3.5 How do your curriculum and programs respond to changing community, student, and employer needs? If the program has an Advisory Committee, what is their feedback?

The field of Nutritional Science is constantly changing. Faculty in the department are registered dietitians or registered diet technicians and must complete outside continuing education units to stay current in the field. As members of the American Dietetics Association and San Jose Peninsula Dietetics Association we receive regular updates on trends in the field, employer needs and community projects. We also informally meet with faculty from San Jose State university for collaboration on community events.

3.6 How do your curriculum and programs support the needs of other certificates or majors at Mission College?

Both NS courses, support other programs. NS15 is a pre-requisite for the nursing department, requirement for the Psychiatric technician program, and a requirement for an AS degree in Hospitality Management.

NS 52 is mainly a GE course, but recommended for the child development program and can fulfill a requirement for their AS degree. This year the course will be cross listed in the schedule to increase enrollment.

3.7 Summarize any key student learning or service outcomes (SLOs) since the last review.

The main SLOs have been easily achieved in all NS 15 courses. However, the department is challenged by one of our SLOs. “Given a nutrition topic, the student will be able to access and reference a minimum of 3 reliable sources of information.” In the last year, we collaborated on assignments used to achieve this SLO. Some students lack the library skills to complete this task, even when covered in class.

3.8 Identify how you have used the assessment of student learning or service outcomes to update or make changes to curriculum, delivery of content/services, or the development of new goals.

Last year the library created a tutorial to help students with the SLO mentioned in section 3.7. Still, some students struggle with this task. We will continue to work with the library to improve instruction. This year will we try adding in a library question and answer forum to support the students as they move through the assignment related to the SLO.

Plan				Report		
Program Outcomes	**Course Outcomes**	**Assessment Measures and Criteria**	**Schedule for Assessment**	**Assessment Results (2010)**	**Use of Results**	**Effect on the program**
Students will gain an understanding of the scientific basis for nutrition.	**NS 15:** Given a nutrition topic, the student will be able to access and reference a minimum of 3 reliable sources of information.	**Assignment:** 75% of the students will be able to complete the assignment with 80% accuracy.	Fall 2011 Review every section	73% of the students in 3 sections were able to complete the assignment with 80% accuracy on their first attempt. After second attempt was given, 80% of the students completed with >80% accuracy.	Tutorial created by the library and used by the students. However, not all students viewed the tutorial and some who viewed it did not increase understanding of the concept.	Continue to pair with the libarians and revise this assignment as needed.
Students will gain an understanding	**NS 15:** Students will be able to place foods and	**Assignment or exam:** Students will be able to	Review Fall 2011	The students in 5 sections of the course were able to	Continue to use assessment tool and alter as	Will continue to assess this measure

of the scientific basis for nutrition Students will gain an understanding of the scientific basis for nutrition	their quantities into the correct category of the food guide pyramid.	place a minimum of 10 foods and their quantities into the pyramid with 80% accuracy.		complete the assignment with average of 90% accuracy.	needed.	in Fall.
Students will gain an understanding of the scientific basis for nutrition	**NS 15:** Students will be able to complete a food record, analyze the results, and describe in writing at least 5 ways their diet meets or does not meet their physiological needs.	**Diet Self Study Project:** 75% of the students will be able to complete the project with a minimum score of 80%.	Review Fall 2011	5 sections of students were assessed with 95% of the students completing the project with a minimum score of 80%.	The use of Nutrition analysis software increased the number of students who submitted this project.	Will continue to assess this measure in Fall.

Students will gain an understanding of the scientific basis for nutrition	**NS 52:** Given a nutrition topic, the student will be able to access and reference a minimum of 3 reliable sources of information.	**Assignment:** 75% of the students will be able to complete the assignment **with** 80% accuracy.	Review Spring 2012	70% of the students were able to complete the assignment with 80% accuracy.	Will continue to revise this assignment and method of teaching it in Spring and then assess the results.	Tutorial designed by library staff to help students understand this concept.
Students will gain an understanding of the scientific basis for nutrition	**NS 52:** Identify the 6 essential nutrients and a major function of each one.	**Quiz or Exam:** 75% of the students will score a minimum of 85% on the assessment.	Spring 2012	85% of the students were able to score a minimum of 85% on the test questions related to this topic.	Meets SLO standards	Will continue to assess on schedule.
Students will gain an understanding of the scientific basis for nutrition	**NS 52:** Plan a menu for children that will meet current state and federal guidelines.	**Written assignment:** 85% of the students will be able to correctly plan a menu which meets state and federal guidelines with 90% accuracy.	Review Spring 2012	95% of the students were able to correctly plan a menu which meets federal guidelines with 70% accuracy.	We had a high rate of assignment completion, however, the assignment was not as accurate as desired.	Will review guidelines in more detail in class and also provide a template for students to increase understanding.

Students will gain an understanding of the scientific basis for nutrition	**NS 40:** Given a disease state and diet, students will be able to identify at least 5 diet modifications to promote health.	**Case Study:** 80% of students will correctly identify at least 5 dietary modifications.	First time course is next offered	Course not offered		
Students will gain an understanding of the scientific basis for nutrition	**NS 40:** Students will be able to identify 6 disease states that require specialized diets and 2 diet modifications for each disease.	**Quiz or exam:** 75% of the students pass the exam or quiz.	First time the course is next offered	Course not offered		