



NATIONAL INSTITUTE OF TRANSPORT (NIT)

ADMISSION INFORMATION



Excellence
in Transport for
a Sustainable
Economy

"Skills and attitude make difference"

BACKGROUND OF NATIONAL INSTITUTE OF TRANSPORT

The National Institute of Transport (NIT) is a public higher learning institution located on the west of Dar-es-Salaam region, along Mabibo road in Ubungo Light Industrial area; one kilometre off the Morogoro road. The history of NIT dates back to 1975, when it was established as a training wing of the then National Transport Corporation (NTC). NIT was charged with the responsibility of strengthening human resource capabilities of transport operatives and middle level managers of subsidiary companies of NTC. These subsidiary companies were: Kampuni ya Mabasi Tanzania (KAMATA), Usafiri Dar-es-Salaam Limited (UDA) and Regional Transport Companies (RETCOs).

In 1982, it was realized that there was a need to have an Institute that would cover all modes of transport (air, railway, road, marine and pipeline) through expansion of its area of activities and responsibilities. As a result, NIT was re-established through Act of Parliament Number 24 of 1982 (Chapter 187 revised edition 2009) as an autonomous Higher Learning Institution under the Ministry of Communications and Works. It started operating on 1st July, 1983 through the Government Notice No. 91. Currently, NIT is under the Ministry of Works and Transport (Transport sector). NIT is mandated by the Government of the United Republic of Tanzania to offer Training conduct Research and Consultancy in all modes of Transport.

The Institute has Certificate, Ordinary Diploma, Bachelors' Degree, Postgraduate Diploma and Masters Degree in the areas of Logistics and Transport Management, Maritime Transport and Petroleum Technology, Aviation Road and Railway Transport and Allied Management Sciences.

1.3 Vision

To be a World-Class Training Institution Committed to Support a Sustainable Transport Sector

1.4 Mission

To Provide High-Quality Education and Training, Research, Consultancy, Innovation and Services in Transport and Allied Fields for Sustainable Socio-Economic Development.

A. MASTER'S DEGREE PROGRAMMES

S/ NO	NAME OF PROGRAMME	ENTRY REQUIREMENTS	JOB/EMPLOYMENT OPPORTUNITY
1.	Master of Science in Logistics and Transport Management.	<p>a) Bachelor Degree in Logistics and Transport Management, or equivalent professional qualification with a minimum of upper second class.</p> <p>b) Bachelor Degree with at least lower second class will be considered if the applicant holds another Postgraduate Diploma in a relevant field of study.</p> <p><i>Note: For applicants coming from non-English speaking countries, they should submit a certificate of English language proficiency.</i></p>	Graduates in this field will be able to work as: Transport Manager, Logistics Manager, Warehousing Manager, Fleet Manager, Supply Chain Coordinator, Procurement and Logistics Manager, Port Operations Manager, Shipping Manager, Airport Manager and Transport Planners
2.	Master of Business Administration in Logistic and Transport Management.	<p>a) Bachelor's Degree in Mechanical/ Automobile, Marine, Aircraft Maintenance Engineering, Aeronautical Engineering (or Relevant Engineering fields) (NTA Level 8) with at least an overall GPA of 2.7 from recognized Institutions or equivalent qualifications in related Field.</p> <p>OR</p> <p>b) Bachelor's Degree in Mechanical/ Automobile, Marine, Aircraft Maintenance Engineering, Aeronautical Engineering (or Relevant Engineering fields) (NTA Level 8) with at least an overall GPA of 2.0 from recognized Institutions and with performance in the proposed subject of study at B grade or higher</p>	
3.	Master of Mechanical Engineering with Transportation Machinery.	<p>c) Bachelor's Degree in Mechanical/ Automobile, Marine, Aircraft Maintenance Engineering, Aeronautical Engineering (or Relevant Engineering fields) (NTA Level 8) with at least an overall GPA of 2.0 from recognized Institutions and with minimum of 3 years of working experience after graduation and must be registered as the Trainee Engineer.</p>	

*For all Masters Programmes duration is 2 years

B. POSTGRADUATE DIPLOMA PROGRAMMES

S/ NO	NAME OF PROGRAMME	ENTRY REQUIREMENTS	JOB/EMPLOYMENT OPPORTUNITY
1.	Postgraduate Diploma in Logistics and Transport Management.	Bachelor's Degree OR Advanced Diploma in any field of the study from a recognized Institution.	Graduates in this course are expected to work in logistics and transportation industry.
2.	Postgraduate Diploma in Transport and Tourism Management.	Bachelor's Degree OR Advanced Diploma in any field of the study from a recognized Institution.	Graduates will work as Transport and Tourism Managers.
3.	Postgraduate Diploma in Road Transport Safety Management.	Bachelor's Degree OR Advanced Diploma in any field of the study from a recognized Institution.	Graduates can work as Traffic Managers and Road Safety Officers and other related careers.
4.	Postgraduate Diploma in Rail Transport Management.	Bachelor's Degree OR Advanced Diploma in any field of the study from a recognized Institution.	Graduates can work as Traffic Managers and Road Safety Officers and other related careers.
5.	Postgraduate Diploma in Procurement and Logistics Management.	Bachelor's Degree OR Advanced Diploma in any field of the study from a recognized Institution.	Graduates can work as industry analyst, global logistics managers, and procurement analysts, warehousing managers and purchasing managers.
6.	Postgraduate Diploma in Shipping and Port Management.	Bachelor's Degree OR Advanced Diploma in any field of the study from a recognized Institution.	Graduates will be able to work with Shipping Companies, Shipping Agencies, Ports, Consultancy firms and other related careers.
7.	Postgraduate Diploma in Transport Economics.	Bachelor's Degree OR Advanced Diploma in any field of the study from a recognized Institution.	Graduates can work as transportation analysts, transportation planners and other related carriers.
8.	Postgraduate Diploma in Air Transport Management.	Bachelor's Degree OR Advanced Diploma in Engineering related field of study from a recognized Institution.	Graduates can work with airport companies and authorities, civil aviation departments, airlines, air transport consultancies firms and aerospace.
9.	Postgraduate Diploma in Transportation Engineering.	Bachelor's Degree OR Advanced Diploma in Engineering related field of study from a recognized Institution.	Graduates will work as Traffic Engineers, Highway Engineers, Transport planners, Infrastructure Engineers and other related careers.

* For All Postgraduate Diploma Programmes duration is 1 year

C. BACHELOR'S DEGREE PROGRAMMES

S/ NO	NAME OF PROGRAMME	ENTRY REQUIREMENTS	JOB/EMPLOYMENT OPPORTUNITY
1.	Bachelor's Degree in Logistics and Transport Management .	❖ Form VI with two (2) Principal passes excluding religious subjects with a total of 4.0 points, OR	Graduates in this field will be able to work as: Transport Officers, Logistics officers, Warehousing officers, Fleet officers, Stores and Record keeping Officers, Supply Chain Coordinators, Procurement and Logistics Officers, Port Operations Officers, Shipping Officers and Transport Planners.
2.	Bachelor's Degree in Procurement and Logistics Management .	❖ Ordinary Diploma (NTA Level 6 or Non-NTA) in relevant field with a GPA of not less than 3.0 points, OR	Graduates in this field will be able to work as: Procurement officers, Supplies Officer Warehouse Officers.
3.	Bachelor's Degree in Human Resource Management .	❖ Ordinary Diploma in Teacher Education with a GPA of not less than 3.0 points or average of a B grade plus four (4) passes in form IV excluding religious subjects, OR	Graduates in this field will be able to work as: Human Resource Manager, Manpower Management Officer, Administrative Officer, Human Resource Training Manager, Human Resource Manager.
4.	Bachelor's Degree in Marketing and Public Relations.	❖ Full Technician Certificate (FTC) with an average of a C grade.	Graduates in this field will be able to work as: Sales Officer/Manager, Marketing Officers, Corporate Communication Officer, Information Officers, Brand Managers, Campaign Managers, Event Managers.
5.	Bachelor's Degree in Accounting and Transport Finance.	❖ Form VI with two (2) Principal passes excluding religious subjects with a total of 4.0 points, OR ❖ Ordinary Diploma (NTA Level 6 or Non-NTA) in relevant field with a GPA of not less than 3.0 points, OR	Graduates in this field will be able to work as: Accountant Accounting Officer Bankers Bank Tellers.
6.	Bachelor's Degree in Business Administration.	❖ Ordinary Diploma in Teacher Education with a GPA of not less than 3.0 points or average of a B grade plus four (4) passes in form IV including pass in mathematics excluding religious subjects, OR ❖ Full Technician Certificate (FTC) with an average of a C grade.	Graduates in this field will be able to work as: Business Administrators Tutorial Assistant.

7.	Bachelor's Degree in Education with Mathematics and Information Technology.	<ul style="list-style-type: none"> ❖ Form VI with two (2) Principal passes, one must be in advanced Mathematics with total to 4.0 points and should exclude religious subjects, Plus four (4) passes in form IV with at least a pass in Basic Mathematics, OR ❖ Ordinary Diploma in Teacher Education (NTA Level 6) with a GPA of not less than 3.0 points OR a B grade with mathematics as one of teaching subjects. 	
8.	Bachelor's Degree in Information Technology.	<ul style="list-style-type: none"> ❖ Two (2) Principal passes in Form VI in any subjects other than religious subjects with a total of not less than 4.0 points, OR ❖ Ordinary Diploma (NTA Level 6) in ICT related field with a GPA of not less than 3.0 points plus four (4) passes in form IV including pass in Basic Mathematics and English. 	Graduates in this field will be able to work as: Software developers, database administrators, network administrators, business analysts, data analysts, systems administrators, graphics designers and Information Technology (IT) officers.
9.	Bachelor's Degree in Computer Science.	<ul style="list-style-type: none"> ❖ Form VI with two (2) Principal passes with a total of not less than 4.0 points in Science subjects in either Physics, Advanced Mathematics, Engineering Science, Chemistry, Biology or Economics including pass in Basic Mathematics, Physics and English in Form IV excluding religious subjects, OR ❖ Ordinary Diploma (NTA Level 6) in related field, such as Physics and Information Technology with GPA of not less than 3.0 points plus four (4) passes in form IV. 	Graduates in this field will be able to work as: Software developers, programmers, , computer scientists, database administrators, network administrators, systems administrators, IT/Electronics/ Telecommunication officers, graphics designers and data analysts.
10.	Bachelor's Degree in Automobile Engineering.	<ul style="list-style-type: none"> ❖ Form VI with two (2) Principal passes in Science subjects such as Advanced Mathematics, Physics or Chemistry with a total of 4.0 points including Four passes in form IV with at least a pass in Basic Mathematics Physics/ Engineering Science and English excluding religious subjects, OR 	Automobiles Engineers deal with design, research, manufacture and operation of automobiles. These include; Industrial Engineer, Automotive Engineers, Manufacturing Engineers, Test Engineers, Design Engineers, Process Planners, Materials Development Engineers, Robotics Engineers, Safety Engineers, Logistics managers, Project Managers, Industrial Engineers, Quality Auditors.

11.	Bachelor's Degree in Mechanical Engineering.	<ul style="list-style-type: none"> ❖ Ordinary Diploma (NTA Level 6) in Automobile/Mechanical/Electrical/Marine Engineering or Technical Education with GPA of 3.0 points and four (4) passes in form IV excluding religious subjects, OR ❖ Full Technician Certificate (FTC) in Automobile/Mechanical/Electrical/Marine Engineering with an average of C grade. 	Mechanical Engineers deal with research, designing, development, manufacturing, building/construction and testing, installation, operation and maintenance of devices, equipment, machinery, systems or structures. She/he may work in aerospace, automobile, metal, sports, pharmaceutical, food, oil and gas, railway, maritime, energy, agriculture, fishery, forestry, and metal industries.
12.	Bachelor's Degree in Aircraft Maintenance Engineering.	<ul style="list-style-type: none"> ❖ Form VI with two (2) Principal passes in Science subjects; such as Advanced Mathematics, Engineering Science, Physics, or Chemistry including Four (4) passes in Form IV with a pass in Basic Mathematics, Physics/Engineering Science and English excluding religious subjects, OR ❖ Ordinary Diploma (NTA Level 6) in Aircraft Maintenance/Avionics/Aeronautical/Mechanical/aerospace/Engineering with a GPA of not less than 3.0 points. 	Graduates in this field will be able to work as: Aircraft Engineers (Airframe and Power plant-A&P), Aviation Engineering Managers, Reliability and Development Engineers and Aircraft Maintenance Planning & Production Control Engineers.
13.	Bachelor's Degree in Road and Railway Transport Logistics Management.	<ul style="list-style-type: none"> ❖ Form VI with two (2) Principal passes in any subjects; including Four (4) passes in Form IV excluding religious subjects, OR ❖ Ordinary Diploma (NTA Level 6 or Non-NTA) in Road and Railway Transport Logistics Management/Operation/Shipping and Port Logistics Operations/ Freight Clearing and Forwarding/ Logistics and Transport Management/ Business Administration/ Procurement and Logistics/ Supply Chain Management/Law/ International Trade and other related programmes with a GPA of not less than 3.0 points, OR ❖ Diploma in Education with an average of at least a B grade including four passes in CSEE excluding religious subjects; OR ❖ Full Technician Certificate (FTC) with an average of a C grade. 	Graduates in this field will be able to work as: Transport Officers, Logistics officers, Warehousing officers, Fleet officers, Stores and Record keeping Officers, Supply Chain Coordinators, Procurement and Logistics Officers, Port Operations Officers, Shipping Officers, Freight Clearing and Forwarding Officers and Transport Planners, Freight Clearing and Forwarding, Station Masters, Station Foremen, Shipping Officers, Fuel Managers, Safety Managers, Crew Managers, Budgeting and Transport Cost Analysts.

14.	Bachelor's Degree in Shipping and Port Logistics Management.	<ul style="list-style-type: none"> ❖ Form VI with two (2) Principal passes excluding religious subjects with a total of 4.0 points, OR ❖ Ordinary Diploma (NTA Level 6 or Non-NTA) in relevant field with a GPA of not less than 3.0 points, OR ❖ Ordinary Diploma in Teacher Education with a GPA of not less than 3.0 points or average of a B grade plus four (4) passes in form IV excluding religious subjects, OR ❖ Full Technician Certificate (FTC) with an average of a C grade. 	<p>Graduates in this field will be able to work as: Transport Officers, Logistics officers, Warehousing officers, Fleet officers, Stores and Record keeping Officers, Supply Chain Coordinators, Procurement and Logistics Officers, Port Operations Officers, Shipping Officers, Freight Clearing and Forwarding Officers and Transport Planners, Freight Clearing and Forwarding, Station Masters, Station Foremen, Shipping Officers, Fuel Managers, Safety Managers, Crew Managers, Budgeting and Transport Cost Analysts.</p>
15.	Bachelor's Degree in Naval Architecture and Marine Engineering.	<ul style="list-style-type: none"> ❖ Form VI with two (2) Principal passes in Science subjects; such as Advanced Mathematics, Physics, Engineering Science, or Chemistry including Four (4) passes in Form IV with a pass in Basic Mathematics, Physics/Engineering Science and English excluding religious subjects, OR ❖ Ordinary Diploma (NTA Level 6 or Non-NTA) in Shipbuilding and Repair/ Mechanical /Automobile/ Electrical/Electronic and Telecommunication /Marine / Aircraft Maintenance / Agriculture Engineering relevant field with a GPA of not less than 3.0 points. 	<p>Naval architect and Marine engineers are often required to manufacture and design or even repair ships, tugs, fishing boats, barges, warships, cruise ships, yachts, powerboats, steamers, and even submarines.</p> <p>They are mainly hired by government, oil and gas companies, ocean research organizations and design offices etc.</p>

**The duration for all Bachelor's Degree Programmes is three (3) years with exception of applicant who shall pursue Engineering related Bachelor's Degree Programmes for four (4) years.*



D. ORDINARY DIPLOMA PROGRAMMES

S/ NO	NAME OF PROGRAMME	ENTRY REQUIREMENTS	JOB/EMPLOYMENT OPPORTUNITY
1.	Ordinary Diploma in Logistics and Transport Management.	<ul style="list-style-type: none"> ❖ Form IV with at least four (4) passes excluding religious subjects, OR ❖ Form VI with one Principal Pass and one Subsidiary Pass in the combination subjects. ❖ Basic Technician (NTA Level 4) Certificate in related field. 	Graduates in this field will be able to work as: Assistant Transport Officers, Assistant Logistic officers, Assistant Fleet officers, Assistant stores and record keeping officers, Assistant Logistician, Assistant Port operations officers, Assistant Warehousing officers, Assistant Transport planners and Freight officers.
2.	Ordinary Diploma in Freight Clearing and Forwarding.	<p>OR</p> <ul style="list-style-type: none"> ❖ Form VI with one Principal Pass and one Subsidiary Pass in the combination subjects. 	Graduates in this field will be able to work as: Assistant Clearing and Forwarding officers, Assistant Shipping officers, Assistant Customs Officers, Assistant Port operations Officers and Assistant Cargo tallying Officers.
3.	Ordinary Diploma in Procurement and Logistics Management.		Graduates in this field will be able to work as: Assistant Procurement officers, Stores Officer Assistant Supplies Clerks Store Keeper.
4.	Ordinary Diploma in Human Resource Management.	<ul style="list-style-type: none"> ❖ Form IV with at least four (4) passes excluding religious subjects, OR ❖ Form VI with one Principal Pass and one Subsidiary Pass in the combination subjects. 	Graduates in this field will be able to work as: Assistant Human Resource Officer Assistant Administrative Officer Assistant Human Resource Manager.
5.	Ordinary Diploma in Marketing and Public Relations.	<ul style="list-style-type: none"> ❖ Basic Technician (NTA Level 4) Certificate in related field. <p>OR</p> <ul style="list-style-type: none"> ❖ Form VI with one Principal Pass and one Subsidiary Pass in the combination subjects. 	Graduates in this field will be able to work as: Assistant Sales Officer/ Manager Assistant Marketing Officers, Assistant Public Relations Officers Assistant Corporate Communication Officers Assistant Information Officers, Assistant Brand Managers, Assistant Campaign Managers, Assistant Event Managers.

6.	Ordinary Diploma in Business Administration.	<ul style="list-style-type: none"> ❖ Form IV with at least four (4) passes including pass in Basic Mathematics; OR ❖ Form VI with one Principal pass and one subsidiary pass in science combination subjects plus passes in Basic Mathematics and English Language in form IV; OR ❖ Basic Technician (NTA Level 4) Certificate in related field. 	Graduates in this field will be able to work as: Assistant Administrator Sales Officer Assistant Sales Officer.
7.	Ordinary Diploma in Accounting and Transport Finance.	<ul style="list-style-type: none"> ❖ Form IV with at least four (4) passes including pass in Basic Mathematics and English Language in form IV; OR ❖ Basic Technician (NTA Level 4) Certificate in related field. 	Graduates in this field will be able to work as: Book-keepers Officer Assistant Accounting Officer Accounting Clerks.
8.	Ordinary Diploma in Information Technology.	<ul style="list-style-type: none"> ❖ Form IV with at least four (4) passes including pass in Basic Mathematics and English Language; OR ❖ Form VI with one Principal pass and one subsidiary pass in science combination subjects plus passes in Basic Mathematics and English Language in form IV; OR ❖ Basic Technician (NTA Level 4) Certificate in related field. 	Graduates in this field will be able to work as: Information systems technician, software development technicians, assistant IT Officers, and network technicians.
9.	Ordinary Diploma in Automobile Engineering.	<ul style="list-style-type: none"> ❖ Form IV with at least four (4) passes including passes in Basic Mathematics, Physics/Engineering Science, and Chemistry; OR 	Mechanical and Automobile Technician deal with the normal routine and supervisory activities, installation, operation and maintenance of anything that has stationary and moving parts.
10.	Ordinary Diploma in Mechanical Engineering.	<ul style="list-style-type: none"> ❖ Basic Technician (NTA Level 4) Certificate in related field. ❖ Technician Certificate (NTA Level 5) in related field recognized by NACTE. 	Graduates in this field will be able to work as manufacturing, aerospace engineering, automotive, energy, medicine, railway, engineering, sport, Chemicals, Construction, Defence, Fast-moving consumer goods industry Marine, Materials and metals industry and Oil and gas industry.

11.	Ordinary Diploma in Auto-Electrical and Electronic Engineering.	<ul style="list-style-type: none"> ❖ Form IV with at least a minimum of four (4) passes of “D” grades in Physics or Engineering Science, Basic Mathematics, Chemistry, and English, OR ❖ Form IV with at least a minimum pass of “D” grade in two subjects mentioned above which must include Basic Mathematics and National Vocational Award Level 3 in Auto - Electrical and Electronics ❖ Basic Technician Certificate (NTA Level 4) in related field recognized by NACTE ❖ Technician Certificate (NTA Level 5) in related field recognized by NACTE. 	<p>Technicians are employed in the manufacturing, mining, construction, housing and domestic, communication services, medical, wholesale and retail industries dealing with electrical, electronics, telecommunication and all engineering services like</p> <ul style="list-style-type: none"> ❖ Telecommunications / Wireless Communication ❖ Mobile Companies and data cabling ❖ Manufacturing Industries (e.g., Consumer electronics and telecom equipment industries) ❖ Core Electronics Firms ❖ Broadcasting Industry ❖ Road Traffic Informatics ❖ Satellite Communication ❖ Internet Service Providers
12.	Ordinary Diploma in Electronics and Telecommunication Engineering.	<ul style="list-style-type: none"> ❖ Form IV with at least a minimum of four (4) passes of “D” grades in Physics or Engineering Science, Basic Mathematics, Chemistry, and English, OR ❖ Basic Technician Certificate (NTA Level 4) in related field recognized by NACTE 	<ul style="list-style-type: none"> ❖ Research and Development ❖ Aviation and Avionics ❖ Railways and Defense.
		<ul style="list-style-type: none"> ❖ Technician Certificate (NTA Level 5) in related field recognized by NACTE. 	
13.	Ordinary Diploma in Electrical Engineering.	<ul style="list-style-type: none"> ❖ Form IV with at least a minimum of four (4) passes of “D” grades in Physics or Engineering Science, Basic Mathematics, Chemistry, and English, OR ❖ Basic Technician Certificate (NTA Level 4) in related field recognized by NACTE; OR ❖ Technician Certificate (NTA Level 5) in related field recognized by NACTE. 	

14.	Ordinary Diploma in Pipe works, Oil and Gas Engineering.	<ul style="list-style-type: none"> ❖ Form IV with at least a minimum of four (4) passes of "D" grades in Physics or Engineering Science, Basic Mathematics, Chemistry, and English, OR ❖ Basic Technician Certificate (NTA Level 4) in Pipe works, Oil and Gas Engineering field: OR ❖ Technician Certificate (NTA Level 5) in Pipe works, Oil and Gas Engineering field. 	Engineers may work in office buildings, labs, industrial plants or on site in the exploration and extraction process or for equipment manufacturers. Also, he/she may work in different sections; drilling, production, reservoir and sales.
15.	Ordinary Diploma in Aircraft Maintenance Engineering.	<ul style="list-style-type: none"> ❖ Form IV with at least four (4) passes including passes in Basic Mathematics, Physics/ Engineering science, and English Language, OR ❖ Basic Technician Certificate (NTA Level 4) in Aircraft Maintenance Engineering. 	Graduates in this field will be able to work as : Aircraft Maintenance Technician Airframe and Power plant (A&P) Mechanic.
16.	Ordinary Diploma in Library Information Studies.	<ul style="list-style-type: none"> ❖ Form IV with at least four (4) passes excluding religious subjects; OR ❖ Form VI with at least one Principal pass and one subsidiary pass in the combination subjects; OR ❖ Basic Technician (NTA Level 4) Certificates in related field. ❖ Technician Certificate (NTA Level 5) in related field recognized by NACTE. 	Library and Information Studies professionals are often required to work with all types of libraries, include, Academic Libraries, example University and College libraries, also in school libraries, such as Primary and Secondary schools, Special Libraries, Public Libraries. They are mainly hired by government and Private institutions.
17.	Ordinary Diploma in Records, Archives and Information Management.	<ul style="list-style-type: none"> ❖ Form IV with at least four (4) passes excluding religious subjects; OR ❖ Form VI with one Principal pass and one subsidiary pass in the combination subjects; OR ❖ Basic Technician (NTA Level 4) Certificate in related field. ❖ Technician Certificate (NTA Level 5) in related field recognized by NACTE. 	Records, Archives and Information Studies professional are often required to work in Universities, Colleges and Schools. They are mainly hired by government, and Private companies, etc.

18.	Ordinary Diploma in Shipbuilding and Repair.	<ul style="list-style-type: none"> ❖ Form IV with a minimum of four (4) passes of “D” grades in Physics / Engineering Science, Basic Mathematics, Chemistry, and English; OR ❖ National Vocational Award (NVA) Level 3 in Engineering related field such as Mechanics /Auto-Electrical plus a pass in mathematics in ‘O’ level ❖ Basic Technician Certificate (NTA Level 4) in Shipbuilding and Repair or in related field recognized by NACTE; OR ❖ Technician Certificate (NTA Level 5) in Shipbuilding and Repair or in related field recognized by NACTE. 	Technicians are employed in the pipe work, mining, construction, housing and domestic, drilling as well as oil and gas transportation and exploration companies.
19.	Ordinary Diploma in Shipping and Port Logistics Operations.	<ul style="list-style-type: none"> ❖ Form IV with at least four (4) passes excluding religious subjects; OR ❖ Form VI with one Principal pass and one subsidiary pass in the combination subjects; OR ❖ Basic Technician (NTA Level 4) Certificate in related field; OR ❖ Technician Certificate (NTA Level 5) in related field recognized by NACTE. 	Graduates in this field will be able to work as: Assistant Port operations Officers, Assistant Logistics officers, Assistant Fleet officers, Assistant stores and record keeping officers, Assistant Shipping officers, Assistant Logistics officers, Assistant Warehousing officers, Assistant Cargo tallying Officers and Freight officers.
20.	Ordinary Diploma in Road and Railway Transport Logistics Operations.	<ul style="list-style-type: none"> ❖ Form IV with at least four (4) passes excluding religious subjects; OR ❖ Form VI with one Principal pass and one subsidiary pass in the combination subjects; OR ❖ Basic Technician (NTA Level 4) Certificate in related field OR ❖ Technician Certificate (NTA Level 5) in related field recognized by NACTE. 	Graduates in this field will be able to work as: Assistant Transport Officers, Assistant Logistic officers, Assistant Fleet officers, Assistant stores and record keeping officers, Assistant Logisticians, Assistant Warehousing officers, Assistant Transport planners, Freight officers and Ports personnel.

21.	Ordinary Diploma in Electrical Engineering with Railway Electrification.	<ul style="list-style-type: none"> ❖ Form IV with at least four (4) passes at “D” grades in Physics or Engineering Science, Basic Mathematics, Chemistry, and English OR ❖ National Vocational Award Level 3 in Engineering related field and a Certificate of Secondary Education Examination with minimum pass of “D” grade in two (2) subjects excluding religious subjects, which must include Basic Mathematics and Physics or Chemistry. 	<p>Technicians are employed in the manufacturing, mining, construction, housing and domestic, communication services, medical, wholesale and retail industries dealing with electrical, electronics, telecommunication and all engineering services like:</p> <ul style="list-style-type: none"> ❖ Telecommunications / Wireless Communication ❖ Mobile Companies and data cabling ❖ Manufacturing Industries (e.g., Consumer electronics and telecom equipment industries) ❖ Core Electronics Firms ❖ Broadcasting Industry ❖ Road Traffic Informatics ❖ Satellite Communication ❖ Internet Service Providers ❖ Research and Development ❖ Aviation and Avionics ❖ Railways and Defense.
22.	Ordinary Diploma in Telecommunication Engineering with Railway Signaling.	<ul style="list-style-type: none"> ❖ Certificate of Secondary Education Examinations (CSEE) with a minimum of four (4) passes at “D” grades in Physics or Engineering Science, Basic Mathematics, Chemistry, and English OR ❖ National Vocational Award Level 3 in Engineering related field and a Certificate of Secondary Education Examination with minimum pass of “D” grade in two (2) subjects excluding religious subjects, which must include Basic Mathematics and Physics or Chemistry. 	<p>Technicians are employed in the manufacturing, mining, construction, housing and domestic, communication services, medical, wholesale and retail industries dealing with electrical, electronics, telecommunication and all engineering services like:</p> <ul style="list-style-type: none"> ❖ Telecommunications / Wireless Communication ❖ Mobile Companies and data cabling ❖ Manufacturing Industries (e.g. Consumer electronics and telecom equipment industries) ❖ Core Electronics Firms ❖ Broadcasting Industry ❖ Road Traffic Informatics ❖ Satellite Communication ❖ Internet Service Providers ❖ Research and Development ❖ Aviation and Avionics ❖ Railways and Defense.

23.	Ordinary Diploma in Automobile Engineering and Locomotive Technology.	<ul style="list-style-type: none"> ❖ Certificate of Secondary Education Examinations with a minimum of four (4) passes of “D” grades in Physics or Engineering Science, Basic Mathematics, Chemistry, and English OR ❖ National Vocational Award Level 3 in Engineering related field and a Certificate of Secondary Education Examination with minimum pass of “D” grade in two (2) subjects excluding religious subjects including Basic Mathematics and Physics or Chemistry. 	Mechanical and Automobile Technician deal with the normal routine and supervisory activities, installation, operation and maintenance of anything that has stationary and moving parts.
24.	Ordinary Diploma in Mechanical Engineering and Railway Vehicle Technology.	<ul style="list-style-type: none"> ❖ Certificate of Secondary Education Examinations with a minimum of four (4) passes of “D” grades in Physics or Engineering Science, Basic Mathematics, Chemistry, and English, OR ❖ National Vocational Award Level 3 in Engineering related field and a Certificate of Secondary Education Examination with minimum pass of “D” grade in two (2) subjects excluding religious subjects, which must include Basic Mathematics and Physics or Chemistry. 	Graduates in this field will be able to work as manufacturing, aerospace engineering, automotive, energy, medicine, railway, engineering, sport, Chemicals, Construction, Defence, Fast-moving consumer goods industry Marine, Materials and metals industry and Oil and gas industry.
25.	Ordinary Diploma in Civil and Transportation Engineering.	<ul style="list-style-type: none"> ❖ Certificate of Secondary Education Examinations with a minimum of four (4) passes of “D” grades in Physics /Engineering Science, Basic Mathematics, Chemistry, and English, OR 	Technicians are employed for planning, designing and constructing roadways, ports and railways, and also perform inspections and maintenance to keep these routes safe for travel. Also, she/he may work in oil and gas transportation and exploration companies. Research institute will also benefit from these professionalism.

		<ul style="list-style-type: none"> ❖ National Vocational Award Level 3 in Engineering related field and a Certificate of Secondary Education Examination with minimum pass of “D” grade in two (2) subjects excluding religious subjects, which must include Basic Mathematics and Physics or Chemistry. 	<p>Technicians are employed in the Railway, Constructions, mining, housing and domestic, oil and gas transportation, exploration companies and Research institutes.</p>
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**The duration for all Ordinary Diploma Programmes is three (3) years with exception of applicant with Form Six certificate with principal pass and subsidiary pass who shall undertake the programme for two (2) years applicable only to non-engineering related Ordinary Diplomas.*



E. SHORT COURSES

SHORT COURSES FOR PROFESSIONAL DEVELOPMENT

1. Transport Officers Course
2. Cargo Tallying for International Shipping Course
3. Health and Safety Course
4. Fleet Operations and Maintenance Course

PROFESSIONAL DRIVER COURSES

1. Defensive Driving
2. Passenger Service Vehicle(PSV)
3. Heavy Goods Vehicle(HGV)
4. Advanced Drivers course GradeII (Industrial)
5. Advanced Drivers course GradeII (VIP)
6. Advanced Drivers course GradeI
7. Senior Drivers Course
8. Transport Officers Course
9. Driver Instructor's Course
10. Vehicle Inspection and Motor Vehicle Appraisal
11. Vehicle Inspection and Drivers Examiner
12. Forklift Operators' Training
13. PSV Agents and Ticketing Clerk Customer Care (PSV Customer care)
14. Tyre and Basic Fleet Management
15. Tyre Care and Fuel Control

SHORT COURSES IN AVIATION

1. Cabin Crew Initial Course
2. Airline Marketing
3. Airline Customer Service
4. Airport Operations Fundamentals
5. Global Distribution System Fares and Ticketing-Amedeus

MODE OF APPLICATION FOR MASTERS

- a) Application should be done online through the following link which is found in the NIT Website: **oas.nit.ac.tz** for Postgraduate Diploma and Master of Science in Logistics and Transport Management Programmes.
- b) For applicants for Master of Business Administration in Logistic and Transport Management should visit the website of Open University of Tanzania; **www.out.ac.tz**; for further instructions.
- c) A non-refundable application fee of Tshs.30,000/= for Tanzanian applicants and USD 25 for Non - Tanzanian applicants should be paid for the application

ADMISSION REQUIREMENTS FOR BACHELOR'S DEGREE AND DIPLOMA PROGRAMMES

- 1.0 The admission procedure:-
 - a) Applicants should use the link which is found in the NIT website: **oas.nit.ac.tz** to apply on line
 - b) Applicants should read and understand the guidelines and admission requirements for the programmes they apply for.
 - c) Applicants should ensure that, they have adequate information for the programmes of their choice taking into account the competition, subject passes in their form Four or six examination and career aspiration
 - d) Applicants holding foreign qualification should have their qualification validated and equated by the respective regulatory bodies before submitting the application for admission at the Institute.

APPLICATION FEE

Application of non-refundable fee of Tshs.10,000/= should be done through the instructions provided in the electronic application form found in the Institute website; **www.nit.ac.tz**.

ADDITIONAL INFORMATION OR CLARIFICATION

You may seek additional information through the following phone numbers and email address: Tel:+255222400148/9; Fax: +255222443140;

Mobile: +255684757774; +255762 202 215; +255782-422199; +255658 858 058;
+255 755 380 075;

E-mail: **admission@nit.ac.tz**





FUTURE PROGRAMMES IN AVIATION

Long Programmes:	Short programmes:
<ul style="list-style-type: none"> • Masters of Travel and tourism • Masters Science in Air Transport Management • Bachelor of Aeronautical Engineering • Bachelor of Aircraft Maintenance engineering (Avionics) • Bachelor of Aerospace science with Commercial Pilot License • Bachelor of Aerospace science with Air Traffic Control • Bachelor of cabin crew with aviation safety and security • Bachelor of Science in Air Transport Management • Diploma in Aircraft Maintenance engineering (Avionics) • Diploma in Flight Operations • Diploma in Airport Operations • Pilot Programmes: <ul style="list-style-type: none"> ✓ Private Pilot License (PPL) ✓ Commercial Pilot License (CPL) ✓ Instrument Rating (IR) ✓ Multi-Engine Rating (ME) 	<ul style="list-style-type: none"> • Flight operations/flight dispatch • Airport operations • Cargo rating and marketing • Dangerous goods regulations • Modular Courses for Basic Aircraft Maintenance Engineer Licence without Type-Rating (LWTR): <ul style="list-style-type: none"> ✓ Airframe ✓ Power Plant ✓ Avionics – Electrical ✓ Avionics – Instruments ✓ Avionics - Radio Communication and Navigation ✓ Avionics – Radar



National Institute of Transport Learning Resource Center



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