

HIGHER NITEC IN SERVICES – COMMUNICATION DESIGN

Course Code: HS2CD / Plan Code: HS2CD

COURSE OBJECTIVE

This course equips students with the skills and knowledge to perform in key functional areas in graphic designs, web development, digital media tools and techniques and multi-media production through 2 specialisations:

1. Graphic Design specialisation equips students with essential skills in visual communication and design principles to create visually appealing and effective designs for various mediums, including print and digital platforms.
2. Animation & Motion Graphics specialisation equips students with animation principles, storytelling techniques, and how to bring characters and objects to life through movement using various software and tools to create professional-grade animations that showcases their proficiency in animation and motion graphics.

COURSE STRUCTURE

Core/Specialisation Modules

S/N	Module Details	Module Code	Module Objectives
MSC1: Image & Digital Illustration			
C1	Digital Illustration 10 (T) 50 (P) Credits 3 Prerequisite: Nil	CD33003FP	On completion of the module, students should be able to apply various techniques used in digital illustration and create appealing assets for different media platforms.
		Equivalent Code DM4021FP DM4014FP	
C2	Image Making 10 (T) 50 (P) Credits 3 Prerequisite: Nil	CD43001FP	On completion of the module, students should be able to apply various techniques used in digital imaging and develop the visual concept.
		Equivalent Code DM4013FP	
Specialisation Modules (Graphic Design)			
MSC2: Graphic Design Process			
C3	Advanced Digital Imaging 20 (T) 40 (P) Credits 3 Prerequisite: Nil	CD43103FP	On completion of the module, students should be able to apply digital imaging techniques using image-editing software to create graphics and illustration.
		Equivalent Code DM4022FP	
C4	Identity & Layout Design 10 (T) 50 (P) Credits 3 Prerequisite: Nil	CD43104FP	On completion of the module, students should be able to create pictograms and apply effective typography onto design layouts and compositions using software applications.
		Equivalent Code Nil	
MSC3: Web Design Application			
C5	User Experience Design & Prototyping 10 (T) 50 (P) Credits 3 Prerequisite: Nil	CD43105FP	On completion of the module, students should be able to create interfaces with a focus on enhancing user satisfaction by improving usability and accessibility.
		Equivalent Code DM5040FP	
C6	Web Technologies Essentials 10 (T) 50 (P) Credits 3 Prerequisite: Nil	CD43106FP	On completion of the module, students should be able to create a desktop website (2 pages) using HTML5, CSS3.
		Equivalent Code DM4023FP	

C7	Content Management System 10 (T) 50 (P) Credits 3 Prerequisite: Nil	CD53101FP	On completion of the module, students should be able to create, manage, and publish dynamic web content using Content Management System (CMS).
		Equivalent Code DM5038FP	
MSC4 Branding			
C8	Typography & Infographics 10 (T) 50 (P) Credits 3 Prerequisite: Nil	CD43101FP	On completion of the module, students should be able to customise typography and create infographic from given data.
		Equivalent Code Nil	
C9	Advanced Digital Photography 10 (T) 50 (P) Credits 3 Prerequisite: Nil	CD43102FP	On completion of the module, students should be able to apply the proper techniques in photography and understand the use of various photographic equipment.
		Equivalent Code DM4022FP	
C10	Brand Applications 10 (T) 50 (P) Credits 3 Prerequisite: Nil	CD53103FP	On completion of the module, students should be able to design and develop innovative applications using various forms and materials while demonstrating knowledge of effective print packaging and prepress concepts and techniques.
		Equivalent Code Nil	
Specialisation Modules (Animation & Motion Graphics)			
MSC2: Motion Design			
C3	Motion Graphics 10 (T) 50 (P) Credits 3 Prerequisite: Nil	CD43201FP	On completion of the module, students should be able to produce visually engaging motion graphics sequence for various relevant media platforms.
		Equivalent Code DM4015FP	
C4	2D Animation 10 (T) 50 (P) Credits 3 Prerequisite: Nil	CD43202FP	On completion of the module, students should be able to create animation using the animation technique and workflow.
		Equivalent Code DM4013FP	
MSC3: 3D Animation			
C5	3D Modelling 10 (T) 50 (P) Credits 3 Prerequisite: Nil	CD43203FP	On completion of the module, students should be able to create hard surface 3D elements using various techniques and methodologies.
		Equivalent Code Nil	
C6	3D Texturing 10 (T) 50 (P) Credits 3 Prerequisite: Nil	CD43205FP	On completion of the module, students should be able to apply UV mapping and layout to 3D models and export them into real time engine.
		Equivalent Code DM4016FP DM4011FP	
C7	3D Animation 10 (T) 50 (P) Credits 3	CD43206FP	On completion of the module, students should be able to create 3D character Keyframe animation and perform retargeting animation.
		Equivalent Code Nil	
MSC4 Media Production			
C8	Video Editing 10 (T) 50 (P) Credits 3 Prerequisite: Nil	CD43204FP	On completion of the module, students should be able to create seamless visual effects with the application of rotoscoping, keying and tracking techniques.
		Equivalent Code DM4015FP DM4009FP	
C9	Compositing 10 (T) 50 (P) Credits 3 Prerequisite: Nil	CD53201FP	On completion of the module, students should be able to composite shots on various relevant media platforms.
		Equivalent Code DM4014FP DM5010FP	

C10	Cinematic Lighting and Rendering 10 (T) 50 (P) Credits 3 Prerequisite: Nil	CD53202FP	On completion of the module, students should be able to assemble 3D assets in a real-time rendering engine with materials, lighting, and cinematic framing techniques.
		Equivalent Code DM4011FP	

Abbreviations: T - Theory, P - Practical, MSC - Modular Skills Certificate

CREDITS FOR CERTIFICATION

Total of 30 credits from successful completion of 10 Core/Specialisation modules.

Applicants who do not meet the entry requirements for Core/Specialisation modules will need to complete 12 credits from 4 Foundation modules before taking Core/Specialisation modules.

Foundation Modules

S/N	Module Details	Module Code	Module Objectives
F1	Visualisation Techniques 10 (T) 50 (P) Credits 3 Prerequisite: Nil	DM33001FP	On completion of the module, students should be able to apply important skills in visual thinking, design visualization, freehand design sketching and rendering of design.
		Equivalent Code Nil	
F2	Introduction to Photography & Videography 10 (T) 50 (P) Credits 3 Prerequisite: Nil	DM33002FP	On completion of the module, students should be able to apply proper techniques in photography and videography using smart devices.
		Equivalent Code Nil	
F3	Media Creation Fundamentals 20 (T) 40 (P) Credits 3 Prerequisite: Nil	DM33003FP	On completion of the module, students should be able to create digital media based on the design requirements using the appropriate applications.
		Equivalent Code Nil	
F4	Design Process & Fundamentals 20 (T) 40 (P) Credits 3 Prerequisite: Nil	DM33004FP	On completion of the module, students should be able to apply important skills in setting design statement, creating image boards, freehand design sketching and explaining the rationale of their concept drawing.
		Equivalent Code Nil	

Abbreviations: T - Theory, P - Practical

VENUE

ITE College Central

Note:

- 1) The training schedule of lessons is subject to change.
- 2) Depending on the demand, not all the modules in the CET *Higher Nitec* in Services courses will be offered in each intake. Where the modules are offered and there is insufficient enrolment, the classes will be cancelled and a full refund will be given to the affected students.