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| Module Code | SS-3402 | | |
| Module Title | World Wide Web and Applications | | |
| Degree/Diploma | Undergraduate GenNEXT Bachelor degree | | |
| Type of Module | Breadth | | |
| Modular Credits | 4 | Total Student Workload | 10 hours/week |
| | | Contact Hours | 4 hours/week |
| Pre-requisite | None | | |
| Anti-requisite | None | | |
| Aims | | | |
| In this module, the student learns non-technical issues in the design of websites and learns how to build static web and dynamic sites. | | | |
| Learning Outcomes | | | |
| <i>On Successful completion of this module, a student will be expected to be able to:</i> | | | |
| Lower order: | 20% | - discuss how the Web is being used as an application platform | |
| Middle order: | 60% | - design user-friendly static websites | |
| Higher order: | 20% | - use raw HTML and CSS to build static and dynamic websites - use standalone and online tools to build static and dynamic websites | |
| Module Contents | | | |
| <ul style="list-style-type: none"> - Web applications: collaboration, e-business, e-forums, personal email and organizer, social site, news and blogs - Web design: aesthetics, functionality, navigation - Web languages: HTML, XHTML, CSS, PHP, JavaScript - Design tools: document converter, WYSIWYG editor, HTML editor, online wiki | | | |
| Assessment | Formative assessment | Interactive Quizzes and Feedback | |
| | Summative assessment | Examination: 50% Coursework: 50% <ul style="list-style-type: none"> - 2 class tests (20%) - 2 written assignments (30%) | |