

THE UNITED REPUBLIC OF TANZANIA



EASTERN AFRICA

STATISTICAL TRAINING CENTRE

EASTC NEWSLETTER



**The President of the 5th EASTC Convocation;
Guest of Honor;
Chairpersons and Members of EASTC Ministerial and
Regional Advisory Boards;
Academic and Staff of EASTC;
Alumni;
Students of EASTC;
Researchers and stakeholders in the public and private
sector;
EASTC benefactors;
Invited Guests;**



I appreciate this opportunity to offer remarks of the Rector of EASTC at this 5th EASTC Convocation. I appreciate the presence of our Guest of Honor, the Director General of the ICT Commission of Tanzania. I appreciate the presence of all our invited guests. I am grateful for the generous contribution of benefactors who have supported us with various equipments and gift awards to students in this academic year. I am excited by the theme and topic of this year convocation. The theme and topic allow this gathering to catch up, reflect and contribute openly to issues that are relevant in statistics and data science sector, professional life, research and teaching.

As you are aware, convocations within academic institutions are a well-established tradition. It is an academic ceremony that gathers academicians, students, alumni, public and private sector stakeholders and benefactors. It is the time for the university community to catch up with alumni, welcome new students, begin new and continue established relations with stakeholders and benefactors of a university. It is the time to exchange views on topical issues within the sector we work in, teach, research and innovate. For this matter, I invite all stakeholders and in particular the ICT Commission of Tanzania to pursue collaborative research with EASTC. I also invite the ICT Commission to support capacity building in ICT sector particularly in data science and mobile application creation that modernize production and dissemination of official statistics.

In this convocation I want to point out one significant development that has occurred at our Centre. The East African Community has funded the procurement of state-of-the-art computing facilities for the EASTC Data Lab. This modern data lab facility allows the Centre to offer data analysis services for the public sector institutions that collect, compile and need to analyze large public sector domain datasets. The public sector entities that will patronize our services will depend upon the advanced data analysis skills of experts at EASTC to achieve their data analysis objectives. Equally the government funded training of EASTC teachers at PhD level gives EASTC capacity to perform advanced research and consultancy as data analyst. I rightfully



foresee events like convocation as the platforms to show case and discuss publicly ongoing research; discover new research directions and even funding sources. It will be the time to discuss topics and themes that impact professional practice, research and teaching. This way, we will keep the centre and stakeholders alive and vibrant.

As I end my remarks, I also warmly welcome you all to the Eighth Graduation Ceremony of EASTC that will take place on Friday 2nd December 2022. I now declare this gathering as the Fifth Convocation of the Eastern Africa Statistical Training Centre. I also declare that this day marking the Fifth Convocation is the day to award prizes to all deserving parties that have been identified.

I thank you for your attention!



The Deputy Permanent Secretary - Ministry of Finance and Planning- Ms. Jenifa C. Omolo, addressing the Board members during the launching of EASTC Ministerial Board. Seated left is the Chairman of the EASTC Board, Prof. Ahmed Ame and right is the EASTC Rector Dr. Tumaini Katunzi.



EASTC Rector, Dr. Tumaini Katunzi, in a group photo with EASTC participants during the Science, Technology, and Innovation Exhibitions Week at Jamhuri Grounds in Dodoma.



The Rector, Dr. Tumaini Katunzi, awarding Ms. Rachel Nancy Njie, from Gambia a Certificate of competence after completing short-Course training in Data Management and Analysis held at EASTC in August 2022.



The Minister of Education and Vocational Training in the Revolutionary Government of Zanzibar, Lela Muhammed Mussa (second right) in a group photo with the EASTC marketing team during the 3rd Higher Education Exhibitions Week held at Mapinduzi Square (Zanzibar) in June 2022.



EASTC Rector, Dr. Tumaini Katunzi, giving a word of thanks to EASTC staff who participated in the tree planting exercise that was held at the Centre towards the African statistics day.



EASTC Rector, Dr. Tumaini Katunzi, planting a tree as part of celebrating statistics week held at EASTC in November 2022.



A section of EASTC Students Organisation leaders celebrating with their trophy after the conclusion of Football Match as part of the activities that took place during the Statistics Week.



The Chair Person of the Ministerial Advisory Board of Eastern Africa Statistical Training Centre Prof. Ahmed Ame (right) with the C.E.O of Uongozi Institute, Mr. Kadari Singo during special training of board members held at Sokoine University of Agriculture – Morogoro in December 2022.



EASTC Registrar, Dr. Joyce Justine Minja, holding the book she received as a gift to the Centre from Prof. Partha Rahiri, Director of Joint Program in Survey Methodology from the University of Maryland – India during a visit to the Centre in October 2022.



The Guest of Honour, Dr. Albina Chuwa, conferring a Master Degree of Official Statistics to one of the graduates during the 8th Graduation Ceremony held at EASTC on 2nd December 2022.



Graduates of the first degree in Official Statistics setting up graduation caps after being conferred the first degree by the Guest of Honour, Dr. Albina Chuwa, Director General of National Bureau Statistics.

SPEECH OF THE CHAIRPERSON OF THE EASTC REGIONAL ADVISORY BOARD AT THE EIGHTH GRADUATION CEREMONY HELD ON 02 DECEMBER 2022

Guest of Honour, Honorable Minister of Finance and Planning of the United Republic of Tanzania;
Chairperson and Members of the Ministerial Advisory Board;
Members of the Regional Advisory Board;
Rector;
Deputy Rectors;
Your Excellences Ambassadors and Resident Representatives of the United Nations Agencies;
Development partners;
Directors of Statistical Offices of EASTC member countries;
Staff, Graduands and continuing students of the Eastern Africa Statistical Training Centre;
Invited Guests;
Ladies and Gentlemen.

It is indeed a great pleasure to gather on this occasion marking the Eighth Graduation Ceremony of the Eastern Africa Statistical Training Centre. My special appreciation to you, Guest of Honour, for having been able to join us on this Graduation Ceremony, despite an intensive schedule. My appreciation to you our invited guests for coming.

Guest of Honour

The Regional Advisory Board of the Eastern Africa Statistical Training Centre expresses its gratitude to the Government of the United Republic of Tanzania for hosting, financing operations and development of physical as well as human resources of this unique institution that serves 19 member countries within Africa. I appreciate the patronage and support EASTC receives from the United Nations Economic Commission for Africa. I appreciate the support of the regional economic communities East African Community, Southern Africa Development Community and all development partners. I appreciate the work of the National Council for Technical and Vocational Education (NACTVET), Tanzania Commission for Universities (TCU), members of the EASTC Ministerial Advisory Board, management and staff in running this institution.

At this juncture, I want to express my gratitude to the East African Community that funded the procurement of state of the art computing facilities for the EASTC Data Lab. This modern data lab fa-



cility allows the Centre to offer data analysis services for the public sector institutions that collect, compile and need to analyze large public sector domain datasets. I want to assure public entities that EASTC has the expertise to assist your organization to achieve their data analysis objectives.

I rightfully urge my counterparts in the Ministerial Advisory Board of EASTC to strengthen the Centre's cooperation with the public sector to fully utilize the modern Data Lab that has been granted to the Centre by the East Africa Community.

Guest of Honour

On this memorable event, it is indeed a joy to celebrate the graduands who have met the requirements to be conferred various awards and launch their careers as competent statisticians within national, regional, continental and global statistical systems as well as responsible members of their communities pursuing various productive activities. Dear graduands, my heartfelt congratulations to you for this important achievement. I also congratulate the family and friends whose contributions have helped you reach this far. I hope that you will look back fondly on your days at EASTC. Surely learning doesn't stop after you graduate from here. It doesn't stop after you finish your Masters or PhD either. You advance in life by what you're willing to learn after you leave here. Therefore, I urge you all to go to the work world with an open mind and

a positive attitude that is eager for lifelong learning as a cornerstone for building one's productive capacity.

Let me also commend EASTC for the progress it continues to achieve. Notably in this year for developing the curriculum of the Specialized Masters of Agriculture Statistics that is sponsored by the United Nations Economic Commission for Africa together with the Global Strategy for Agriculture and Rural Statistics of the United Nations Food and Agriculture Organization. This new program closes the human resources capacity gap often noted in African statistical systems.

Guest of Honour

This year, several countries in East Africa prepared and conducted their population and housing censuses. In Tanzania, this exercise was completed as scheduled in August 2022. Similarly, Tanzania conducted its Digital Physical Address and Post Codes allocation to households and businesses premises. For the first time in Tanzania, it is possible digitally through devices connected to the internet also while walking on the roads of Tanzania's streets to identify house or business premise by street name, house number or building number. These two important exercises, that is; the Population Census and Housing Census also the Digital Physical Address exercise, occur at a time of great technological advancement in Tanzania which puts Tanzania on the path to digital transformation in public service offering and the conduct of economic activities by households and businesses in the private sector. I congratulate EASTC staffs from the ICT Department that contributed to the programming of the software that run in the tablet digital devices that replaced the paper questionnaire in the Tanzania Population and Housing Census exercise. I congratulate as well EASTC staff from the ICT Department that trained the Information Technology officers also the supervisors of this census. Tablet devices connected to the Census Operations Data Center permitted live transmission of statistical information collected from households to the data center hence allowing data analysis and announcement of census results early compared to previous censuses.

Guest of Honour

I have pointed out that Tanzania is on the path of digital transformation facilitated by availability and use of census data and digital physical addresses.

I now want to point out the opportunities available in the private sector for innovators who are digital entrepreneurs. At the present, Tanzania private sector has already launched 5G cellular technology that allows greater internet upload and downloads speeds. This is meant to in-

crease capacity for smartphones to process greater number of transactions for business services offered via the internet. Let me give an example, the transport sector has undergone significant change for which now households can obtain a taxi from the internet using their phones. Similarly, we are moving on to having households purchase commodities and consumer goods from the comfort of their smartphones connected to the internet. This trend towards e-commerce is a global one for which business competition is increasingly moving online even here in Tanzania.

From the perspective of EASTC, the Bachelor of Data Science degree program has enough content for a student to learn how to program Mobile Phone Applications to facilitate doing business on the internet.

Guest of Honour

I end my speech by reminding the EASTC Community about the upcoming International Association for Official Statistics (IAOS) World Conference that will take place in Zambia in April 2023. It is organized by the International Statistical Institute (ISI) and the Zambia Statistics Agency. It is an opportunity for EASTC to participate in deliberations that produce innovative solutions to challenges within official statistics production and use found within the African Statistical System.

It is as well joyful to remind that EASTC began operating in Dar es Salaam in the year 1965. In the next three years, EASTC will be 60 years. I appreciate the continuous support of all statistical stakeholders in the vision and mission of establishing statistical training centres in Africa. I have confidence that EASTC member countries, the public and private sector entities, parents and guardians of our students will continue to patronize EASTC training and research services also support production and use of official statistics.

With these remarks,

I thank you Guest of Honour. Also, I thank our esteemed guests, graduands and entire EASTC community for your kind attention.



A group photo between Presenters of the Convocation and Members of the high table During the 5th Convocation Ceremony held at EASTC on 1st December, 2022.



EASTC Rector, Dr. Tumaini Katunzi, (in the middle) in group photo with various religious leaders and other invited guests during the EASTC's forum on instilling and promoting morality and values.



EASTC Bachelor Degree Best student, Lucy Range, receiving award from DataVision International representative, Ms. Bwigane Issac Mulinda, during the 5th Convocation Ceremony held at EASTC on 1st December 2022.



EASTC Rector, Dr. Tumaini Katunzi, (seated third left) having some discussions with a section of Heads from other Higher Learning Institutions shortly before commencement of the Closing Ceremony of the Science, Technology and Innovation Exhibitions Week 2023 at Jamhuri Stadium in Dodoma.



Visitors receiving some explanations from one of the EASTC's staff on the various systems designed and formulated by the Centre ICT personnel for enhancement of efficiency and effectiveness at work during the Science, Technology and Innovation Exhibitions Week that took place at Jamhuri Stadium in Dodoma.



High Schools students signing the EASTC's visitor's book immediately after receiving some explanations concerning the core functions and services of EASTC during the Science, Technology and Innovation Exhibitions Week held at Jamhuri Stadium in Dodoma.



The President of the United Republic of Tanzania who was a Vice President of the United Republic of Tanzania during EASTC's 1st GRaduation Ceremony in November 2016

EASTC ADMISSION AND STUDENTS LOAN OFFICE



Title: Assistant Lecturer

Admission Officer/ Students Loans Officer

The EASTC Admission and Students Loans office serves under the EASTC Registrar and acts as a paramount link between students' registration, records, admission, matriculation and financial affairs and EASTC management. To pursue such initiatives, the office works in close liaison with various higher learning regulators and accrediting institutions such as National Council for Technical and Vocational Education and Training (NACTVET), and Tanzania Commission for Universities (TCU). Also, the office works as a close liaison between the EASTC students and the Higher Education Students Loans Board (HESLB) and Zanzibar Higher Education Loan Board (ZHELB) and other related financiers on matters pertaining to allocation and disbursement of fees. This aims to ensure all activities pertaining to students' registration and finance are adequately streamlined.



EASTC PROGRAMMES AND ENTRY QUALIFICATIONS

POSTGRADUATE PROGRAMMES

S/N	PROGRAMME	ADMISSION REQUIREMENTS	PROGRAMME DURATION (YRS)
1	Master of Official Statistics	A minimum of Bachelor's Degree in Statistics, Economics, Mathematics, Actuarial Science, Finance, Accounts, Commerce, IT, Computer Science, Engineering, Agriculture or other Science and Business related fields that have a strong background in mathematics from a recognized higher learning institution with a minimum GPA of 2.7	2
2	Postgraduate Diploma in Official Statistics	A minimum of Bachelor's Degree in Statistics, Economics, Mathematics, Actuarial Science, Finance, Accounts, Commerce, IT, Computer Science, Engineering, Agriculture or other Science and Business related fields that have a strong background in mathematics from a recognized higher learning institution and scored a GPA of less than 2.7	1
3	Master of Science in Agricultural Statistics	A minimum of Bachelor's Degree in Statistics, Official Statistics, Agricultural Statistic and Economics, Agribusiness, Economics, Mathematics, Actuarial Science, Finance, Accounts, Commerce, IT, Computer Science, Engineering, Agriculture or other Science and Business related fields that have a strong background in mathematics from a recognized higher learning institution with a minimum GPA of 2.7	2
4	Postgraduate Diploma in Agricultural Statistics	A minimum of Bachelor's Degree in Statistics, Official Statistics, Agricultural Statistics and Economics, Agribusiness, Economics, Mathematics, Actuarial Science, Finance, Accounts, Commerce, IT, Computer Science, Engineering, or other Science and Business related fields that have a strong background in mathematics from a recognized higher learning institution and scored a GPA of less than 2.7	1

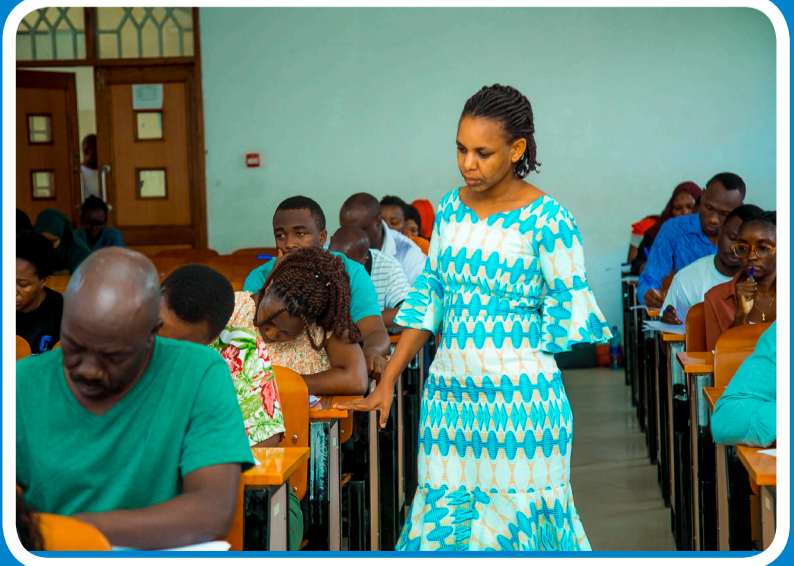
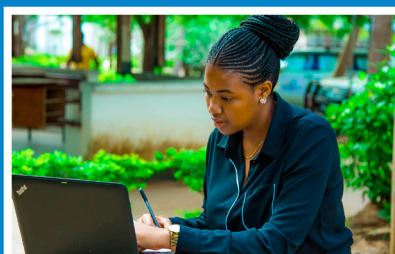




BACHELOR DEGREE PROGRAMMES ENTRY QUALIFICATIONS

1) HOLDERS OF FORM SIX (6) (ADVANCED CERTIFICATE OF SECONDARY EDUCATION) AND OFP FOUNDATION PROGRAMME OF OUT.

S/N	PROGRAMME	CODE	ADMISSION REQUIREMENTS	PROGRAMME DURATION (YRS)
1	Bachelor Degree in Official Statistics	EA001	Two principal passes in the following subjects: Advanced Mathematics, Physics, Chemistry, Biology, Accountancy, Agriculture, Geography, Economics, Computers or Commerce. If one of the principal passes is not in Advanced Mathematics, a Subsidiary pass in Basic Applied Mathematics or a minimum of "D" grade in Mathematics at O-Level is required or Foundation Programme of the OUT with a minimum GPA of 3.0.	3
2	Bachelor Degree in Data Science	EA002	Two principal passes in the following subjects: Advanced Mathematics, Physics, Chemistry, Biology, Accountancy, Agriculture, Geography, Computers, Economics or Commerce. If one of the principal passes is not in Advanced Mathematics, a Subsidiary pass in Basic Applied Mathematics or a minimum of "D" grade in Mathematics at O-Level is required or Foundation Programme of the OUT with a minimum GPA of 3.0.	3
3	Bachelor Degree in Business Statistics and Economics	EA003	Two principal passes in the following subjects: Advanced Mathematics, Physics, Chemistry, Biology, Accountancy, Agriculture, Geography, Economics, Computers or Commerce. If one of the principal passes is not in Advanced Mathematics, a Subsidiary pass in Basic Applied Mathematics or a minimum of "D" grade in Mathematics at O-Level is required or Foundation Programme of the OUT with a minimum GPA of 3.0.	3
4	Bachelor Degree in Agriculture Statistics and Economics		Two principal passes in the following subjects: Advanced Mathematics, Physics, Chemistry, Biology, Accountancy, Agriculture, Geography, Economics, Computers, Commerce or Nutrition. If one of the principal passes is not in Advanced Mathematics, a Subsidiary pass in Basic Applied Mathematics or a minimum of "D" grade in Mathematics at O-Level is required or Foundation Programme of the OUT with a minimum GPA of 3.0.	3





BACHELOR DEGREE PROGRAMMES ENTRY QUALIFICATIONS

2) HOLDERS OF ORDINARY DIPLOMA/EQUIVALENT QUALIFICATIONS

S/N	PROGRAMME	CODE	ADMISSION REQUIREMENTS	PROGRAMME DURATION (YRS)
1	Bachelor Degree in Official Statistics	EA001	Diploma or Full Technician Certificate (FTC) in Statistics, Computing and Information Technology, Computer Science, Information Technology, Accounting, Transport Finance, Taxation, Banking and Finance, Custom and Tax Administration, Business Information Technology, Procurement, Insurance and Risk Management, Business Management, Business Administration, Development Planning, Community Development, Engineering, Education (Mathematics, Biology, Physics, Chemistry, Information and Communication Technology, Geography or Agriculture), Science and Technology, Health related programmes or Economics with an average of "B" or a minimum GPA of 3.0	3
2	Bachelor Degree in Data Science	EA002	Diploma or Full Technician Certificate (FTC) in Data Science, Computer engineering, Computer Science, Computing Information Technology, Information Communication Technology, Business Administration, Business Information Technology, Statistics, Economics and Finance, Banking and Finance, Taxation, Insurance and Risk Management, Education (Mathematics, Biology, Physics, Chemistry, ICT, Geography, Economics, Commerce, Accounts), Electrical and Electronic Engineering, Telecommunications Engineering, Engineering Sciences, Agriculture with an average of "B" or a minimum GPA of 3.0	3
3	Bachelor Degree in Business Statistics and Economics	EA003	Diploma or Full Technician Certificate (FTC) in Statistics, Computing and Information Technology, Computer Science, Information Technology, Accounting, Transport Finance, Taxation, Banking and Finance, Custom and Tax Administration, Business Information Technology, Procurement, Insurance and Risk Management, Business Management, Business Administration, Development Planning, Community Development, Engineering, Education (Mathematics, Biology, Physics, Chemistry, Information and Communication Technology, Geography or Agriculture), Science and Technology, Health related programmes or Economics with an average of "B" or a minimum GPA of 3.0	3
4	Bachelor Degree in Agriculture Statistics and Economics		Diploma or Full Technician Certificate (FTC) in Statistics, Agriculture Statistics, Agriculture, Agriculture Production, General Agriculture, Veterinary Laboratory and Technology, Animal Health and Production, Health and Allied Sciences, Education (Mathematics, Biology, Physics, Chemistry, Information and Communication Technology, Geography or Agriculture), Business Administration, Accountancy, Economics and Finance, Economics and Development with an average of "B" or a minimum GPA of 3.0	3



DIPLOMA AND CERTIFICATE PROGRAMMES ENTRY QUALIFICATIONS

S/N	PROGRAMME	ADMISSION REQUIREMENTS	PROGRAMME DURATION (YRS)
1	Diploma in Statistics	<p>Advanced Level Certificate in Secondary Education (ACSEE) with a minimum of E and S in Advanced Mathematics, Physics, Chemistry, Biology, Geography, Accounts, Economics, Commerce, Agriculture or its equivalent as established by NACTE based on Tanzanian education system. If one of the passes is not in Advanced Mathematics or Subsidiary in BAM, a pass in O' Level Basic Mathematics is required.</p> <p style="text-align: center;">OR</p> <p>Certificate (NTA 4) in Statistics, Business Administration, Accounting, Computer Science, ICT, or its equivalent as established by NACTE or NECTA based on Tanzania's education system.</p>	2
2	Diploma in Information Technology	<p>Advanced Level Certificate Secondary Education (ACSEE) with any E (Principal) and S (Subsidiary) in non-religious subjects.</p> <p style="text-align: center;">OR</p> <p>Certificate (NTA 4) in Business Information Technology, Information Technology with Accounting, Information Technology, Computer Science, ICT, Statistics or any other ICT related programmes</p>	2
3	Certificate in Statistics	<p>An Ordinary Level secondary certificate with at least Four Passes including mathematics and English or its equivalent established by NECTA based on Tanzania Education system.</p> <p style="text-align: center;">OR</p> <p>NVA 3 with at Least Two Passes (Two D's) in Non-Religious subjects at O' Level.</p>	1
4	Certificate in Information Technology	<p>An Ordinary Level secondary certificate with at least Four Passes in Non- Religious Subjects or its equivalent established by NECTA based on Tanzania Education system.</p> <p style="text-align: center;">OR</p> <p>NVA 3 with at Least Two Passes (Two D's) in Non-Religious subjects at O' Level.</p>	1

APPLICATIONS PROCEDURE

Interested applicants are invited to submit their applications online through EASTC website; www.eastc.ac.tz OR click olap.eastc.ac.tz to directly Login for Application.

For further information on application enquiries contact EASTC Admission Office on **0713988952** OR the Main Office on **0784784106** OR visit the Centre admission office for further enquiries and adequate support.

Plan with Figures!!

