

MBEYA UNIVERSITY OF SCIENCE AND TECHNOLOGY
COLLEGE OF ARCHTECTURE AND CONSTRUCTION TECHNOLOGY
DEPARTMENT OF ARCHITECTURE AND ART DESIGN

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P.O. Box 131,
Mbeya,
Tanzania.

22/09/2021

SHORT COURSE ANNOUNCEMENT

Introduction:

Department of Architecture and Art design(DAAD) is under College of Architecture and Art design (CoACT) at Mbeya university of Science and technology(MUST). The department provides short courses to increase skills and knowledge in design and construction. The department invites applications for short courses in computer-aided design(CAD) software namely Auto CAD, Arch CAD and Rendering Software (Artantis Studio and Lumion) which will be conducted in Mbeya MUST Main Campus from 13th to 24th December 2021.

Learning Objectives:

Participants will be able to learn on how to use the software on design and modelling of different types of buildings using CAD software.

Course contents:

COARSE	DESCRIPTION
Auto CAD	<ul style="list-style-type: none">- Create new drawing using different methods.- Customize toolbars- Describe the functions of command window, UCS, WCS, status bar elements- Save a new drawing in different format- Close or exiting a drawing
	<ul style="list-style-type: none">- Draw lines using different methods- Draw circles and arcs using different methods- Create polygons and rectangles
	<ul style="list-style-type: none">- Hatching walls and other spaces with various materials- Draw a wall using multiline command- Format dimension style
	<ul style="list-style-type: none">- Assign layers to drawing elements- Apply modify command in creating an architectural drawing- Inserting objects in architectural drawing
	<ul style="list-style-type: none">- Open and save an Arch CAD document- Apply toolbox in creating architectural drawings
	<ul style="list-style-type: none">- Apply materials and objects in ArchCAD

	- Set storey's, levels and - layers in ArchCAD
	- Create elevations, sections and 3D images in Arch CAD
	- Create Master Layout - Create New Sub set - Print Document
Rendering Software (Artantis Studio and Lumion)	Artantis Studio <ul style="list-style-type: none"> - Initiation in Artlantis - based on the installed demo file - About the Artlantis engine - new engine, rendering parameters and optimization, new functions introduced by the new engine - Working with cameras - setting up camera parameters, environmental lights, backgrounds, site insertion - Working with materials - material types, saving shaders, resources - Working with objects - object types, saving objects, resources - Setting up lights - manipulating lights, artificial lights, neon shader - Panoramas, VR Objects, animations - settings, output
	Lumion 3D <ul style="list-style-type: none"> - Getting Ready for Lumion 3D - Creating a Project in Lumion - Importing 3D Models - Applying and Creating Materials - Creating Your 3D World - Lighting in Lumion - Creating Realistic Visualizations - Non-photorealistic Visualizations with Lumion - Animation Techniques - Advanced Features

Target group:

Individuals engaged in architecture, landscape design, interior design, construction works and other related activities.

Course Fee:

Fee for **EACH** course will be;TZS 400,000/= for Tanzanian

USD 400 for Non Tanzanian

Application form:

Application form fee for this training will be; TZS 5000/=

Application form is available to the following platforms:

- <https://www.mustnet.ac.tz>
- Head of Department-Architecture and Art Design(DAAD) Office

Application Form and course fee should be paid through control number obtained from university account offices (contact coordinators)

Application deadline:

Application deadline will on 4th December 2021

Submission:

Application form should be submitted to the following address;

Email: kjkajumulo@gmail.com , gbagumisa@ymail.com **OR** Department Architecture and Art Design (DAAD) Office

For further enquiries contact the following;

Contact No; 0767685782, 0673456072

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SHORT COURSE APPLICATION FORM

APPLICANT PARTICULARS:

FIRST NAME:

MIDDLE NAME:

SIRNAME:

GENDER

AGE

WORK OFFICE:

OCCUPATION:

PHYSICAL ADDRESS:

POSTAL ADDRESS.....

WARD

DISTRICT/MUNICIPAL

REGION

CONTACTS

MOBILE:

E-MAIL:

EDUCATION BACKGROUND

LEVEL OF EDUCATION :(Tick () where appropriate)

Standard seven ☐

Form IV ☐

Form VI ☐

Diploma /Certificate ☐

Degree/ above ☐

DECLARATION

APPLICANT NAME:

APPLICANT SIGNATURE:

DATE:

Application Form and course fee should be paid through control number obtained from Mbeya University of Science and Technology (consult coordinators)

Application form and bank pay slip should be sent by email shown below:

Email: kjkajumulo@gmail.com , gbagumisa@ymail.com **OR** Department Architecture and Art Design (DAAD) Office

Contacts: 0767685782, 0673456072