Try Square



Overall for Carpentry levels 4&5 – Maroon











YELLOW HELMET

3.CIVIL ENGINEERING LEVEL 6/ QUANTITY SURVEYING LEVEL 6/ CONSTRUCTION MANAGEMENT LEVEL 6/ WATER TECHNOLOGY ENGINEERING LEVEL 6/ ARCHITECTURAL TECHNOLOGY LEVEL 6, ARCHITECTURAL DRAUGHTSMAN LEVEL 5, CONSTRUCTION MANAGEMENT LEVEL 6& QUANTITY SURVEYING LEVEL 6, INTERIOR DESIGN LEVEL 6



Tape measure – 5m and above - COMPULSORY



SAFETY BOOTS









YELLOW HELMET



Level 6 – Navy blue

Overall for civil engineering level 6/ water technology engineering level 6

Overall for Architectural Technology Level 6, Architectural draughtsman level 5, Construction Management Level 6& Quantity surveying level 6, Interior Design level 6 – Light Blue







BOOKS RECOMMENDED (**NOT COMPULSORY**) FOR: BUILDING TECHNOLOGY LEVEL 6, CIVIL ENGINEERING LEVEL 6, CONSTRUCTION MANAGEMENT LEVEL 6 AND QUANTITY SURVEYING LEVEL 6

A. MATHEMATICS

- i. Engineering Mathematics by Stroud
- ii. Technician Mathematics Level 4 & 5 by Bird, J.O

B. STRUCTURES

- i. Materials and structures by Whitlaw
- ii. Strength of materials by R. Khurmi C.

C. SURVEYING

- i. Surveying by banister
- ii. Surveying for construction by Irvine W.H D.

C. CONCRETE TECHNOLOGY Any one of these two

- i. Concrete technology by M.L Gambir
- ii. Properties of concrete by Neville A.M F.

D. BUILDING CONSTRUCTION

- i. Building technology by I.H. SEELEY
- ii. Construction technology handbook R. Chudley & Greeno Any one of these two

RECOMMENDED TEXTBOOKS FOR BUILDING TECHNOLOGY LEVEL 5

- i. Technician Mathematics Level 1 & 2 Author Bird & May
- ii. Building Technology Ivor H. Seeley
- iii. Brickwork Vol. 1 & 11 by W.G Nash

RECOMMENDED TEXTBOOKS FOR PLUMBING LEVEL 3,4&5

- i. Technician Mathematics Level 1 & 2 Author Bird & May
- ii. Building services & Equipment Vol. 1 by F. Hall.
- iii. Plumbing Mechanical Services Book 1 G.L Blower.

RECOMMENDED TEXTBOOKS FOR CARPENTRY LEVEL 5

- i. Technician Mathematics Level 1 & 2 Author Bird & May
- ii. Carpentry and Joinery 1 by Brian Porter 3rd Edition (Books 1,2,3)









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BUSINESS, ENTREPRENEURSHIP, LIBERAL AND SOCIAL STUDIES DEPARTMENT

REQUIREMENTS FOR NEW STUDENTS: - ALL LEVEL $_{5}$ & LEVEL $_{6}$ COURSES

- HB pencils, Biro pens and ruler
- Scientific calculator
- 7 A4 single ruled and 1A4 squared 200 pages exercise books
- 1 ream A4 Foolscaps

REQUIREMENT FOR NEW STUDENTS - COUNSELING PSYCHOLOGY LEVEL 6

The students must be prepared to do 10 personal therapy sessions









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ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT COURSE REQUIREMENTS FOR:

ELECTRICAL ENGINEERING (POWER OPTION) LEVEL 6

ELECTRICAL ENGINEERING TELECOMMUNICATION LEVEL 6

INSTRUMENTATION AND CONTROL LEVEL 6

ELECTRICAL INSTALLATION LEVEL 5

INSTRUMENTATION AND CONTROL LEVEL 5

ELECTRICAL INSTALLATION LEVEL 4

ELECTRICAL INSTALLATION LEVEL 3

SOLAR PV INSTALLATION LEVEL 3

A. DRAWING INSTUMENTS AND STATIONERY

- 1. Complete set of drawing instruments
- 2. 1No. T-square
- 3. 2 HB pencils (staedler)
- 4. 2No. 2H pencils (staedler)
- 5. 1No. Ream of ruled papers(foolscaps)
- 6. 1No. Eraser
- 7. Size A4 Exercise books (Enough)
- 8. 3No. Spring Files
- 9. 1No. Scientific non-programmable Calculator
- 10. Set square 45°/45° and 30/60° (minimum size 150mm)
- 11. 1No. Masking tape (3/4 inch)
- 12. 1No. Tri Square







B. TOOLS

- 1. 1No. Pliers Medium size
- 2. 1No. Long Pliers
- 3. 1No. Side cutter
- 4. 1No. Electricians Knife
- 5. 1No.Hacksaw Frame and Blades
- 6. 1No. Spirit level
- 7. 1No. Ball pen hammer (small)
- 8. 1No Small size hand drill (with 2No. 3mm bits)
- 9. Phase tester
- 10. Set of screw drivers (small, medium, large)
- 11. 1No. overall grey in colour
- 12. Steel tape measure (3m)
- 13. Soldering Iron (25w.)
- 14. Bending spring (20mm)
- 15. Digital Multimeter (DT9205A)
- 16. Safety Boots (Black in colour)
- 17. Helmet (Blue in colour)

C. BOOKS

- 1. FOUR Figure Mathematical Table (SMP)
- 2. Electrical Technology by Hughes
- 3. Electronics by R.S Sedha
- 4. Electrical Technology by B.L. Theranja (optional)



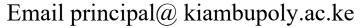






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HOSPITALITY, FASHION AND COSMETOLOGY DEPARTMENT

COURSE REQUIREMENTS FOR:

Food and Beverage Production (Culinary Arts) Level 5

Food and Beverage Production (Culinary Arts) Level 6

Food and Beverage Production and Service Level 5

Food and Beverage Production and Service Level 6

Catering and Accommodation Level 5

Catering and Accommodation Level 6

Food and Beverage Sales and Service Level 5

Food and Beverage Sales and Service Management Level 6

Housekeeping and Accommodation Level 5

Housekeeping and Accommodation Management Level 6

NB: Food and Beverage Production and Service Level 4 – requirements for Production (kitchen) only

- Public Health Food Handlers Certificate (Not required for Housekeeping students)
- 2. Kitchen Uniform (Required for Culinary arts students only)

MALE

- i. Black and white small check pair of trousers
- ii. White chef's cap
- iii. White chef's jacket
- iv. Red chef's Scarf
- v. White apron
- vi. Covered black low leather shoes

FEMALE

- i. Black and white small check A-Line skirt (length should be below the knee)
- ii. White chef's cap
- iii. White chef's jacket
- iv. Red chef's Scarf
- v. White apron
- vi. Covered black low leather shoes
- **3.Service Uniform -** (Required for both Culinary Arts and Food and beverage service students)

MALE.







- i. White long-sleeved shirt
- ii. Black pair of trousers (loose fitting)
- iii. Black bowtie
- iv. Covered black low leather shoes
- v. White Dust coat

FEMALE.

- i. White long-sleeved shirt
- ii. Black A-Line skirt (length should be below the knee)
- iii. Black bowtie
- iv. Covered black low leather shoes
- v. White Dust coat

4. Housekeeping Uniform (Only required for **Housekeeping and Accommodation** students)

MALE & FEMALE - Light blue short sleeved top and trouser (see picture below)



Light blue scarf for ladies.

PS. ALL SKIRTS AND DRESSES SHOULD BE BELOW KNEE LENGTH ALL TROUSERS, SKIRTS AND SHIRTS SHOULD BE LOOSE FITTING.

5. Kitchen Linen

- i. One white tea towel
- ii. One Dish cloth
- iii. A pair of oven gloves
- iv. One hand towel

6. Service Linen

- i. One white tea towel
- ii. One non-fluffy glass cloth
- iii. One dish cloth
- iv. One hand towel
- v. One yellow duster
- vi. Two white Damask dinner cloths 1 ½ x 1 ½ m
- vii. Two slip cloths 1m x 1m (see attached samples)
- viii. Eight white damask table napkins 20-inch square
- ix. Four white cotton (poplin) sideboard liners 48 x 12 inches each.

NB: Culinary Arts Level 6

Food and Beverage Sales and Service Management Level 6

Checked red and white cotton table linen as per attached sample 1 $\frac{1}{2}$ m x 1 $\frac{1}{2}$ m White damask tablecloth as per attached sample 1 $\frac{1}{2}$ m x 1 $\frac{1}{2}$ m Red damask slip cloth as per attached sample 1 m x 1 m













Culinary Arts Level 5

Food and Beverage Sales and Service Level 5

White damask tablecloth as per attached sample 1 $\frac{1}{2}$ m x 1 $\frac{1}{2}$ m, Orange damask slip cloth as per attached sample 1 m x 1 m



7. PERSONAL TOOLS

A. 5 Pieces Knife Set

Five pieces' knife set as attached comprising

- i. Butcher's /cook's knife
- ii. Paring knife
- iii. Fillet/ steak knife
- iv. Bread knife
- v. Fruit knife
- B. One multipurpose bottle opener
- C. One small white flower vase
- D. Measuring jug one litre capacity
- E. Potato peeler
- F. Weighing scale up to 5kg.
- G. Additional useful tools
 - i. Piping bag 16 inches
 - ii. Big plastic nozzles; star and plain
- iii. Measuring spoons







- iv. Measuring cups
- v. Fruit scooper
- vi. Metal sieve (large)

8. STATIONERY

- i. Record cards
- ii. Box file for the record cards
- iii. Receipt book
- iv. Billing pads (a small scribbling pad)
- v. Felt pens; assorted colors
- vi. Scientific calculator
- vii. Exercise books
- viii. Pens, pencil, Ruler

RECOMMENDED TEXT BOOKS

(CULINARY ARTS STUDENTS)

- Practical Cookery by Kinton and Ceserani OR by D. Foskett, Paskins, Rippington & Thorpe
- 2. Theory of catering by Kinton and Ceserani **OR** The Theory of Hospitality and Catering by David Foskett and Patricia Paskins

RECOMMENDED TEXT BOOKS

(FOOD AND BEVERAGE SERVICE STUDENTS)

Food and Beverage Service by John Cousins, Dennis Lillicrap & Suzanne Weekes

RECOMMENDED TEXT BOOKS (HOUSEKEEPING AND ACCOMMODATION)

Hotel, Hostel and Hospital Housekeeping 5th Edition by Joan Branson

ADMISSION REQUIREMENTS FOR FASHION DESIGN ITEMS TO BE BROUGHT BY LEVEL 5 & 6 FASHION DESIGN TRAINEES STATIONERY







- 1. One tape measure
- 2.1 Pair of scissors (shears) 9" and 1 pair of small scissors 6"
- 3. One seam ripper
- 4. One packet hand sewing needles (Assorted sizes)
- 5. Five pieces tailors chalk of different colours
- 6. One packet of dress making pins
- 7. One tracing wheel
- 8.1 Electric Bobbin and bobbin case
- 9.1 Manual Bobbin and bobbin case
- 10. Assorted sewing threads
- 11. Ruler (1 metre length)
- 12. Six 200 pages exercise books (A4)
- 13. Two drawing books (A3)
- 14. One packet-coloured pencils
- 15. French Curves (plastic packet)
- 16. Five blue/black pens
- 17. Four pencils (HB and 2H)
- 18. Rubber/eraser (White)
- 19. Two spring files
- 20. One ream foolscaps paper
- 21. One ream duplicating papers
- 22. One cello tape (1/2" wide)
- 23. Pritt Glue stick
- 24. A clear pocket folder (with 60 pockets)
- 25. A set of set square (plastic)
- 26. White dust coat
- 27. Low heeled black leather shoes.

RECOMMENDED TEXTBOOKS

Metric Pattern cutting for Women's wear by Winfred Aldrich

Metric Pattern cutting for Men's wear by Winfred Aldrich

Metric Pattern cutting for Children's Wear and Babywear by Winfred Aldrich







Hairdressing, Beauty Therapy and Cosmetology

- 1. 1 White dustcoat
- 2. 1 apron (Red)
- 3. 2 Polo T-Shirts (Light grey colour)
- 4. 2 Black trousers/skirts
- 5. Black low-heeled shoes
- 6. Set of plastic combs
- 7. 1 wooden comb for plaiting
- 8. 3 wooden combs for blow dry
- 9. 4 pieces salon size towels
- 10. 1 piece large towel (white)
- 11. 1 manicure/pedicure kit
- 12. 1 manicure file and buffer
- 13. 1 make up kit
- 14. Eye pencil (black and brown)
- 15. Make up brushes and applicator sponge
- 16. 1 tweezer and extractor
- 17. 1 pedicure pumice stone and nail brush
- 18. 4 pieces sectioning clips
- 19. A pair of slippers
- 20. 1 box file
- 21. 4 A4 exercise books
- 22. Stationary (pens, pencils, ruler)

REQUIREMENTS FOR BAKING TECHNOLOGY LEVEL 6 (DIPLOMA), BAKING TECHNOLOGY LEVEL 5 (CERTIFICATE) AND BAKING TECHNOLOGY LEVEL 4 (ARTISAN)

1. Public Health Food Handlers Certificate-Compulsory

2. Uniform

- i. Two black skirts/trousers (**NOT TIGHT/NOT JEANS**)
- ii. Two white aprons
- iii. Two white T-shirts
- iv. Two white baker's caps
- v. Two white chef's jackets
- vi. One pair of low closed black shoes

3. Six plastic bowls







- -35cm diameter
- -30cm diameter
- two 20cm diameter
- -two 15cm diameter
- 4. Two tea towels
- 5. Two dish clothes
- 6. a. One clear plastic ruler (30cm)
 - b. One clear plastic/glass ruler (one meter)



7. One weighing scale (digital) inches)

8. Two painter's brushes (4 inches and 2





9. One calibrated measuring jug (one litre) plastic scraper

10. Metal scraper 11. One

















14. Two knifes (one small and one big)

15. One pastry cutter





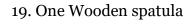
16. One pair of oven glove

17. One STRONG whisk





- 18. One piping bag (16 inches) and five nozzles
- Two-star nozzles -Writing nozzle (Big mwiko)
 - Leaf nozzle Rose (medium and small)





















23. One LARGE plastic Sieve **round**, and one set

24 2 sets of cookie cutters (one set



any other shape).



25. Four (4) round metallic cutters with 2 of 6 cm and 2 of 8cn diameter.





28. PUBLIC HEALTH FOOD HANDLER'S CERTIFICATE (COMPULSORY)







TEXT BOOKS

- 1. The technology of food preservation- Desrosier Norman W.
- 2. Modern Food microbiology Jay James
- 3. Food Science-Potter N. Norman
- 4. Nutrition Science B. Srilakshmi
- 5. Nutrition through the life cycle-Brown Wadsworth Cengage leaning
- 6. Dietary reference intakes for Thiamin, Riboflavin, Niacin, National Academics press

REQUIREMENTS FOR LEVEL 6/LEVEL 5 IN NUTRITION AND DIETETICS. Subject Cluster Combination

- 1. Grade D+ (plus) for Diploma, D (Plain) for Certificate in the following **mandatory** subjects
 - i. Chemistry or Physical Sciences
 - ii. Biology / Biological Sciences
 - iii. English/Kiswahili

and

- 2. Grade D (plain) in any of the following subjects
 - i. Physics
 - ii. Mathematics
 - iii. Home science
 - iv. Agriculture or
 - v. General Science

NB: For those taking Nutrition and Dietetics course, upgrading of subjects can be done with KNDI at a fee of Ksh 10,000 per subject.

3. Uniform

- i. Two black skirts/trousers (NOT TIGHT/NOTJEANS) Two white aprons
- ii. Two white baker's caps
- iii. Two white chef's jackets







NB: ALL SKIRTS MUST BE BELOW THE KNEE LENGTH ALL TROUSERS MUST BE LOOSE FITTING

- 4. One digital weighing scale (5kg capacity)
- 5. One clear plastic/glass ruler (one meter)
- 6. One clear plastic ruler (30cm)
- 7. Four plastic bowls
 - i. Two 30 cm diameter
 - ii. 20cm diameter
 - iii. 15cm diameter
- 8. One calibrated measuring jug (one-liter capacity)
- 9. Food masher
- 10.1 set of knives
 - Butchers knife
 - Filleting
 - Turning
 - Bread
 - Fruit
- 11. Towels
 - Two dish clothes
 - One hand towel
- 12. One white damask table cloth (2m square)
- 13. One green slip cloth (1m)
- 14. 4 white damask table napkins (20 inches square)
- 15. One large sieve
- 16. One set measuring cups
- 17. Wooden stick/mwiko
- 18. Rolling stick
- 19. One pair of oven gloves
- 20. Vegetable peeler
- 21. A set of cutleries i.e., 6 Table spoons, 6 Knives, 6 Tea spoons and 6 forks.







- 22. Six table mats.
- 23. Three serving bowls (Hot pots).
- 24. Writing materials: ten A4 exercise books, pens, one ream ruled foolscaps
- 10. PUBLIC HEALTH FOOD HANDLER'S CERTIFICATE (COMPULSORY)
- 11. INDEXING WITH KENYA NUTRITIONISTS AND DIETECIANS

INSITUTE (KNDI). Online indexing can be done following the link

https://osp.kndi.institute/#/

LIST OF TEXT BOOKS FOR NUTRITION CLASSES.

- 1. Fundamentals of foods, nutrition and diet therapy. Mudhambi R. Sumati
- 2. Nutrition science B. Srilakshmi
- 3. Foods & nutrition Anita Tull
- 4. The technology of food preservation- Desrosier Norman W.
- 5. Modern Food microbiology Jay James
- 6. Food Science- Potter N. Norman
- 7. Nutrition Science B. Srilakshmi
- 8. Nutrition through the life cycle-Brown. Wadsworth Cengage leaning
- 9. Dietary reference intakes for Thiamin, Riboflavin, Niacin, National Academics







1. HOMECARE ASSISTANT LEVEL 3, CAREGIVER LEVEL 4, HEALTH CARE SUPPORT LEVEL 5 REQUIREMENTS

Item	Description	Quantity
Scrub Suit	Navy blue	2 sets
Lab Coat	White cotton coat for practical	1
	sessions	
Closed-Toe Nursing	White rubber-soled for safety and	1 pair
Shoes	comfort	
Surgical/Head Cap		2
Face Masks	Reusable or surgical	As needed
Nursing Watch	With a second hand (essential for	1
	monitoring pulse/respiration)	
Nail Clipper		1
Hair Net		1
Clipboard	Useful during ward rounds or clinical visits	1

2. COMMUNITY HEALTH LEVEL 5 AND 6

Item	Description	Quantity
Lab Coat	White cotton coat for practical sessions	2 sets



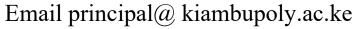






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COMPUTING AND INFORMATICS DEPARTMENT

REQUIREMENT FOR NEW STUDENTS: ALL COURSES

- 1. Laptop (compulsory)
- 2. 64GB Metallic USB-Type C Flash Disk(compulsory)
- 3. Grey colored Workshop/Lab Coat (compulsory)
- 4. Ten A4 Exercise Books
- 5. HB Pencil, Pens & Ruler
- 6. FOUR Figure Mathematical Table (SMP)
- 7. A4 Foolscaps (1 Ream) papers
- 8. Oxford Geometric Set
- 9. Casio FX 100ms Scientific calculator
- 10. Two Spring files
- 11. Packet of Nose Masks















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MECHANICAL, MECHATRONICS AND AUTOMOTIVE ENGINEERING DEPARTMENT

REQUIREMENTS FOR WELDING (gas welding) LEVEL 3

List Of Stationery

- 1. 1 (One) Ream of foolscaps
- 2. Writing materials throughout the course

Workshop Requirements (Compulsory)

- 1. Navy Blue Overall
- 2. Safety Boots (Steel toe-cap leather)
- 3. Tape measure (5m)
- 4. Steel rule
- 5. Welding goggles
- 6. Safety Leather gloves
- 7. Scribers

REQUIREMENTS FOR WELDING (Manual Metal Arc Welding) LEVEL 3 List Of Stationery

- 1. 1 (One) Ream of foolscaps
- 2. Writing materials throughout the course

Workshop Requirements (Compulsory)

- 1. Navy Blue Overall
- 2. Safety Boots (Steel toe-cap leather)
- 3. Tape measure (5m)
- 4. Steel rule
- 5. Welding goggles
- 6. Safety Leather gloves
- 7. Scribers









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REQUIREMENTS FOR MECHANICAL PRODUCTION (Milling & fabrication) **LEVEL4**

List Of Stationery

- 1. 1 (One) Ream of foolscaps
- 2. Writing materials throughout the course

Workshop Requirements (Compulsory)

- 1. Navy Blue Overall
- 2. Safety Boots (Steel toe-cap leather)
- 3. Tape measure (5m)
- 4. Steel rule
- 5. Welding goggles
- 6. Safety Leather gloves
- 7. Scribers

REQUIREMENTS FOR WELDING (Manual Metal Arc Welding and gas Metal Arc welding) LEVEL 4

List Of Stationery

- 1. 1 (One) Ream of foolscaps
- 2. Writing materials throughout the course

WORKSHOP REQUIREMENTS (COMPULSORY)

- 1. Navy Blue Overall
- 2. Safety Boots (Steel toe-cap leather)
- 3. Tape measure (5m)
- 4. Steel rule
- 5. Welding goggles
- 6. Safety Leather gloves
- 7. Scribers









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REQUIREMENTS FOR WELDING (Oxy-Acetylene gas welding and gas metal arc welding) LEVEL 4

LIST OF STATIONERY

- 1. 1 (One) Ream of foolscaps
- 2. Writing materials throughout the course

WORKSHOP REQUIREMENTS (COMPULSORY)

- 1. Navy Blue Overall
- 2. Safety Boots (Steel toe-cap leather)
- 3. Tape measure (5m)
- 4. Steel rule
- 5. Welding goggles
- 6. Safety Leather gloves
- 7. Scribers

MECHANICAL TECHNOLOGY (PRODUCTION) OPTION REQUIREMENTS LEVEL5

LIST OF STATIONERY

- 1. 1 (One) Ream of foolscaps
- 2. Writing materials throughout the course
- 3. Scientific calculator- FX82ES
- 4. S.M.P Mathematical Tables

TECHNICAL DRAWING REQUIREMENTS

- 1. Tee Square fitting to the drawing board
- 2. $200 \text{mm} 45^{\circ}$ clear plastic set square
- 3. $250 \text{mm} 30^0$ and 60^0 clear plastic set square
- 4. 150mm Clear transparent plastic protractor
- 5. Plastic ruler, 2H, H and HB Pencil eraser and Sharpener
- 6. Engineering drawing set box
- 7. A3 Drawing Book









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WORKSHOP REQUIREMENTS (COMPULSORY)

- 1. Navy Blue Overall
- 2. Safety Boots (Steel toe-cap leather)
- 3. Tape measure (5m)
- 4. Steel rule
- 5. Welding goggles
- 6. Safety Leather gloves
- 7. Scribers

REQUIREMENTS FOR MECHANICAL TECHNOLOGY (PRODUCTION) LEVEL 6

- 1. 1 (One) Ream of Photocopying Papers
- 2. Writing materials throughout the course
- 3. Scientific calculator- FX82ES
- 4. S.M.P Mathematical Tables

Technical Drawing Requirements

- 1. Tee Square fitting to the drawing board
- 2. 200mm 45⁰ clear plastic set square
- 3. $250 \text{mm} 30^0$ and 60^0 clear plastic set square
- 4. 150mm Clear transparent plastic protractor
- 5. Plastic ruler, 2H and HB Pencil eraser and Sharpener
- 6. Engineering drawing set box
- 7. A3 Drawing Book

Workshop Requirements(Compulsory)

- 1. Navy Blue Overall
- 2. Safety Boots (Steel toe-cap leather)
- 3. Tape measure (5m)
- 4. Steel rule
- 5. Welding goggles









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- 6. Safety Leather gloves
- 7. Scribers









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AUTOMOTIVE TECHNOLOGY SECTION

REQUIREMENTS FOR MOTOR CYCLE MECHANIC LEVEL 3

Stationery

- 1. **1** (One) Ream of foolscaps
- 2. Writing materials throughout the course

Workshop Requirements

- 1. Safety Boots (Steel toe-cap leather)
- 2. Navy blue overall
- 3. Cut Resistant Safety Gloves (PU coated)
- 4. Clear Safety Goggles
- 5. Dust Mask with Filter (Blue triangle)

N/B: Students are encouraged to have a laptop or tablet/Smartphone

REQUIREMENTS FOR MOTOR CYCLE MECHANIC LEVEL 4

Stationery

- 1. 1 (One) Ream of foolscaps
- 2. Writing materials throughout the course

Workshop Requirements

- 1. Safety Boots (Steel toe-cap leather)
- 2. Navy blue overall
- 3. Cut Resistant Safety Gloves (PU coated)
- 4. Clear Safety Goggles
- 5. Dust Mask with Filter (Blue triangle)

N/B: Students are encouraged to have a laptop or tablet/Smartphone

REQUIREMENTS FOR AUTOMOTIVE LEVEL 3

Stationery

- 1. 1 (One) Ream of foolscaps
- 2. Writing materials throughout the course

Workshop Requirements

- 1. Safety Boots (Steel toe-cap leather)
- 2. Navy blue overall
- 3. Cut Resistant Safety Gloves (PU coated)









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- 4. Clear Safety Goggles
- 5. Dust Mask with Filter (Blue triangle)

REQUIREMENTS FOR AUTOMOTIVE TECHNOLOGY LEVEL 4

Stationery

- 1. 1 (One) Ream of foolscaps
- 2. Writing materials throughout the course

Workshop Requirements

- 3. Safety Boots (Steel toe-cap leather)
- 4. Navy blue overall
- 5. Cut Resistant Safety Gloves (PU coated)
- 6. Clear Safety Goggles
- 7. Dust Mask with Filter (Blue triangle)

N/B: Students are encouraged to have a laptop or tablet/Smartphone

REQUIREMENTS FOR AUTOMOTIVE TECHNOLOGY LEVEL 5

Stationery

- 1. 1 (One) Ream of foolscaps
- 2. Writing materials throughout the course
- 3. Scientific calculator- FX82ES Plus
- 4. S.M.P Mathematical Tables

Technical Drawing Requirements

- 1. An A2 Size Drawing Board
- 2. Tee Square fitting to the drawing board
- 3. 200mm 450 clear plastic set square
- 4. 250mm 300 and 600 clear plastic set square
- 5. 150mm Clear transparent plastic protractor
- 6. Plastic ruler, 2H, H and HB Pencil eraser and Sharpener
- 7. Engineering drawing set box
- 8. A3 Drawing Book









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Workshop Requirements

- 1. Safety Boots (Steel toe-cap leather)
- 2. Navy blue overall
- 3. Cut Resistant Safety Gloves (PU coated)
- 4. Clear Safety Goggles
- 5. Dust Mask with Filter (Blue triangle)

N/B: Students are encouraged to have a laptop or tablet/Smartphone

REQUIREMENTS FOR AUTOMOTIVE TECHNOLOGY LEVEL 6

List Of Stationery

- 1. 1 (One) Ream of photocopying papers
- 2. Writing materials throughout the course
- 3. Scientific calculator- Casio FX82ES Plus
- 4. S.M.P Mathematical Tables

Technical Drawing Requirements

- 1. An A2 Size drawing Board
- 2. Tee Square fitting to the drawing board
- 3. $200 \text{mm} 45^{\circ}$ clear plastic set square
- 4. $250 \text{mm} 30^{\circ}$ and 60° clear plastic set square
- 5. 150mm Clear transparent plastic protractor
- 6. Plastic ruler, 2H and HB Pencil eraser and Sharpener
- 7. Engineering drawing set box
- 8. A3 Drawing Book

Workshop Requirements

- 1. Safety Boots (Steel toe-cap leather)
- 2. Navy blue overall









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- **3.** Cut Resistant Safety Gloves (PU coated)
- **4.** Clear Safety Goggles
- 5. Dust Mask with Filter (Blue triangle)

N/B: Students are encouraged to have a laptop or tablet/Smartphone

WELDING AND FABRICATION TECHNOLOGY SECTION

REQUIREMENTS FOR WELDING AND FABRICATION TECHNOLOGY LEVEL 5

List Of Stationery

- 1. 1 (One) Ream of foolscaps
- 2. Writing materials throughout the course
- 3. Scientific calculator- Casio FX-82ES Plus
- 4. S.M.P Mathematical Tables

Technical Drawing Requirements

- 1) An A2 Size Drawing Board
- 2) Tee Square fitting to the drawing board
- 3) 200mm 450 clear plastic set square
- 4) 250mm 300 and 600 clear plastic set square
- 5) 150mm Clear transparent plastic protractor
- 6) Plastic ruler, 2H, H and HB Pencil eraser and Sharpener
- 7) Engineering drawing set box

Workshop Requirements(Compulsory)

- 1. Navy Blue Overall
- 2. Safety Boots (Steel toe-cap leather)
- 3. Tape measure (5m)
- 4. Steel rule
- 5. Welding goggles
- 6. Safety Leather gloves
- 7. Scribers









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REQUIREMENTS FOR WELDING AND FABRICATION TECHNOLOGY LEVEL 6

List Of Stationery

- 1) 1 (One) Ream of photocopying papers
- 2) Writing materials throughout the course
- 3) Scientific calculator- Casio FX-82ES Plus
- 4) S.M.P Mathematical Tables

Technical Drawing Requirements

- 1) An A2 Size Drawing Board
- 2) Tee Square fitting to the drawing board
- 3) 200mm 450 clear plastic set square
- 4) 250mm 300 and 600 clear plastic set square
- 5) 150mm Clear transparent plastic protractor
- 6) Plastic ruler, 2H and HB Pencil eraser and Sharpener
- 7) Engineering drawing set box
- 8) A3 Drawing Book

Workshop Requirements(Compulsory)

- 1. Safety Boots (Steel toe-cap leather)
- 2. Navy Blue Overall
- 3. Tape measure (5m)
- 4. Steel rule
- 5. Welding goggles
- 6. Safety Leather gloves
- 7. Scribers









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REQUIREMENTS FOR INDUSTRIAL MECHATRONICS TECHNOLOGY LEVEL 6

Stationery

- 1. S.M.P Mathematical Tables
- 2. Scientific Calculator Casio FX-82ES Plus
- 3. 1 (One) Ream of foolscaps
- 4. Writing materials throughout the course
- 5. Oxford geometrical set

Occupational Health And Safety (Osh)-Compulsory

- 1. Overall Cotton, Navy Blue in Color.
- 2. Coated fabric workshop safety gloves
- 3. Safety Boots (Steel toe-cap leather)
- 4. Workshop safety goggles
- 5. Tape measure (5m)
- 6. Scriber
- 7. Steel rule
- 8. Set of screwdrivers
- 9. AC Tester
- 10. Pliers

LAPTOP

NB: Every student must have a laptop on reporting;

Recommended minimum specs; Intel core i5, 2GHZ, 8GB RAM, 512GB MEMORY









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REQUIREMENTS FOR MECHATRONICS TECHNOLOGY LEVEL 5

A. Stationery

- 1. S.M.P Mathematical Tables
- 2. Scientific Calculator Casio FX-82ES Plus
- 3. 1 (One) Ream of foolscaps
- 4. Writing materials throughout the course
- 5. Oxford geometrical set

B. Occupational Health And Safety (Osh)-Compulsory

- 1. Overall Cotton, Navy Blue in Color.
- 2. Coated fabric workshop safety gloves
- 3. Safety Boots (Steel toe-cap leather)
- 4. Workshop safety goggles
- 5. Tape measure (5m)
- 6. Steel rule
- 7. Set of screwdrivers
- 8. AC Tester
- 9. Pliers

C. LAPTOP

NB: Every student must have a laptop on reporting;

Recommended minimum specs; Intel core i5, 2GHZ, 8GB RAM, 512GB MEMORY









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REQUIREMENTS FOR REFRIGERATION AND AIR CONDITIONING LEVEL 4

Stationery

- 1. 1 (One) Ream of foolscaps
- 2. Writing materials throughout the course

Workshop Requirements

- 1. Safety Boots (Steel toe-cap leather)
- 2. Navy blue overall
- 3. Cut Resistant Safety Gloves (PU coated)
- 4. Clear Safety Goggles
- 5. Dust Mask with Filter (Blue triangle)









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