

Outcomes Mapping

Business DIVISION							
Program:	NF	# Courses: (if applicable)	10	Updated:	6/30/15	Submitted by:	Carol Impara

Institutional Level Outcomes (ILOs): <i>As a result of an educational experience with any aspect of the college, students will develop the following knowledge, skills, abilities, and attitudes:</i>									
1. Communication		2. Critical Thinking		3. Information and Technology Literacy		4: Personal, Social, Civic, and Environmental Responsibility			
Connect PLOs with an I, P, or M (see Key in Footer) identifying the level to which knowledge or a skill can be demonstrated following the completion of the program or educational experience.						PLO to ILO Alignment			
PLO Name	PLO Defined: Upon successful completion of this program, students will be able to:					1	2	3	4
1. Practical Skills	Students completing the Nutrition Certificate will demonstrate proficiency in practical skills, such as using kitchen equipment and appropriate technology properly.							P	P
2. Career Communication	Students completing the Nutrition Certificate will be able to use acquired knowledge and skills to evaluate potential transfer and internship sites.					P	P	P	
3.									
4.									
5.									
6.									
7.									
8.									
9.									

Key for Level of Learning

(Use for Mapping SLOs/MOs to PLOs to ILOs)

I = Knowledge/Skill Introduced

P = Knowledge/Skill Practiced/Applied

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Outcomes Mapping

See the Outcomes Assessment website for definitions and examples of Mt. SAC's ILOs: <http://www.mtsac.edu/instruction/outcomes/ilos.html>

See the Outcomes Assessment Website for definitions and examples of the SLO & ILOs: <http://www.winstate.edu/instruction/outcomes/index.htm>

Student Learning Outcomes (SLOs), Measureable Objectives (MOs), Administrative Unit Objectives (AUOs)														
Course: NF 1	Connect Outcomes with an I, P, or M (see Key in Footer) identifying the level to which knowledge or a skill can be demonstrated in that portion of the course or service.													
SLOs, MOs, AUOs	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	ILO 1	ILO 2	ILO 3	ILO 4
Students completing NF 1 – Introduction to Nutrition as a Career will be able to evaluate an assigned dietetic internship program.		P									P	P	P	
Students completing NF 1 - Introduction to Nutrition as a Career will demonstrate effective oral communication skills by delivering in-class oral presentations and interviewing members of the profession.		P									P		P	P

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Student Learning Outcomes (SLOs), Measureable Objectives (MOs), Administrative Unit Objectives (AUOs)														
Course: NF 10	Connect Outcomes with an I, P, or M (see Key in Footer) identifying the level to which knowledge or a skill can be demonstrated in that portion of the course or service.													
SLOs, MOs, AUOs	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	ILO 1	ILO 2	ILO 3	ILO 4
Students completing NF 10 - Nutrition for Personal Health and Wellness will be able to demonstrate meaningful self-evaluation of their current food choices related to increasing their lifelong personal wellbeing.	P											P	P	P
Students completing NF 10 - Nutrition for Personal Health and Wellness will be able to analyze food labels for nutrient content and other pertinent information that will help in healthy food selection.	P										P	P		

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Student Learning Outcomes (SLOs), Measureable Objectives (MOs), Administrative Unit Objectives (AUOs)														
Course: NF 12	Connect Outcomes with an I, P, or M (see Key in Footer) identifying the level to which knowledge or a skill can be demonstrated in that portion of the course or service.													
SLOs, MOs, AUOs	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	ILO 1	ILO 2	ILO 3	ILO 4
Students completing NF 12 - Sports Nutrition will be able to list symptoms of disordered eating associated with athletes.	P										P	P		
Students completing NF 12 - Sports Nutrition will be able to develop an individual plan for an athlete including adequate energy, macronutrient, and fluid needs.	P										P	P	P	P

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Student Learning Outcomes (SLOs), Measureable Objectives (MOs), Administrative Unit Objectives (AUOs)														
Course: NF 20	Connect Outcomes with an I, P, or M (see Key in Footer) identifying the level to which knowledge or a skill can be demonstrated in that portion of the course or service.													
SLOs, MOs, AUOs	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	ILO 1	ILO 2	ILO 3	ILO 4
Students completing NF 20 - Principles of Foods with Lab will be able to apply and present food science principles to the analysis of a recipe.	P										P	P		
Students completing NF 20 - Principles of Foods - will be able to correctly identify key kitchen equipment.	P												P	

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Student Learning Outcomes (SLOs), Measureable Objectives (MOs), Administrative Unit Objectives (AUOs)														
Course: NF 25 and NF 25H	Connect Outcomes with an I, P, or M (see Key in Footer) identifying the level to which knowledge or a skill can be demonstrated in that portion of the course or service.													
SLOs, MOs, AUOs	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	ILO 1	ILO 2	ILO 3	ILO 4
Students completing NF 25 - Essentials of Nutrition will be able to demonstrate meaningful self-evaluation of their current food choices related to increasing their lifelong personal wellbeing.	P										P	P		P
Students completing NF 25 - Essentials of Nutrition will be able to demonstrate mastery of course material by planning a diet that meets or exceeds standards of nutritional adequacy.	M										P	P	P	P

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Student Learning Outcomes (SLOs), Measureable Objectives (MOs), Administrative Unit Objectives (AUOs)														
Course: NF 28	Connect Outcomes with an I, P, or M (see Key in Footer) identifying the level to which knowledge or a skill can be demonstrated in that portion of the course or service.													
SLOs, MOs, AUOs	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	ILO 1	ILO 2	ILO 3	ILO 4
Students completing NF 28 - Cultural and Ethnic Foods will be able to complete an assignment that demonstrates meaningful self-evaluation related to increasing their personal wellbeing.	P										P	P		P
Students completing NF 28 - Cultural and Ethnic Foods will compare the cuisine of a selected culture with the typical American diet and demonstrate how the culture influenced American cuisine.	P										P	P		P

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Student Learning Outcomes (SLOs), Measureable Objectives (MOs), Administrative Unit Objectives (AUOs)														
Course: NF 30	Connect Outcomes with an I, P, or M (see Key in Footer) identifying the level to which knowledge or a skill can be demonstrated in that portion of the course or service.													
SLOs, MOs, AUOs	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	ILO 1	ILO 2	ILO 3	ILO 4
Students completing NF 30 - Food Science Technologies will describe the chemistry underlying the properties and reactions of various food components.	P										P	P		
Students completing NF 30 - Food Science Technologies will describe the major chemical reactions that limit shelf life.	P										P	P		

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Student Learning Outcomes (SLOs), Measureable Objectives (MOs), Administrative Unit Objectives (AUOs)														
Course: NF 81	Connect Outcomes with an I, P, or M (see Key in Footer) identifying the level to which knowledge or a skill can be demonstrated in that portion of the course or service.													
SLOs, MOs, AUOs	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	ILO 1	ILO 2	ILO 3	ILO 4
Students completing NF 81 - Cooking for Your Heart and Health will be able to analyze food labels for a food's fat, saturated fat, trans fat, sodium, cholesterol, sugar, fiber, and vitamin and mineral content in order to assist in heart healthy food selection.	P										P	P	P	P
Students completing NF 81 - Cooking for Your Heart and Health will modify a recipe and present their findings.	P										P	P		

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Student Learning Outcomes (SLOs), Measureable Objectives (MOs), Administrative Unit Objectives (AUOs)														
Course: NF 82	Connect Outcomes with an I, P, or M (see Key in Footer) identifying the level to which knowledge or a skill can be demonstrated in that portion of the course or service.													
SLOs, MOs, AUOs	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	ILO 1	ILO 2	ILO 3	ILO 4
Students in NF 82 - Vegetarian Cooking will be able to correctly identify complementary protein sources.	P											P		
Students completing NF 82 – Vegetarian Cooking will modify a recipe and present their findings to the class.	P										P	P		

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