



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. 6200.00

- 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 KIST 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.
- A copy of KIST 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) Cooperative Bank Pay Bill. Go to “*Lipa na Mpesa*”, Select “*Pay Bill*”, Enter Business number “4108221”, Enter Account Number (Admission number/student name e.g., **ABT-2009-06/Mustapha Ali**), Enter Amount, Enter MPESA PIN, Confirm transaction.
- c) KCB Bank Account No. **1217852204**; Account Name: Kiambu Institute of Science and Technology
- d) KCB Bank Pay Bill. Go to “*Lipa na Mpesa*”, Select “*Pay Bill*”, Enter Business number “700076”, Enter Account Number (Admission number/student name e.g., **ABT-2009-06/Mustapha Ali**), Enter Amount, Enter MPESA PIN, Confirm transaction.

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



Kiambu **Institute**
of
Science
and
Technology



Registered under the TVET Act
P. O. Box 414-00900
Kiambu, Kenya

Tel: 020 3522550, 0734 207663, 0727807713; Email: principal@kist.ac.ke

HOSPITALITY DEPARTMENT

COURSE REQUIREMENTS FOR

- a) CERTIFICATE IN FOOD AND BEVERAGE**

- b) DIPLOMA IN FOOD AND BEVERAGE**

- c) CERTIFICATE IN CATERING AND ACCOMMODATION**

- d) DIPLOMA IN CATERING AND ACCOMMODATION**

1. Public Health Food Handlers Certificate-Compulsory

2. Kitchen Uniform - (Required for both Food & Beverage and Catering & Accommodation students)

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



KIST
ISO 9001:2015 Certified



Science and Technology for Self Reliance
KASNEB Accredited



ICDL Accredited

- 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 Food & Beverage and Catering & Accommodation 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 **Catering and Accommodation** students)

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





NB: Housekeeping uniform is required in 1st year for Diploma students and in 2nd year for Certificate students.

***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.



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

1. 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
3. Food and Beverage Service by John Cousins, Dennis Lillicrap & Suzanne Weekes

Additional books for Catering and Accommodation students

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

NB: DIPLOMAS STUDENTS ONLY: Checked cotton table linen as per attached

sample 1 ½ m x 1 ½ m

Potato peeler

ADMISSION REQUIREMENTS FOR CLOTHING TECHNOLOGY

ITEMS TO BE BROUGHT BY DIPLOMA & CERTIFICATE IN CLOTHING

TECHNOLOGY 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 (½” 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.

TEXTBOOK

- 1 Pattern Drafting - Metric Pattern cutting by Winfred Aldrich 5th Edition for Women
- 1 Pattern Drafting - Metric Pattern cutting by Winfred Aldrich 4th Edition for Men
- 1 Pattern Drafting - Metric Pattern cutting by Winfred Aldrich 4th Edition for Children



APPLIED SCIENCES DEPARTMENT

COURSE REQUIREMENTS FOR DIPLOMA IN ANALYTICAL CHEMISTRY

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

COURSE REQUIREMENTS FOR DIPLOMA/CERTIFICATE IN GENERAL AGRICULTURE

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

1. Technical Drawing Equipment

- (i) 1 × 45/45 set square (mini size 150mm)
- (ii) 1 × 60/30 set square (mini size 150mm)
- (iii) 1 × Protractor 360 (150mm)
- (iv) A Pair of Compass (150mm)
- (v) 1 × 30 cm scale Rule
- (vi) 1 × T-square (A2 Size)
- (vii) 2 × HB Pencils
- (viii) 2 × 2H Pencil
- (ix) 1 × 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. Farm equipment, machinery, structures and buildings by L. Anyanzo

6. Comprehensive Agriculture – F1 – F4 by P. Nkurunziza (Any one title)

7. 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 DIPLOMA IN ENVIRONMENTAL SCIENCE

- 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)

COURSE REQUIREMENTS FOR DIPLOMA IN APPLIED STATISTICS

- i) Higher Engineering Mathematics by John Bird (6th Edition)
- ii) Statistics by S.P. Gupta.
- iii) Modern Economics by Mundida
- iv) White Laboratory Coat (compulsory)

COURSE REQUIREMENTS FOR DIPLOMA IN APPLIED BIOLOGY

- 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) 1× Protractor 360 (150mm)
- 6) 1× Pair of Compass (150mm)
- 7) 1× 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.

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

COURSE REQUIREMENTS FOR CERTIFICATE IN SCIENCE LABORATORY

- 1) White lab coat (compulsory)
- 2) Biological Sciences by Taylor Stout and Green
- 3) Protective eye goggles
- 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





Tel: 020 3522550, 0734 207663, 0727807713; Email: principal@kist.ac.ke

BUILDING AND CIVIL ENGINEERING DEPARTMENT

**(A) REQUIREMENTS FOR CRAFT CERTIFICATE IN BUILDING
TECHNOLOGY, CRAFT CERTIFICATE IN PLUMBING AND
ARTISAN IN PLUMBING**

Stationery

- i. A4 Ruled papers
- ii. A4 size folders or files
- iii. Pencil (HB: 2 in number, 2H: 2 in number)
- iv. A4 Exercise books (120 pages, 8 books)

Drawing Equipment

- i. 300 mm ruler
- ii. 300mm size folders files
- iii. Set square 45° and 60° (size 150 mm)
- iv. Compass (Size 150mm)
- v. T-Square (A2size)

Miscellaneous

- i. Scientific calculator
- ii. Overall – Grey in colour
- iii. Unisex Rocklander Safety Boots
- iv. Safety First Safety Helmets for Factory, Industries, Construction Sites



RECOMMENDED TEXTBOOKS FOR CRAFT CERTIFICATE IN BUILDING TECHNOLOGY

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

RECOMMENDED TEXTBOOKS FOR CERTIFICATE IN PLUMBING

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

(B) COURSE REQUIREMENTS TOOLS FOR CERTIFICATE IN BUILDING TECHNOLOGY

- i. Masonry Hammer 1No.
- ii. Mason Square 1No.
- iii. Building Trowel 1No.
- iv. Cold Chisel 1No.
- v. Tape Measure (steal) 3m 1No.
- vi. Line (String) 1No.
- vii. Plumbing Bob 1No.
- viii. Spirit Level (600mm) 1No.

COURSE REQUIREMENTS TOOLS FOR CERTIFICATE IN CERTIFICATE IN PLUMBING

- i. Tape measure (3m) 1 No.
- ii. Spirit level (40cm) 1 No.
- iii. Hacksaw flame 1 No.
- iv. Pipe Wrench 1 No.
- v. Adjustable Spanner 1 No.
- vi. Combination Pliers 1 No.



- vii. Screw Driver 1 No.
- viii. Ball Pain Hammer 1 No.
- ix. Tin Snips 1 No.
- x. Wooden Mallet (for sheet metal work) 1 No.
- xi. Cold Chisel (6') 1 No.
- xii. Flat File 1 No.
- xiii. Round File 1 No.
- xiv. Empty metal tool box (with padlock and keys) 1 No.

COURSE REQUIREMENTS FOR DIPLOMA IN ARCHITECTURE

Subject Cluster Combination

C- (Minus) Mean score: C Plain in Cluster Subjects i.e., Mathematics, English, Physics/Physical Science

EQUIPMENT AND STATIONERY (COMPULSORY)

STATIONERY

- i. A4 Ruled foolscaps
- ii. A4 Graph papers
- iii. A4 Size folders or files
- iv. Chain surveying field book
- v. Leveling sheets
- vi. Staedtler pencils (6B, 4B, 2B, HB, SH, 4H)
- vii. A4 Exercise books (120 pages, 15 books)

DRAWING EQUIPMENTS

- i. 300 Ruler
- ii. Protractor, 180o or 360o (minimum size 150mm)
- iii. Set square 45o and 60o (minimum size 150mm)
- iv. Adjustable Compasses (150mm)
- v. Wooden T-square (A2 Size)



- vi. Cutter knife 1 No.
- vii. Steel edge 1 No.

OTHERS

- i. F x 570 or 991 Scientific calculator
- ii. Overcoat (for lab and workshop use)

COURSE REQUIREMENTS FOR DIPLOMA IN BUILDING TECHNOLOGY/ DIPLOMA IN CIVIL ENGINEERING/ DIPLOMA IN QUANTITY SURVEYING

Subject Cluster Combination

C- (Minus) Mean score: C- (Minus) in Mathematics, C- (Minus) in English, C- (Minus) in Physics and Chemistry or Physical Science

STATIONERY

- i. A4 Rules papers
- ii. A4 Graph papers
- iii. A4 Size folders or files
- iv. A4 Exercise books (120 pages, 15 books)

DRAWING EQUIPMENTS

- i. 30cm ruler
- ii. Set Square 45° and 60° (minimum size 150 mm)
- iii. Adjustable Compasses (150 mm)
- iv. Wooden T. Square (A2 size)

OTHERS

- i. FX570 or 991 Scientific Calculator
- ii. Overcoat (for lab and workshop use) – Grey in colour. Required in the 2nd year.



BOOKS RECOMMENDED FOR:

DIPLOMA IN BUILDING TECHNOLOGY, CIVIL ENGINEERING AND QUANTITY SURVEYING

A. MATHEMATICS

- i. Engineering Mathematics by Stroud
- ii. Technician Mathematics Level 4 & 5 by Bird, J.O
- iii. S.M.P. Mathematics Table $\sqrt{\quad}$

B. STRUCTURES

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

C. SURVEYING

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

D. CONCRETE TECHNOLOGY

Any one of these two

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

F. BUILDING CONSTRUCTION

- i. Building technology by I.H. SEELEY
- ii. Construction technology handbook R. Chudley & Greeno

Any one of these two

N.B Low priced editions (E.L.B.S) etc. are available on most book titles.



ELECTRICAL AND ELECTRONICS ENGINEERING
DEPARTMENT

COURSE REQUIREMENTS FOR:

**DIPLOMA IN ELECTRICAL AND ELECTRONICS (POWER,
TELECOMMUNICATION, INSTRUMENTATION)**

**CERTIFICATE IN ELECTRICAL AND ELECTRONICS (POWER,
TELECOMMUNICATION, INSTRUMENTATION)**

ARTISAN IN ELECTRICAL INSTALLATION

A. DRAWING INSTRUMENTS AND STATIONERY

1. Complete set of drawing instruments
2. 1 No. T-square
3. 2. HB pencils (staedler)
4. 2No. 2H pencils (staedler)
5. 1 No. Ream of ruled papers(foolscaps)
6. 1 No. 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. 1 No. Masking tape (3/4 inch)

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

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)



BAKING TECHNOLOGY DEPARTMENT

REQUIREMENTS FOR DIPLOMA IN BAKING TECHNOLOGY, CERTIFICATE IN BAKING TECHNOLOGY AND ARTISAN IN BAKING TECHNOLOGY

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)



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



9. One calibrated measuring jug (one litre)
scraper



10. Metal scraper 11. One plastic scraper



12. One palette knife



13. One bread knife (serrated knife)



14. Two knives (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
mwiko)

- Leaf nozzle - Rose (medium and small)



19. One Wooden spatula (Big



20. Rolling stick



21. One soft Hand broom



22. One pair of scissors



KIST
ISO 9001:2015 Certified



Science and Technology for Self Reliance
KASNEB Accredited



ICDL Accredited

23. One LARGE plastic Sieve and one set



24 2 sets of cookie cutters (one set **round**, any other shape).



25. Four (4) round metallic cutters with 2 of 6 cm and 2 of 8cm 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 learning
6. Dietary reference intakes for Thiamin, Riboflavin, Niacin,-National Academics press



REQUIREMENTS FOR DIPLOMA/CERTIFICATE 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/Kiswahiliand
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
- iv. One pair of low closed black shoes

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 learning
9. Dietary reference intakes for Thiamin, Riboflavin, Niacin,-National Academics



Kiambu **Institute**
of
Science
and
Technology



Registered under the TVET Act
P. O. Box 414-00900
Kiambu, Kenya

Tel: 020 3522550, 0734 207663, 0727807713; Email: principal@kist.ac.ke

BUSINESS AND ENTREPRENEURSHIP DEPARTMENT

REQUIREMENTS FOR NEW STUDENTS: - DIPLOMA IN ALL BUSINESS 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 - DIPLOMA IN GUIDANCE AND COUNSELLING

The students must be prepared to do 10 personal therapy sessions



KIST
ISO 9001:2015 Certified



Science and Technology for Self Reliance
KASNEB Accredited



ICDL Accredited

Kiambu **Institute**
of
Science
and
Technology



Registered under the TVET Act
P. O. Box 414-00900
Kiambu, Kenya

Tel: 020 3522550, 0734 207663, 0727807713; Email: principal@kist.ac.ke

ICT & COMPUTER STUDIES DEPARTMENT

REQUIREMENT FOR NEW STUDENTS: DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY/CERTIFICATE IN INFORMATION TECHNOLOGY

1. Recommended to have a good smartphone or laptop (not compulsory)
2. Seven A4 Exercise Books
3. HB Pencil, Pens & Ruler
4. FOUR Figure Mathematical Table (SMP)
5. A4 Foolscaps (1 Ream) papers
6. One ream photocopying papers.
7. Oxford Geometric Set
8. Casio FX 100ms Scientific calculator
9. Two Spring files



KIST
ISO 9001:2015 Certified



Science and Technology for Self Reliance
KASNEB Accredited



ICDL Accredited

MECHANICAL ENGINEERING DEPARTMENT

MECHANICAL ENGINEERING PRODUCTION OPTION

REQUIREMENTS FOR CERTIFICATE IN MECHANICAL ENGINEERING LIST OF STATIONERY

1. 1 (One) Ream of foolscaps
2. 1 (One) Spring file
3. Writing materials throughout the course

BOOKS

1. Production Technology by R. K Jain
2. Mathematics for craft engineering students by Kamau & Uppal
3. Applied Science by R. C Stephens.
3. Strength of materials by R. C Stephens.
4. Mechanics of Machine by R. C Stephens. 6 Technician Mathematics by J.O Bird BK I, II & III
5. Geometric and Engineering Drawing by K.Morling
6. Scientific calculator- FX82MS

TECHNICAL DRAWING REQUIREMENTS

1. Tee Square fitting to the drawing board
2. 200mm 45⁰ clear plastic set square
3. 250mm 30⁰ and 60⁰ 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

WORKSHOP REQUIREMENTS

1. Navy Blue Dust coat/Overall
2. Closed leather shoes

MECHANICAL ENGINEERING PRODUCTION OPTION

REQUIREMENTS FOR DIPLOMA IN MECHANICAL ENGINEERING - PRODUCTION OPTION LIST OF STATIONERY

1. 1 (One) Ream of foolscaps
2. 1 (One) Spring file
3. Writing materials throughout the course

BOOKS

Production Technology by R. K Jain.

- 1 Applied mathematics by Stroud-Year 1
- 2 Theory of Machines by R.S khurmi & J.K Gupta – Year II
- 3 Applied thermodynamics for engineering technologist by T.D East and A.Mcconkey
- 4 Geometric and Engineering Drawing by K. Morling
- 5 Fluid mechanics Volume 1 and II by J.F Douglas – Year III
- 6 Scientific calculator- FX82MS

TECHNICAL DRAWING REQUIREMENTS

1. Tee Square fitting to the drawing board
2. 200mm 45⁰ clear plastic set square
3. 250mm 30⁰ and 60⁰ 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

1. Navy Blue Dust coat/Overall
2. Closed leather shoes

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

AUTOMOTIVE ENGINEERING SECTION

REQUIREMENTS FOR CERTIFICATE IN AUTOMOTIVE ENGINEERING

LIST OF STATIONERY

1. 1 (One) Ream of photocopying papers
2. 1 (One) Spring file
3. Writing materials throughout the course
4. Scientific calculator

BOOKS

1. Automotive training course book 1 by George K. Minyaru & Jeff N. Kariuki – ICT Wise Bookshop Kiambu Town, opposite Kiambu market
2. Automotive training course book 2 by George K. Minyaru & Jeff N. Kariuki – ICT Wise Bookshop Kiambu Town, opposite Kiambu market
3. Mathematics for craft engineering students by Kamau &Uppal
4. Technician Mathematics by J.O Bird BK I, II AND III
5. Geometric and Engineering Drawing by K.Morling

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

WORKSHOP REQUIREMENTS

1. Navy Blue Dust coat/Overall
2. Closed leather shoes

N/B

Students are encouraged to have a laptop or tablet/Smartphone

AUTOMOTIVE ENGINEERING SECTION

REQUIREMENTS FOR DIPLOMA IN AUTOMOTIVE ENGINEERING

LIST OF STATIONERY

1. 1 (One) Ream of photocopying papers
2. 1 (One) Spring file
3. Writing materials throughout the course
4. Scientific calculator

BOOKS

1. Automotive training course book 1 by George K. Minyaru & Jeff N. Kariuki – ICT Wise Bookshop Kiambu Town, opposite Kiambu market
2. Automotive training course book 2 by George K. Minyaru & Jeff N. Kariuki – ICT Wise Bookshop Kiambu Town, opposite Kiambu market
3. Applied mathematics by Stroud-Year 1
4. Theory of Machines by R.S khurmi & J.K Gupta – Year II
5. Applied thermodynamics for engineering technologist by T.D East and A.Mcconkey
6. Geometric and Engineering Drawing by K. Morling
7. Fluid mechanics Volume 1 and II by J.F Douglas – Year III

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

1. Navy Blue Dust coat/Overall
2. Closed leather shoes

N/B

Students are encouraged to have a laptop or tablet/Smartphone

WELDING AND FABRICATION ENGINEERING SECTION

REQUIREMENTS FOR CERTIFICATE/ARTISAN IN WELDING AND FABRICATION ENGINEERING

LIST OF STATIONERY

1. 1 (One) Ream of photocopying papers
2. 1 (One) Spring file
3. Writing materials throughout the course

BOOKS

- 1 The Motivate series, Practical Welding, Moran Publishers, by Stuart Gibson
- 2 Welding Fundamentals, 5th Ed., by William, Kevin, Mark Bowditch
- 3 Mathematics for craft engineering students by Kamau &Uppal
- 4 Technician Mathematics by J.O Bird BK I, II AND III
- 5 Geometric and Engineering Drawing by K.Morling
- 6 Scientific calculator



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

1. Navy Blue Dust coat/Overall
2. Closed leather shoes

N/B

Students are encouraged to have a laptop or tablet/Smartphone

WELDING AND FABRICATION ENGINEERING SECTION

REQUIREMENTS FOR DIPLOMA IN WELDING AND FABRICATION ENGINEERING

LIST OF STATIONERY

5. 1 (One) Ream of photocopying papers
6. 1 (One) Spring file
7. Writing materials throughout the course

BOOKS

1. The Motivate series, Practical Welding, Moran Publishers, by Stuart Gibson
2. Welding Fundamentals, 5th Ed., by William, Kevin, Mark Bowditch
3. Applied mathematics by Stroud-Year 1
4. Theory of Machines by R.S Khurmi & J.K Gupta – Year II



5. Applied thermodynamics for engineering technologist by T.D East and A.Mcconkey
6. Geometric and Engineering Drawing by K. Morling
7. Fluid mechanics Volume 1 and II by J.F Douglas – Year III
8. Scientific calculator

TECHNICAL DRAWING REQUIREMENTS

9. An A2 Size Drawing Board
10. Tee Square fitting to the drawing board
11. 200mm 45⁰ clear plastic set square
12. 250mm 30⁰ and 60⁰ clear plastic set square
13. 150mm Clear transparent plastic protractor
14. Plastic ruler, 2H and HB Pencil eraser and Sharpener
15. Engineering drawing set box

16. A3 Drawing Book

WORKSHOP REQUIREMENTS

3. Navy Blue Dust coat/Overall
4. Closed leather shoes

N/B

Students are encouraged to have a laptop or tablet/Smartphone





KIST COE: INDUSTRIAL MECHATRONICS

REQUIREMENTS FOR INDUSTRIAL MECHATRONICS LEVEL 6

A) BOOKS

- Engineering Mathematics by Stroud
- S.M.P Mathematical Tables
- Metalwork by George Love.

B) ENGINEERING AND COMPUTER AIDED DRAWING (CAD)

- Drawing set and T-Square
- Oxford geometrical set
- A3 drawing book
- Isometric grid book

C) OCCUPATIONAL HEALTH AND SAFETY (OSH)

- Overall and Dustcoat – Cotton, Navy Blue in Color.
- Coated fabric workshop gloves
- Workshop safety boots
- Workshop safety goggles
- Safety cap (hat)

D) STATIONERY

- H, HB, and B pencils (Staedtler)
- I No. Eraser
- Size A4 Exercise books (8)
- 3No. Spring files, 3 A4 Size folders
- Fx570 or 991 Scientific Calculator

E) LAPTOP

Every student must have a laptop on reporting;

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

