

MODULE INF3190: INFORMATION HIGHWAY 3**Level:** Advanced**Theme:** Dynamic Environment**Prerequisite:** INF2200 Information Highway 2**Module Description:** Students develop and maintain an Internet/intranet web site that makes use of advanced features.**Module Parameters:** Access to networked computer workstation and the Internet.**Curriculum and Assessment Standards**

Module Learner Expectations	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> • develop a multipage web site to be placed on the Internet or a local intranet 	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> • developing a multipage web site (on an agreed upon topic), which includes: <ul style="list-style-type: none"> – evidence of preplanning – a visually pleasing design – a suitably organized layout – appropriate links, text, graphics, anchors, plus advanced feature(s). <p><i>Assessment Tool</i> <i>Assessment Guide: Information Highway 3 – Researching/Designing/Creating (INF3190–1)</i></p> <p><i>Standard</i> <i>Rating of 3 for all applicable tasks</i></p>	35
<ul style="list-style-type: none"> • present and describe to a group, the advanced features of a web site 	<ul style="list-style-type: none"> • presentation or report that includes: <ul style="list-style-type: none"> – demonstrating how the advanced feature(s) works on the page – explain the procedures followed to make the advanced feature(s) work – assist others to include the same advanced feature(s) in their own project. <p><i>Assessment Tool</i> <i>Assessment Guide: Information Highway 3 – Presenting/Documenting (INF3190–1)</i></p>	20

MODULE INF3190: INFORMATION HIGHWAY 3 (continued)

Module Learner Expectations	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> • maintain and enhance a web site 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"> • demonstration of effective and efficient maintenance and enhancement of a web site by: <ul style="list-style-type: none"> – updating data – editing text, sound, animation, graphics, etc. <p><i>Assessment Tool</i> <i>Assessment Guide: Information Highway 3 – Maintaining/Enhancing (INF3190-1)</i></p> <p><i>Standard</i> <i>Rating of 3 for all applicable tasks</i></p> <ul style="list-style-type: none"> • demonstration of appropriate workstation routines. <p><i>Assessment Tool</i> <i>Assessment Checklist: Workstation Routines and Management (INFWRKSTA)</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> <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>	<p>35</p> <p>10</p> <p>Integrated throughout</p>

Concept	Specific Learner Expectations	Notes
<p>Site Research and Design</p>	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • plan the web site pages using a storyboard or similar tool • research available features of effective web sites and choose which one(s) to include. 	

MODULE INF3190: INFORMATION HIGHWAY 3 (continued)

Concept	Specific Learner Expectations	Notes
Site Creation	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • create the web site including: <ul style="list-style-type: none"> – pages – text – graphics – links/anchors – advanced feature(s) (e.g., sound, animation, 3D graphics, video) • format information in an acceptable and creative style • test and debug web site. 	
Presentation and Documentation	<ul style="list-style-type: none"> • display the web pages to a group <ul style="list-style-type: none"> – use available presentation • describe how the advanced feature(s) function • instruct a group on how to program the feature(s) into their pages • assist others in the use of the feature(s) • properly cite all resources. 	
Maintenance and Enhancement	<ul style="list-style-type: none"> • identify which areas of web pages need monitoring and updating • evaluate the impact of the web site • using a newly created or existing web site: <ul style="list-style-type: none"> – update data – edit web site (e.g., graphics) – add/modify special feature(s) 	<p>This page will include at least one of sound, animation, 3D graphics, video, frames, etc.</p>

MODULE INF3190: INFORMATION HIGHWAY 3 (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.	