Comprehensive Program Review Report (Narrative)
College of the Sequoias
Program Review - Nutrition/Foods

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What are the strengths of your area?:
1. Excellent enrollment in NUTR 18. At the start of every semester, NUTR 18 courses are full. According to EIS, the average fall (2012-2014) fill rate for NUTR 18 is 101%. Detailed data can be found in documents. This indicates that the course is in demand.
2. NUTR 20 is one of only two NUTR or CULN course on the IGETC (transfer pattern). It is in area 4.
3. Tutorial support for NUTR 18 helps with success rate, especially in the large lecture.

What improvements are needed?:
1. Investigate pre-requisite to maintain success rate with new course outline. The success rate for NUTR 18 from 2010/11 through 2012/13 ranged from 68% to 70%. Although the success rate for NUTR 18 is adequate, the faculty teaching the course report spending more and more time on remedial reading/vocabulary issues and well as basic math concepts.
   A modified course outline will be needed to be written to match the new C-ID for this course. A text with more reading rigor will be required for the new C-ID. This new level of text is going to necessitate a pre-requisite for NUTR 18. The C-ID Descriptor can be found in documents.

Describe any external opportunities or challenges:
1. Change the content of NUTR 18 to meet the rigor of the C-ID. In order to maintain our success rate we may need to establish an English and math pre-requisite.

Overall Outcome Achievement: Our current certificates include both NUTR and CULN courses.

The program level outcomes for the Basic Certificate were evaluated and it was found that the outcome on food safety and sanitation was written for a laboratory experience, not a lecture course. However, since the Safety and Sanitation course (NUTR 107) is a lecture course it was felt this outcome should be evaluated in this course. Therefore it was decided to re-write the outcome and assess next year in the Intermediate Certificate assessment. The evaluation of the second outcome, Proper Equipment Use, was done using a Mise En Place rubric in two different class settings with two different instructors. The results showed that 90% of the students were successful, however a common weakness was time management.

Changes based on outcome achievement: The faculty will rewrite the Food Safety and Sanitation outcome so it can be used in a lecture course.

Outcome cycle evaluation: The current 3-year assessment cycle is up to date on all course and program assessments. The current assessment cycle is designed to assess one certificate each year. The certificates were designed to provide a pathway which has incremental course work from one certificate to the next level certificate (from Basic to Intermediate to Advanced.) As a result the program outcomes are also incremental in design. It was observed through the first year of assessment outcomes that the outcomes this year and next year will become repetitive through the full 3 year cycle. At the end of this 3-year assessment cycle, all three certificate outcomes will be modified to be assessed in one year.

Action: Pre-requisite(s) to maintain success rate with new course outline.
Investigate adding pre-requisite(s) to maintain success rate with new course outline. Acquire and study data related to current student success without proposed pre-requisites.

Start Date: 09/01/2014
Completion Date: 05/15/2015
Status: New Action

Identify related course/program outcomes: None

Person(s) Responsible (Name and Position): Milli Owens

Rationale (With supporting data): This action is designed to improve academic success in the course and prepare students for improved academic success upon transfer.
Although the success rate for NUTR 18 is adequate, the faculty teaching the course report spending more and more time on remedial reading/vocabulary issues and well as basic math concepts. When faculty spends so much time on remediation the academic level of the course content suffers. The new C-ID for NUTR 18 will help address this because it stipulates a higher level textbook and course content.

Priority: High
Safety Issue: No
External Mandate: Yes
Mandate Explanation: NUTR 18 must meet C-ID standards.

Action: Revise the Sanitation & Safety Program outcome

Revise the sanitation and safety program outcome specifically for NUTR 107: Food Safety and Sanitation.

  Start Date: 09/01/2014
  Completion Date: 05/15/2015
  Status: New Action

Identify related Program Outcome: Identify and practice proper food safety and sanitation techniques.

Person(s) Responsible (Name and Position): Milli Owens

Rationale (With supporting data): The current outcome is written for laboratory application. When this was assessed last year the data collected did not match the outcome. The outcome needs to be rewritten to assess student knowledge at the end of the lecture course.

Priority: Medium
Safety Issue: No
External Mandate: No