

THE NYANDARUA NATIONAL POLYTECHNIC

MECHANICAL ENGINEERING DEPARTMENT

AUTOMOTIVE ENGINEERING COURSE REQUIREMENTS

- ✓ Tee square
- ✓ Drawing board
- ✓ Set squares 60, 30° and 45°
- ✓ Engineering drawing set
- ✓ Workshop safety boots
- ✓ Overall/ dustcoat (Navy blue in colour)
- ✓ Scientific calculator
- ✓ Own writing materials
- ✓ Ream of foolscaps / printing papers
- ✓ Pencils HB and 2H

WORKSHOP TOOLS

- ✓ Plier
- ✓ Standard size Screw drivers (flat and star)
- ✓ Set of combined spanners (chrome vanadium)
- ✓ Set of Allen key(spanner)
- ✓ Ball-pein Hammer (250 grammes or 500 grammes)
- ✓ Tape measure (5M)

TEXTBOOKS

- AUTOMOTIVE ARTISANS TRAINING COURSE (BOOK 1) by George K. Minyaru
(APPROVED BY TVETA)

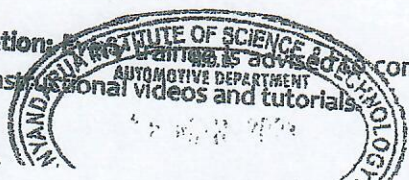
AGRICULTURAL/MECHANICAL ENGINEERING COURSE REQUIREMENTS

- ✓ Tee square
- ✓ Drawing board
- ✓ Set squares 60, 30° and 45°
- ✓ Engineering drawing set
- ✓ Workshop safety boots
- ✓ Overall/ dustcoat (Navy blue in colour)
- ✓ Scientific calculator
- ✓ Own writing materials
- ✓ Ream of foolscaps / printing papers
- ✓ Pencils HB and 2H

AGRICULTURAL ENGINEERING WORKSHOP TOOLS

- ✓ Plier
- ✓ Standard size Screw drivers (flat and star)
- ✓ Set of combined spanners (chrome vanadium)
- ✓ Set of Allen key(spanner)
- ✓ Ball-pein Hammer (250 grammes or 500 grammes)
- ✓ Tape measure (5M)

Recommendation: Students are advised to come with an android phone or laptop for e-books, notes, assignment, instructional videos and tutorials.



AGRICULTURE DEPARTMENT

AGRICULTURE REQUIREMENTS

- Overall dust coat
- Fork jembe
- Gumboots
- Tee square
- Drawing board
- Sets square 60°/30° and 45°
- Engineering drawing set
- Workshop safety boots
- Overall/ dust coat (navy blue in colour)
- Own writing materials
- Printing papers/ ream of foolscaps
- Scientific calculator

LIST OF BOOKS

- Longhorn secondary Agriculture (Book 1 - 4)
- Brandy, N.C. Nature and Properties of Soil by macmillan publishers
- Wild, A. 1993. Soils and environment – an introduction by Cambridge University Press
- Fram machinery books

N. KANYI

HOD AGRICULTURE DEPT

BUILDING AND CIVIL ENGINEERING DEPARTMENT

DIPLOMA IN BUILDING/CIVIL/ARCHITECTURE REQUIREMENTS

Books

- Standard methods of measurement for building work- (SMM) & CESMM for Civil Engineering works.
- Strength of Materials by Khurmi
- Building construction by Dr Pumia or Building construction Hand Book by Chudley.

Drawing equipments

- Tee square
- 60°/30° and 45° set square.
- Scale ruler
- Engineers drawing set
- Scientific calculator (preferably casio 100ms)
- Staedler pencils –HB(2) and 2H(2)
- Writing materials
- Overall/dust coat (navy blue in colour).
- One ream of printing/photocopy papers.
- Drawing Board

ARTISAN/CRAFT IN PLUMBING, CERTIFICATE IN BUILDING TECHNOLOGY

Text Books

Building services & Equipments by Hall Vol. 1 -2 & 3

Plumbing by Al Townsend vol. 1&2

Plumbing & heating by F.Hall

Books for masonary craft

Brick work by WC Nash

Drawing equipments

- Tee square
- 60°/30° and 45° set square or adjustable ser square
- Scale rule
- Engineers drawing set
- Scientific calculator (preferably Casio 100ms)
- Staedler pencils –HB(2) and 2H(2)
- Tape measure 5m long.
- Overall /Dust coat (navy blue in colour).
- Leather shoes
- One ream of printing/photocopy papers.
- Writing materials.

NB The following are available in college

- a) Drawing board @ ksh 1700
- b) T- Square @ 350

13 APR 2022


MR STEPHEN KARANJA
HOD BUILDING

13TH/APRIL/2022.
DATE

BUSINESS STUDIES DEPARTMENT

BASIC REQUIREMENTS FOR ALL THE COURSES

- One ream of foolscap.
- One ream of Printing papers(A4)
- One packet of rewritable CDs.
- Writing materials Size A4 (8) exercise books
- A scientific calculator FX82MS
- Laptop and a smart phone



MWANGI, P.M
HOD BUSINESS STUDIES

HOSPITALITY & INSTITUTIONAL MANAGEMENT DEPARTMENT

CERTIFICATE IN CATERING AND ACCOMODATION

KITCHEN UNIFORM.

LADIES:

- Checked black & white skirt.
- Double breasted white chef's jacket.
- Black closed low heeled leather shoe
- White chef's cap
- White apron
- Red chef scarf
- A pair of oven gloves
- 3 dish cloths
- 2 tea towels

MEN:

- Checked black & white trouser.
- Double breasted white chef's jacket.
- Black closed low healed leather shoe
- White chefs cap
- White apron
- Red chef scarf
- A pair of oven gloves.
- 3 dish cloths
- 2 tea towels

RESTAURANT UNIFORM

LADIES:

- Black straight skirt .
 - A three piece black coat.
 - Long sleeved white shirt
 - Black closed low heeled leather shoes
 - White dust coat
 - Bow tie
- #### MEN:
- Black straight trouser.
 - A three piece black coat.



- Long sleeved white shirt
- Black closed low heeled leather shoes.
- White dust coat.
- Black Bow tie

LINEN TO BE BOUGHT

ITEM DESCRIPTION

- 2pcs Damask table cloth white (60inches*60inches)
- 2pcs Poplin slip cloth (36inches*36inches) color specified on the sample - *Royal blue* provided
- 10 damask table napkins white (damask) 30cm*30cm
- 2pcs waiter's cloth cotton
- 2pcs glass cloths cotton
- 2pcs kitchen cloths
- 2pcs Yellow dusters

White side board liners (Jinja)- 5 Large: 16inches *32inches

6 Small: 16inches *5inches

Tray cloths: 1 rectangle (white) 18inches*12.5inches.

2 Round white jinja (15.5inches)

BOOKS:

- Theory of catering by David Fosket. -Exercise books A4 200 pages (ruled) 1 dozen. One book squared
- Practical cookery by David Fosket - Masking tape 3 pieces
- Food & beverage service by Dennis lillicrap -Office pins 1 pkt
- Food & beverage control by Kotas -Felt pens 4 different colours.
- Record cards (ruled) 1 pkt - Pens (blue and black)
- Small box file
- 1 Ream of foolscaps



THE NYANDARUA NATIONAL POLYTECHNIC
HOSPITALITY & INSTITUTIONAL DEPARTMENT.

FOOD & BEVERAGE SECTION.
LIST OF REQUIREMENTS

CRAFT MODULE 1.

KITCHEN UNIFORM.

LADIES:

- Checked black & white skirt.
- Double breasted white chef's jacket.
- Black closed low heeled leather shoe
- White chef's cap
- White apron
- Red chef scarf
- A pair of oven gloves
- 3 dish cloths
- 2 tea towels

MEN:

- Checked black & white trouser.
- Double breasted white chef's jacket.
- Black closed low heeled leather shoe
- White chefs cap
- White apron
- Red chef scarf
- A pair of oven gloves.
- 3 dish cloths
- 2 tea towels



RESTAURANT UNIFORM CRAFT MODULE 2.

LADIES:

- Black straight skirt.
- A three piece black coat.
- Long sleeved white shirt
- Black closed low heeled leather shoes
- White dust coat.

MEN:

- Black straight trouser.
- A three piece black coat.
- Long sleeved white shirt
- Black closed low heeled leather shoes.
- White dust coat.

LINEN TO BE BOUGHT IN MODULE TWO.

ITEM DESCRIPTION

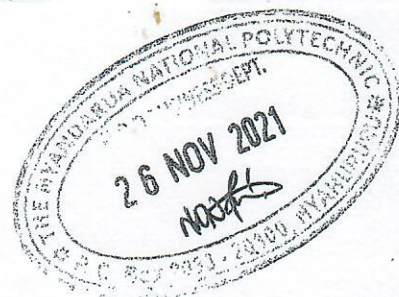
- 2pcs Damask table cloth white (60inches*60inches)
- 2pcs Poplin slip cloth (36inches*36inches) color specified on the sample to - sky blue colour.
- be provided after module 1
- 10 damask table napkins white (damask) 30cm*30cm
- 2pcs waiter's cloth cotton
- 2pcs glass cloths cotton
- 2pcs kitchen cloths
- 2pcs yellow dusters
- White side board liners (Jinja)- 5 Large: 16inches *32inches
- 6 Small: 16inches *5inches

Tray cloths: 1 rectangle (white) 18inches*12.5inches.

2 round white jinja (15.5inches)

BOOKS:

- Theory of catering by David Fosket. -Exercise books A4 200 pages (ruled) 1 dozen. One book squared
- Practical cookery by David Fosket - Masking tape 3 pieces
- Food & beverage service by Dennis lillicrap -Office pins 1 pkt
- Food & beverage control by Kotas -Felt pens 4 different colours
- Record cards (ruled) 1 pkt - Pens (blue and black)
- Small box file
- 1 Ream of foolscaps





NYANDARUA NATIONAL POLYTECHNIC

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APPLIED SCIENCES DEPARTMENT



STUDENTS ADMISSION REQUIREMENTS FOR A DIPLOMA & CRAFT IN FOOD SCIENCE AND PROCESSING TECHNOLOGY.

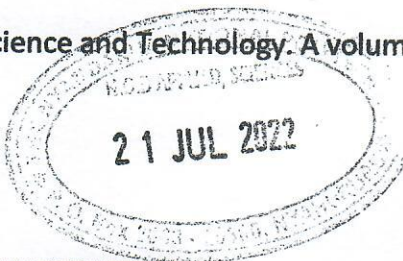
The trainees should have the following basic requirements.

- 1) White laboratory dust coat
- 2) Scientific calculator casio fx-100ms plus.
- 3) Closed leather shoes during practical
- 4) Set of laboratory gloves.
- 5) Laboratory masks/Googles
- 6) Ream of foolscaps
- 7) Ream of printing papers
- 8) PVC chopping boards
- 9) Knives assorted

Text books.

- 1: Introduction to Food Science and Technology. A volume in Food Science and Technology Book • Second Edition

KIMANI MWANGI



HEAD OF APPLIED SCIENCES DEPARTMENT



HOSPITALITY & INSTITUTIONAL MANAGEMENT DEPARTMENT

DIPLOMA IN CATERING AND ACCOMODATION

LIST OF REQUIREMENTS.

KITCHEN UNIFORM.

LADIES:

- Checked black & white skirt.
- Double breasted white chef's jacket.
- Black closed low heeled leather shoe
- White chef's cap
- White apron
- Red chef scarf
- A pair of oven gloves
- 3 dish cloths
- 2 tea towels

MEN:

- Checked black & white trouser.
- Double breasted white chef's jacket.
- Black closed low healed leather shoe
- White chefs cap
- White apron
- Red chef scarf
- A pair of oven gloves.
- 3 dish cloths
- 2 tea towels

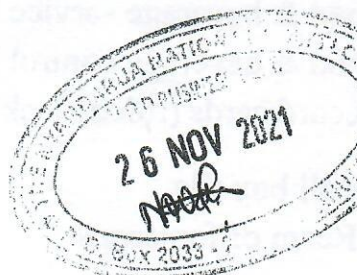
RESTAURANT UNIFORM

LADIES:

- Black straight skirt.
- A three piece black coat.
- Long sleeved white shirt
- Black closed low heeled leather shoes
- White dust coat
- Bow tie

MEN:

- Black straight trouser.
- A three piece black coat.
- Long sleeved white shirt



- Black closed low heeled leather shoes.
- White dust coat.
- Bow tie

HOUSEKEEPING UNIFORM

LADIES:

- Light blue dress (suiting material)

MEN:

- Light blue shirts (suiting material)

LINEN TO BE BOUGHT

ITEM DESCRIPTION

2pcs Damask table cloth white (60inches*60inches)

2pcs Poplin slip cloth (36inches*36inches) color specified on the sample - *Tangerine colour.*
provided

10 damask table napkins white (damask) 30cm*30cm

2pcs waiter's cloth cotton

2pcs glass cloths cotton

2pcs kitchen cloths

2pcs yellow dusters

White side board liners (Jinja) - 5 Large: 16inches *32inches

6 Small: 16inches *5inches

Tray cloths: 1 rectangle (white) 18inches*12.5inches.

2 round white jinja (15.5inches)

BOOKS:

- Theory of catering by David Fosket -Exercise books A4 200 pages (ruled) 1 dozen. One book squared
- Practical cookery by David Fosket - Masking tape 3 pieces
- Food & beverage service by Dennis lillicrap -Office pins 1 pkt
- Food & beverage control by Kotas -Felt pens 4 different colours.
- Record cards (ruled) 1 pkt
- Small box file
- 1 Ream of foolscaps



ELECTRICAL ENGINEERING DEPARTMENT

ELECTRICAL ENGINEERING REQUIREMENTS

DIPLOMA & CERTIFICATE

- Tee square
- Drawing board
- Set squares 30/60 and 45 degrees
- Engineering drawing set
- Scientific calculator
- SMP mathematical table
- 1 ream of full scaps
- Own writing materials
- Overall (navy blue)
- Workshop safety boots

PERSONAL USE TOOLS

- Phase tester
- Screw driver – star
- Screw driver – flat
- Pliers
- Side cutter
- Ball pein hammer
- Tape measure (3m)

MR KARURI

DATE

HOD ELECTRICAL/ELECTRONICS ENGINEERING

FASHION DESIGN & BEAUTY THERAPY DEPARTMENT
DIPLOMA IN FASHION DESIGN & CLOTHING TECHNOLOGY
CERTIFICATE IN FASHION DESIGN & GARMENT MAKING

Tools

1. White Dust Coat
2. Fabric Cutting Scissors
3. Seam Ripper
4. A Set Of French Curves (1/4 Scale)
5. Dress - Makers Pins
6. Tracing Wheel
7. Hand Sewing Needle Set
8. A Dozen of Flat Machine Needle
9. Bobbin Case
10. Nose Mask
11. Industrial Gloves

BOOKS

1. One Ream of Ruled Papers
2. One Ream of Plain Photocopying Papers
3. Five Ruled Exercise Books
4. Two Drawing books
5. Metric pattern cutting for Women
6. Metric pattern cutting for Men
7. Metric pattern cutting for Children
8. Any Book Related To the Clothing

REQUIREMENTS FOR HAIRDRESSING & BEAUTY THERAPY

- 1 AN APRON (royal blue in color with white straps)
- 2 MAKE-UP KIT ----- 1 (one)
- 3 MANICURE SET ----- 1 (one)
- 4 SALON TOWELS ----- 2 (two)
- 5 SMALL SIZE TOWELS ----- 2 (two)
- 6 MAKE -UP BRUSH ----- 1 (one)
- 7 TAIL COMB ----- 1 (one)

NYANDARUAI NATIONAL POLYTECHNIC

HOSPITALITY AND INSTITUTIONAL MANAGEMENT

HAIR DRESSING \$ BEAUTY THERAPY REQUIREMENT FORM

TERM 1	TERM 2	TERM 3
HUMAN HAIR DUMMY WITH A STAND	WEAVING NEEDLE(CURVED)	PERMANENT COLOUR 3P
PROFESSIONAL COMB SET	5PKTS OF WEAVES(LONG, SHORT,STRAIGHT CURLY AND WAVY)	BLACK HENNA 2PKTS
AFRO COMB	CHEMICAL HAIR RELAXER	2 FOOD COLOUR
STYLING PINS 3PKTS	NO LYE 4 (SUPER \$ REGULAR)	HAIR CUTTING SCISSOR
	LYE 4(SUPER \$ REGULAR)	TNINNING SCISSORS
5 SALON SIZED TOWELS(RED/PURPLE/BLUE)	WIG CAPS	BLACK TOWEL
PLASTIC DRAPER	BONDING GLUE	
SHAVING BRUSHE	MOULDING GEL	
	STYLING GELS	
MATADOR COMB	ROBIN THREAD	
BLOWDRYING COMBS(WOODEN)	CROTCHET NEEDLE	
BLOWDRYER ATTACHMENTS	CROTCHET BRAIDS 2PKTS	
TINT BOWL AND BRUSH	NECK STRIP	
SHOWER CAPS,EAR MUFF,	DISPOSABLE GLOVES	
4 WHITE FACE TOWELS	SPATULAS	
NAVY BLUE APRONS	SETTING LOTION	
10 PACKETS OF BRAIDS	SPRITZ	
2 SPRING FILE		
4 QUIRE NOTE BOOK		
4 WHITE FACE TOWELS		
1 REAM OF FOOLSCAPS		
1 REAM OF PRINTING PAPERS		
BEAUTY THERAPY		
TERM 1	TERM 2	TERM 3
5 WHITE SALON SIZED TOWELS	FACIAL TONER	ACRYLIC POWDER \$ LIQU
4 FACE TOWELS	PEEL OFF MASK	SCULPTURING FOILS
5 COLOURED NAIL POLISH	SURGICAL SPIRIT	BOBI BRUSH
2 BASE AND TOP COAT	EXTRACTOR	NAIL ART STRIPS
MANICURE SET (professional set)	FACE SCRUB	2 GEL POLISH+BASE +TOP+PRIMER
	BODY ART	SERVITTES
NAIL BUFFER	2 BED SHEETS 4*4	
SLIPPERS	MASSAGE TOWELS	
FOOT SCRAPPER,PUMICE STONE,FOOT FILE	FACE MOISTURIZER	
TWEEZER,1PKT RAZOR BLADES	RED FOOD COLOUR	
MAKE UP KIT		
STICK ONS,NAIL TIPS		

EYELASHES(STRIP,SINGLE)		
EYE ADHESIVE		
TOE SEPARATOR		
WHITE APRONS		
EAR MUFFS		
SERVIETTES		
CUTICLE CREAM		
NAIL ARTS		
POLISH REMOVER(LURON)		
NAIL POLISH, BIG SCISSORS		
SPATULA		
2 GLASS BOWLS		



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01ST March 2023

COMPUTING AND INFORMATICS DEPARTMENT LIST OF RECOMMENDED TEXTBOOKS and Materials

DIPLOMA MODULE I

1. *Computer Studies Book 1, and Book 2 Mandatory*
2. *Introduction to Computer Science.* C. S. French
3. *Computer Science. A Structured Programming Approach using C.* Behrouz A. Forouzan *Mandatory*
4. *Operating System Essentials.* Abraham Silberchatz, Peter Baer Galvin, Greg Gagne. *Mandatory*
5. *Modern Operating Systems.* Andrew S. Tanenbaum, Herbert Bos

DIPLOMA MODULE II

1. *Computer Science. A Structured Programming Approach using C++.* Behrouz A. Forouzan
2. *System Analysis And Design by Dennis, Wixon, Roth*
3. *Introduction to AutoCAD.* Bernd S. Palm
4. *Introduction to AutoCAD.* Paul F. Richard
5. *Introduction to QuickBooks.* Robert King
6. *Quantitative Methods in Management.* Schaums Outline Series
7. *Quantitative Techniques.* Terence Lucey
8. *Visual Basic.* Schaums Outline Series. Bryon S. Gottfried
9. *Database Management Systems.* Schaums Outline Series. Ramon A. Toledo, Pauline Cushman, Deepti Mishra.

DIPLOMA MODULE III

1. *Introduction to Data Communication & Networking.* Wayne Tomasi
2. *Introduction to Data Communication & Networks.* Halsall, Fred
3. *Internet Programming.* A. A. Puntambekar.
4. *Start Programming using HTML, CSS & JavaScript.* Iztok Fajfar
5. *Principles and Practice of Mangement.* L. M. Prasad
6. *Introduction to Mangement; Principles, Practices, and Processes.* Schwartz, David J.

CRAFT CERTIFICATE MODULE I

1. *Computer Studies Book 1 and Book 2 Mandatory*
2. *Introduction to Computer Science.* C. S. French
3. *Computer Science. A Structured Programming Approach using C.* Behrouz A. Forouzan
4. *Operating System Essentials.* Abraham Silberchatz, Peter Baer Galvin, Greg Gagne. *Mandatory*
5. *Modern Operating Systems.* Andrew S. Tanenbaum, Herbert Bos
6. *Electrical & Electronic Principles & Technology.* J. O. Bird *Mandatory*

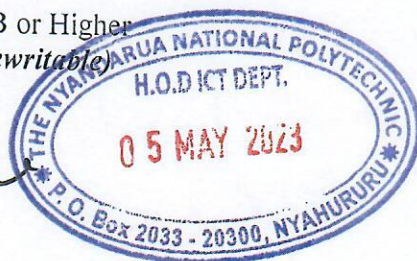
CRAFT CERTIFICATE MODULE II

1. *CompTIA A+*
2. *Computer Science. A Structured Programming Approach using C.* Behrouz A. Forouzan
3. *Introduction to AutoCAD.* Bernd S. Palm
4. *Introduction to QuickBooks.* Robert King

OTHER REQUIREMENTS

1. *Writing Materials, Exercise , or Note Books or Foolscaps, Pens, Pencils*
2. *Calculator*
3. *FlashDisk Preferable 8GB or Higher*
4. *1 Packet CD-RW (CD Rewritable)*
5. *Printing Papers 1 ream*

Wainaina D.
HOD – ICT



LIBERAL STUDIES DEPARTMENT

DIPLOMA/CERTIFICATE IN LIBRARY AND INFORMATION STUDIES MODULE 1

BOOKS

1. Acquisition go global; an Introduction to Library Collection Management in the 21st Century by Jim Agree, Oxford publishers.
2. Guide to review of Library Collection Reservation Storage and Withdrawal by Dennis K.Lambert
3. Record Management by Smith Read Judith
4. Quantitative Techniques by N.A Saleemi

DIPLOMA / CERTIFICATE IN SECRETARIAL STUDIES

BOOKS

1. Keyboarding and document processing
2. Pitman's shorthand dictionary (New Era Edition)
3. New Era Shorthand or Pitman's New Era Shorthand.
4. Secretarial duties by John Harrison.

OTHERS

- Writing materials
- A Scientific Calculator FX82MS
- 1 Packet Re-writable CDs
- Fools caps.
- 1 ream of printing papers for secretarial courses

MRS MACHARIA
HOD LIBERAL STUDIES

DATE _____



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APPLIED SCIENCE DEPARTMENT



SCIENCE LABORATORY TECHNOLOGY COURSE BASIC REQUIREMENTS FOR TRAINEES.

The trainees should have the following basic requirements.

- 1) White laboratory dust coat
- 2) Scientific calculator Casio fx-991^{MS}es plus.
- 3) Graph book size A4
- 4) Laboratory note book
- 5) Closed leather shoes during practical
- 6) Set of laboratory gloves.
- 7) Laboratory masks
- 8) Dissecting kit
- 9) Secondary school Physics, chemistry & biology practical textbooks
- 10) Ream of foolscaps
- 11) Ream of printing papers


KIMANI MWANGI

HEAD OF APPLIED SCIENCES DEPARTMENT



TNNP IS ISO 9001:2015 CERTIFIED