



Newton Institute of Technology

Course Booklet



nitkenya.com

Vision

To be recognized as a premier technical institution that sets the standard for excellence in training, producing skilled professionals who lead with safety, competence and innovation.

Mission

To provide a comprehensive and transformative training, empowering individuals with the skills, knowledge and confidence that they need to excel in their careers. We are dedicated to fostering a culture of continuous learning, safety-awareness, and professional growth.

Core Values

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- Expertise
 - Safety
 - Innovation
 - Empowerment
 - Ethics
 - Community Engagement

FROM THE DIRECTOR

For years, Newton Institute of Technology has been committed to educating responsible citizens and future leaders for our society.

When you join the NIT community, you begin a transformative journey—academically, socially, and personally.

Your time at the College is an opportunity to explore, grow, and take bold steps in both academic and extracurricular areas.

There is no single best path here—students who are open to new experiences and willing to step outside their comfort zones gain the most from their time with us.

At Newton Institute of Technology, we encourage you to stretch your abilities and make the most of every opportunity, both in and out of the classroom.

We look forward to meeting you. If you have any questions, concerns, or simply want to get acquainted, feel free to reach out. You can email us at:

newtoninstituteoftechnology@gmail.com

All are welcome.

Eng. Simion Barongo

FROM THE PRINCIPAL

On behalf of the College Council, Management Board, and Senate, I warmly welcome you to Newton Institute of Technology, the premier technical college of higher learning in Kenya.

Your admission is a clear indication of your drive and commitment to gaining practical skills and successfully completing your course.

At Newton Institute of Technology, we are proud to have a highly qualified team of lecturers dedicated to equipping you with relevant knowledge and hands-on expertise. Our mission is to produce holistic, dignified, and well-rounded graduates across various disciplines—graduates who not only meet but exceed the expectations of the job market.

Our students are nurtured to develop strong communication skills, a solid ethical foundation, a deep sense of responsibility, a caring mindset, and a global outlook. They are also instilled with a passion for continuous learning and professional excellence.

Newton Institute of Technology stands as a benchmark for many institutions. We continue to uphold a strong reputation both corporately and in student life, as we stay committed to our vision of being a premier technical college recognized for academic and professional excellence.

Eng. Wilfred Mwendia

Faculty of Computing and Informatics



Software Engineer Path:

Basic Computer Skills

Full Stack Software Development → Artificial Intelligence/DevOps → Cybersecurity

Courses:

• IC3

Duration: 1 Month – KSH. 3,000 (USD30)

• Basic Computer Skills

Duration: 2 Months – KSH. 6,000 (USD50)

• Advanced Computer Skills

Duration: 3 Months – KSH. 25,000 (USD 200)

• Graphic and Design

Duration: 3 Months – KSH. 30,000 (USD 240)

• Computer and Printer Repair

Duration: 2 Months – KSH. 25,000 (USD 200)

• Machine Learning

Duration: 6 Months – KSH. 60,000 (USD 470)

• Python Programming

Duration: 4 Months – KSH. 45,000 (USD 350)

• Data Science

Duration: 6 Months – KSH. 60,000 (USD 470)

• Full Stack Software Development

Duration: 8 Months – KSH. 90,000 (USD 700)

• Artificial Intelligence

Duration: 6 Months – KSH. 60,000 (USD 470)

• DevOps

Duration: 6 Months – KSH. 60,000 (USD 470)

• Cybersecurity

Duration: 6 Months – KSH. 60,000 (USD 470)

• Mobile App Development

Duration: 6 Months – KSH. 60,000 (USD 470)

Faculty of Plant Operator



Our heavy equipment operator training program offers comprehensive instruction in the operation and maintenance of a full range of construction and farm machinery. The program covers all major types of equipment used in construction, earthmoving, and agricultural applications. Participants will receive hands-on training and develop the practical skills required for the safe and efficient operation of heavy machines, with access to a complete fleet of construction machines and farm machinery.

Course Content:

- Introduction to Plant Operator
- Equipment Familiarization
- Operational Techniques
- Basic Mechanics
- Basic Computer Skills
- Safety and Maintenance
 - Fire Safety
 - First Aid
 - Site Management and Communication

Tuition Fee:

4 Machines – KSH. 65,000 (USD 520) – 2 Months

5 Machines (premium) of choice – KSH, 75,000 (USD 618) – 2 Months

NB: The Plant Operator course takes 2 months if you have completed a driving course. Without prior driving training, the full course duration is 3 months.

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(Kingdom Bank)



4 Machines – KSH. 65,000 (USD 505) – 2 Months

5 Machines (premium) of choice – KSH, 75,000 (USD 603) – 2 Months

The Farm Tractor Course

In this dynamic course, students will delve into the latest advancements in farm tractor technology, gaining hands-on experience with cutting-edge machinery and systems. Students will understand the mechanics and design principles behind tractor functionality to mastering precision farming techniques and autonomous operations. Our curriculum is tailored to empower future industry leaders with the knowledge and skills needed to drive agricultural innovation forward. Newton Institute of Technology is ready to embark on a journey to revolutionize the future of farming with our Farm Tractor Technology.



Tuition fee

Ksh. 20,000 (USD 155)

NTSA Charges

Ksh. 2,450

Duration

1 Month

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Driving Course

Course Content:

The driving course is designed to equip participants with the knowledge, skills, and confidence needed to become safe and responsible drivers. This course covers essential aspects of driving, road safety, traffic regulations, and practical driving techniques to prepare participants for obtaining a driver's license and navigating roads safely. A student will get a driving license after NTSA examination through our college.

Traffic Regulations



Tuition Fee:

KSH. 12,000 (USD 100)

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Faculty of Hairdressing and Beauty Therapy



The Hairdressing and Beauty Therapy course at Newton Institute of Technology offers a comprehensive progression from short courses to certificate and diploma levels, focusing on practical skills in hair styling, skincare, and beauty treatments. This structured pathway ensures students gain the expertise required for a successful career in the beauty and hairdressing industries.

Diploma

Hairdressing and Beauty Therapy – 9 months –Ksh. 5,000 (USD 40) per month

Hairdressing – 9 months – Ksh. 5,000 (USD 40) per month

Beauty Therapy – 9 months –Ksh. 5,000 (USD 40) per month

Certificate

Hairdressing and Beauty Therapy – Ksh. 5,000 (USD 40) per month

Hairdressing – 6 months – Ksh. 5,000 (USD 40) per month

Beauty Therapy – 6 months – Ksh. 5,000 (USD 40) per month

Short Courses

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| Short Courses | <ul style="list-style-type: none">• Hairdressing – 2 months – Ksh. 10,000 (USD 100) |
| <ul style="list-style-type: none">• Saloon Management – 2 months – Ksh. 10,000 (USD 100) | <ul style="list-style-type: none">• Beauty Therapy– 2 months – Ksh. 10,000 (USD 100) |
| <ul style="list-style-type: none">• Makeup Artistry – 2 months – Ksh. 10,000 (USD 100) | <ul style="list-style-type: none">• Massage – 2 months – Ksh. 15,000 (USD 100) |
| | <ul style="list-style-type: none">• Pedicure/Manicure – 2 months – Ksh. 10,000 (USD 100) |
| <ul style="list-style-type: none">• Barbering – 2 months – Ksh. 10,000 (USD 100) | |

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The Hairdressing and Beauty Therapy program at Newton Institute of Technology provides a well-rounded educational path, starting from introductory short courses to advanced certificate and diploma qualifications. Emphasizing hands-on experience, the curriculum covers essential skills in hair styling, skincare, and beauty treatments. This carefully designed progression equips students with the knowledge and practical expertise needed to excel in the beauty and hairdressing sectors, preparing them for successful careers in the industry.

Faculty of Music



Our music courses offer focused and intensive training in various aspects of music theory, performance, composition, and technology, culminating in certification from ABRSM (Associated Board of the Royal Schools of Music). These courses are designed to provide valuable learning opportunities within a shorter timeframe, allowing participants to enhance their musical skills and earn recognized certification from a prestigious organization.



INSTRUMENT COURSE:

Piano | Guitar | Violin | Saxophone | Harmonica

Basic Level

1 Month: KSH. 7,000 (USD 60)

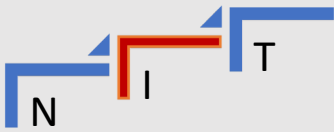
Intermediate Level

2 Months: KSH. 12,000 (USD 100)

Advanced Level

3 Months: KSH. 18,000 (USD 140)

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Newton Institute of Technology

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Kenya

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EST. 2022

