

COURSE INF2200: INFORMATION HIGHWAY 2**Level:** Intermediate**Theme:** Dynamic Environment**Prerequisite:** None**Description:** Students learn how to produce a web page for the Internet.**Parameters:** Access to computer workstation and the Internet.**Supporting Course:** INF1090 Information Highway 1**Curriculum and Assessment Standards**

General Outcomes	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> • research characteristics of an effective web page • design, create and present a web page 	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> • researching and providing examples of effective web pages showing: <ul style="list-style-type: none"> – appropriateness to bandwidth available – a visually pleasing design – a suitably organized layout – appropriate links. <p><i>Assessment Tool</i> <i>Assessment Guide: Information Highway 2 – Researching/Evaluating Tool (INF2200–1)</i> <i>Standard</i> <i>Rating of 2 for all applicable tasks</i></p> <ul style="list-style-type: none"> • designing, creating and presenting a web page(s) with a consistent theme ensuring that: <ul style="list-style-type: none"> – the page(s) should include text, graphics, links and anchors – use if made of accepted guidelines of layout and design. <p><i>Assessment Tool</i> <i>Assessment Guide: Information Highway 2 – Designing/Creating, Documentation/Presentation (INF2200–1)</i> <i>Standard</i> <i>Rating of 2 for all applicable tasks</i></p>	<p>20</p> <p>50</p>

COURSE INF2200: INFORMATION HIGHWAY 2 (continued)

General Outcomes	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> • enhance web page to improve features and functions • apply, consistently, appropriate workstation routines • demonstrate basic competencies. 	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> • presenting changes and describing reasons for change. <p><i>Assessment Tool</i> <i>Assessment Guide: Information Highway 2 – Enhancing, Documentation/Presentation INF2200–1</i></p> <p><i>Standard</i> <i>Rating of 2 for all applicable tasks</i></p>	20
	<ul style="list-style-type: none"> • demonstration of appropriate workstation routines. <p><i>Assessment Tool</i> <i>Assessment Checklist: Workstation Routines and Management (INFWRKSTN)</i></p> <p><i>Standard</i> <i>Rating of:</i> <i>2 – Workstation Use</i> <i>3 – File Management</i> <i>2 – Time Management/Organization</i> <i>3 – Professionalism</i></p>	10
	<ul style="list-style-type: none"> • observation of individual effort and interpersonal interaction during the learning process. <p><i>Assessment Tool</i> <i>Basic Competencies Reference Guide and assessment tools noted above</i></p>	Integrated throughout

Concept	Specific Outcomes	Notes
Research and Evaluate	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • identify acceptable guidelines for creating web pages • list sites that present guidelines for web pages • evaluate a variety of web pages for use of accepted guidelines and ease of use • access several of their effective sites • explain the effective elements of the site being viewed 	Bookmarks.

MODULE INF2200: INFORMATION HIGHWAY 2 (continued)

Concept	Specific Learner Expectations	Notes
Research and Evaluate (continued)	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • use a variety of search strategies to find effective sites • identify and organize resources • outline key purpose of web pages • identify key target audiences • describe and use bookmarks to organize research sources • access information on creating web pages. 	<p>E.g., Lycos, Excite, Web Crawler.</p> <p>Development Guide for www pages– http://www.cox.xmu.edu/workbench/wbstandards.htm.</p> <p>Additional programming skills can be developed using modules from the Programming theme.</p>
Design and Creation	<ul style="list-style-type: none"> • design a home page layout that incorporates the design elements of an effective web page • create a web page(s) using appropriate development sources • present pages that include text, graphics, links and anchors • test (using available browser) and debug (using available text editor). 	<p>The page may also include sound, animation, 3D graphics, etc.</p>
Documentation and Presentation	<ul style="list-style-type: none"> • properly cite all resources used • identify which areas of web page need monitoring/updating • present web page • provide a guide for new users of the web page. 	
Enhancement	<ul style="list-style-type: none"> • evaluate the impact of the web page • identify potential layout improvements • enhance a newly created or existing web page by: <ul style="list-style-type: none"> – updating data – editing web page (e.g., text, graphics) – adding/modifying special feature(s) • explain reasons for the changes • present enhanced web page. 	

MODULE INF2200: INFORMATION HIGHWAY 2 (continued)

Concept	Specific Learner Expectations	Notes
Workstation Management	<p><i>The student should:</i></p> <ul style="list-style-type: none">• apply efficient workstation positions and routines that encourage:<ul style="list-style-type: none">– good health and safety (posture, positioning of hardware and furniture)– security for hardware, software, supplies and personal work• demonstrate efficient and appropriate use of time and resources:<ul style="list-style-type: none">– start-up procedures– organization of work area– closing procedures• apply effective decision-making strategies when using the Internet• use related terminology to describe basic protocols, processes and tools.	