COURSE CONTENT

Course Code	DM5001 (DM8001)
Course Title	Web Design
Pre-requisites	NIL
No of AUs	3
Contact Hours	39 hours studio contact

Course Aims
This course aims to introduce you to the fundamental concepts of designing and developing for the web with a focus on front-end design. Students will learn HTML, the core principles of CSS and be introduced to JQuery and other frameworks through hands-on demonstrations. HTML and CSS in particular are a useful for introducing and easing art/design students to coding environments and more advanced programming languages. In addition, you will be exposed to aspects of user-interface design via wireframing and prototyping as well as being aware of design trends and technical requirements such as responsive design. This course prepares you for learning more advanced web development principles, working with Content Management Systems as well as hands-on, professional web development.

Intended Learning Outcomes (ILO)
By the end of the course, you should be able to: 1. Plan and execute a design strategy for the creation of a web-based project 2. Develop website/web application design and front-end development 3. Implement a fully responsive approach to browser-based/mobile application 4. Present, discuss and evaluate Web Design in a clear and cohesive manner. 5. Contribute to the learning environment by participating positively to class discussion, critiques and activities relating to Web Design creation and projects.

Course Content
Hands-on Training The core aspects of this course entails practical demonstrations and implementation of markup language (HTML), cascading style sheets (CSS) as well as an overview and introduction to implementing 3rd party Javascript (JQuery) plugins **Theoretical and Practical Phases** Building a website is not just about coding. You will choose a subject matter, research the content required and decide how that content needs to be presented and laid out. They will touch on aspects of user experience and user interface in order plan, prototype and test a small website. The last step in the process is take a final design and code it up into a live functional website using the skills learnt through the Hands-on-Training. **Class assignments** This module consists one main assignment which spans the duration of the module pulling together all phases being learnt. It is broken down into 4 components; planning, research, design, coding. In addition, you have to document their journey and justify design decisions, evaluate their work and provide evidence of research and learning experience.