

MASTER SYLLABUS

Course Discipline Code & No: HSC 138 Title: General and Therapeutic Nutrition Effective Term W 2010Division Code: HATDepartment Code: NHSDOrg #: 15200Don't publish: ☐ College Catalog ☐ Time Schedule ☐ Web Page**Reason for Submission.** Check all that apply.

- ☐ New course approval
☒ Three-year syllabus review/Assessment report
☐ Course change
- ☐ Reactivation of inactive course
☐ Inactivation (Submit this page only.)

Change information: Note all changes that are being made. Form applies only to changes noted.

- ☐ Consultation with all departments affected by this course is required.
☐ Course discipline code & number (was _____)*
 *Must submit inactivation form for previous course.
☐ Course title (was _____)
☒ Course description
☐ Course objectives (minor changes)
☐ Credit hours (credits were: _____)
- ☐ Total Contact Hours (total contact hours were: _____)
☐ Distribution of contact hours (contact hours were:
 lecture: _____ lab _____ clinical _____ other _____)
☐ Pre-requisite, co-requisite, or enrollment restrictions
☐ Change in Grading Method
☒ Outcomes/Assessment
☒ Objectives/Evaluation
☐ Other _____

Rationale for course or course change. Attach course assessment report for existing courses that are being changed.

Regular three year review.

Approvals Department and divisional signatures indicate that all departments affected by the course have been consulted.**Department Review by Chairperson**☐ New resources needed☐ All relevant departments consultedPrint: Gloria A. Velarde
Faculty/PreparerSignature Gloria A. VelardeDate: 9/22/09Dept. Chair Recommendation ☒ Yes ☐ NoPrint: Gloria A. Velarde
Department ChairSignature Gloria A. VelardeDate: 9/22/09**Division Review by Dean**☐ Request for conditional approvalRecommendation ☒ Yes ☐ NoDean's/Administrator's Signature [Signature]Date 9/22/09**Curriculum Committee Review**

Recommendation

☐ Tabled ☒ Yes ☐ NoCurriculum Committee Chair's Signature [Signature]Date 10/27/09**Vice President for Instruction Approval**Vice President's Signature [Signature]Date 10/28/09Approval ☒ Yes ☐ No ☐ Conditional

Do not write in shaded area.

Log File 9/22/09 j Ecopy ☐ Banner ☐ C&A Database ☐ C&A Log File ☐ Basic skills ☐ Contact fee ☐Please return completed form to the Office of Curriculum & Assessment and email an electronic copy to sjohn@wccnet.edu for posting on the website.

Office of Curriculum & Assessment

<http://www.wccnet.edu/departments/curriculum/>

Approved by Assessment Committee 10/06 (last update 2/09)

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***Complete ALL sections which apply to the course, even if changes are not being made.**

Course: HSC 138	Course title: General and Therapeutic Nutrition
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Credit hours: <u>2</u> If variable credit, give range: _____ to _____ credits	Contact hours per semester: <table border="1"> <thead> <tr> <th></th> <th><u>Student</u></th> <th><u>Instructor</u></th> </tr> </thead> <tbody> <tr> <td>Lecture:</td> <td><u>30</u></td> <td><u>30</u></td> </tr> <tr> <td>Lab:</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Clinical:</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Practicum:</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Other:</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Totals:</td> <td><u>30</u></td> <td><u>30</u></td> </tr> </tbody> </table>		<u>Student</u>	<u>Instructor</u>	Lecture:	<u>30</u>	<u>30</u>	Lab:	_____	_____	Clinical:	_____	_____	Practicum:	_____	_____	Other:	_____	_____	Totals:	<u>30</u>	<u>30</u>	Are lectures, labs, or clinicals offered as separate sections? ☐ Yes - lectures, labs, or clinicals are offered in separate sections ☐ No - lectures, labs, or clinicals are offered in the same section	Grading options: ☐ P/NP (limited to clinical & practica) ☐ S/U (for courses numbered below 100) ☒ Letter grades
	<u>Student</u>	<u>Instructor</u>																						
Lecture:	<u>30</u>	<u>30</u>																						
Lab:	_____	_____																						
Clinical:	_____	_____																						
Practicum:	_____	_____																						
Other:	_____	_____																						
Totals:	<u>30</u>	<u>30</u>																						

Prerequisites. Select one:

☒ College-level Reading & Writing

☐ Reduced Reading/Writing Scores

☐ No Basic Skills Prerequisite

(Add information at Level I prerequisite)

(College-level Reading and Writing is not required.)

In addition to Basic Skills in Reading/Writing:

Level I (enforced in Banner)

Course	Grade	Test	Min. Score	Concurrent Enrollment Can be taken together	Corequisites Must be enrolled in this class also during the same semester
☐ and ☐ or _____	_____	_____	_____	☐	_____
☐ and ☐ or _____	_____	_____	_____	☐	_____
☐ and ☐ or _____	_____	_____	_____	☐	_____
☐ and ☐ or _____	_____	_____	_____	☐	_____

Level II (enforced by instructor on first day of class)

Course	Grade	Test	Min. Score
☐ and ☐ or _____	_____	_____	_____
☐ and ☐ or _____	_____	_____	_____

Enrollment restrictions (In addition to prerequisites, if applicable.)

☐ and ☐ or Consent required

☐ and ☐ or Admission to program required

☐ and ☐ or Other (please specify):

Program: _____

Please send syllabus for transfer evaluation to:

Conditionally approved courses are not sent for evaluation.

Insert course number and title you wish the course to transfer as.

☒ E.M.U. as _____

☐ _____ as _____

☒ U of M as _____

☐ _____ as _____

☐ _____ as _____

☐ _____ as _____

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Course HSC 138	Course title General and Therapeutic Nutrition	
Course description State the purpose and content of the course. Please limit to <u>500</u> characters.	This course presents normal nutrition and its relationship to health. It includes a study of the nutrients and nutrition planning guides. Nutritional needs throughout the lifecycle are studied. Concepts of general nutrition are applied to various diet therapies prescribed from common disease states in clinical practice (Previously, taught in two courses: HSC 118 General Nutrition and HSC 128 Therapeutic Nutrition).	
Course outcomes List skills and knowledge students will have after taking the course. Assessment method Indicate how student achievement in each outcome will be assessed to determine student achievement for purposes of course improvement.	Outcomes (applicable in all sections) 1. Describe and explain general nutrition concepts across the life span. 2. Apply general nutrition concepts and knowledge of common disease states to describe the therapeutic nutritional needs used for diet therapy.	Assessment Methods for determining course effectiveness Four (4) unit tests-multiple-choice, short-answer Four (4) unit tests-multiple-choice, short-answer
Course Objectives Indicate the objectives that support the course outcomes given above. Course Evaluations Indicate how instructors will determine the degree to which each objective is met for each student.	Objectives (applicable in all sections) <u>Outcome 1</u> 1. Describe essential nutrients and identify factors that relate to food choices and human health. 2. Define current nutrition standards and guidelines and how these are used in evaluating and planning nutritious meals. 3. Identify foods that contain carbohydrates and describe their functions and health benefits and/or associated problems in the diet. 4. Identify food sources that contain lipids and describe their functions and health benefits and /or associated problems in the diet. 5. Identify food sources that contain proteins and describe their functions and health benefits and/or associated problems in the diet. 6. Describe fat-soluble and water-soluble vitamins, and their functions and identify food sources of each vitamin. 7. Describe the functions of water and major and trace minerals in maintaining the body's fluid, electrolyte, and acid-base balance. 8. Describe the relationship between energy balance and weight and strategies for maintaining a healthy weight. 9. Identify nutritional needs of mother and infant during pregnancy, lactation, and early life. 10. Describe nutritional needs during the following lifecycle changes: child, teen and older adult.	Evaluation Methods for determining level of student performance of objectives <u>For Outcome 1, Objectives 1-10:</u> • Multiple-choice tests • Food diary assignment <u>For Outcome 2, Objectives, 1-2:</u> • Multiple-choice tests • Case review assignments

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	<u>Outcome 2</u> 1. Describe the use of a therapeutic diet or prescribed diet therapy in treating the following common disease states: a. cardiovascular disease b. alcohol abuse c. eating disorders d. renal disease e. gastrointestinal disease f. intestinal and pancreatic diseases g. diabetes mellitus h. cancer I. pulmonary disease 2. Describe different forms of nutritional support used to treat some of these disease states: a. internal (tube feeding) b. total parenteral nutrition	
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List all new resources needed for course, including library materials.

Student Materials:

List examples of types		Estimated costs
Texts	Insel, Turner, & Ross: Nutrition (current edition)- required	\$ 135.00
Supplemental reading		
Supplies		
Uniforms		
Equipment	Mosby's Pocket Guide Series	\$ 37.00
Tools		
Software		
	'Nutritional Assessment and Care'- Required	

Equipment/Facilities: Check all that apply. (All classrooms have overhead projectors and permanent screens.)

Check level <u>only</u> if the specified equipment is needed for <u>all</u> sections of a course. ☐ Level I classroom Permanent screen & overhead projector ☐ Level II classroom Level I equipment plus TV/VCR ☒ Level III classroom Level II equipment plus data projector, computer, faculty workstation	☒ Off-Campus Sites ☒ Testing Center ☐ Computer workstations/lab ☐ ITV ☐ TV/VCR ☐ Data projector/computer ☐ Other _____
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Assessment plan:

Learning outcomes to be assessed (list from Page 3)	Assessment tool	When assessment will take place (semester & year)	Course section(s)/other population	Number students to be assessed
1. Describe and explain general nutrition concepts across the life span.	Four (4) unit tests- multiple-choice, short-answer	Sp/Su 2010 and every 3 years thereafter	All sections	All Students enrolled in HSC 138 (approx. 150)
2. Apply general nutrition concepts and knowledge of common disease states to describe the therapeutic nutritional needs used for diet therapy.	Four (4) unit tests- multiple-choice, short-answer	Sp/Su 2010 and every 3 years thereafter	All sections	All Students enrolled in HSC 138 (approx. 150)

Scoring and analysis of assessment:

1. Indicate how the above assessment(s) will be scored and evaluated (e.g. departmentally developed rubric, external evaluation, other). Attach the rubric/scoring guide.

The four (4) unit tests will be scored using an answer sheet and a departmentally-developed rubric.

2. Indicate the standard of success to be used for this assessment.

90 percent of students taking all four tests will have an overall average of 70 percent or higher.

3. Indicate who will score and analyze the data (data must be blind-scored).

Instructors who teach the course will score and analyze the assessment data.

4. Explain the process for using assessment data to improve the course.

a. All Instructors who teach the course will review the assessment data, identify and discuss changes that must be made to the course, and/or instructional methods at a HSC 138 faculty meeting.

b. At the Nursing & Health Science department, all faculty will review the results of the assessment, the proposed changes, and make recommendations, where necessary. Course changes may be implemented as soon as possible, or by the following semester