

## A. Program Information

Reporting Term: Fall 2017, Spring 2018, Summer 2018

Department: Food, Nutrition, Dietetics, and Health

Program: Coordinated Program in Dietetics

Contact Name: Amber Howells, PhD, RDN, LD

Contact Email: geist78@ksu.edu

## B. Outcome Reporting

### Measurement of CRDN 1.1-1.6

--CRDN 1.1 Select indicators of program quality and/or customer service and measure achievement of objectives

- Course: FNDH 521 and 517 (Fall 2017 and Spring 2018, Summer 2018)
- Learning Activities: Program Quality and Customer Service Assignment and Summer Community Nutrition Project
- Outcome measure: 80% of students will score an average of 85% or higher on the Assignment

### Fall 2017 FNDH 521 Outcome: Program Quality and Customer Service Assignment

Level of Achievement	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
(n=4)	0	0	1	3

Outcome: goal achieved with 100% of students scoring 85% or higher on the assignment.

### Spring 2018 FNDH 521 Outcome: Program Quality and Customer Service Assignment

Level of Achievement	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
(n=12)	0	3	6	3

Outcome: Goal was not achieved with 75% of students received an average of 85% or higher on the Assignment.

- **2017-2018 Overall Outcome for Program Quality and Customer Service Assignment (n=16): 81.25% scored an 85% or higher on the assignment.**

### Summer 2018 FNDH 517 Outcome: Community Nutrition Project

Level of Achievement	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
(n=20)	0	2	6	12

Outcome: Goal was achieved with 90% of students receiving an 85% or higher on the assignment

--CRDN 1.2 Apply evidence-based guidelines, systematic reviews and scientific literature

- Course: FNDH 521 and 520 (Fall 2017 and Spring 2018)
- Learning Activities: Real Case Studies (521) and Simulated Case Studies (520)
- Outcome measure: 80% of students will score an average of 85% or higher on the Assignment

**Fall 2017 FNDH 521 Outcome: Real Case Studies Assignment**

Level of Achievement (n=4)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	0	0	4

Outcome: goal achieved with 100% of students scoring 85% or higher on the assignment.

**Spring 2018 FNDH 521 Outcome: Real Case Study Assignment**

Level of Achievement (n=12)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	0	1	11

Outcome: Goal was achieved with 100% of students scoring an 85% or higher on the assignment.

- **2017-2018 Overall Outcome for Real Case Studies Assignment (n=16): 100% scored an 85% or higher on the assignment.**

**Fall 2017 FNDH 520 Outcome: Simulated Case Studies**

Level of Achievement (n=4)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	0	2	2

Outcome: Goal met with 100% of students scoring an average of 85% or higher on the case study assignments

**Spring 2018 FNDH 520 Outcome: Simulated Case Studies**

Level of Achievement (n=12)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	0	7	5

Outcome: Goal met with 100% of students scoring an average of 85% or higher on the case study assignments.

- **2017-2018 Overall Outcome for Simulated Case Studies Assignment (n=16): 100% scored an 85% or higher on the assignment.**

--CRDN 1.3 Justify Programs, products, services and care using appropriate evidence or data

- Course: FNDH 561 (Fall 2017 and Spring 2018)
- Learning Activities: Make or Buy Evaluation
- Outcome measure: 80% of students will score an average of 85% or higher on the Assignment

**Fall 2017 FNDH 561 Outcome: Make or Buy Evaluation**

Level of Achievement (n=12)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	1	0	8	3

Outcome: Goal met with 91.6% of students scoring an 85% or higher on the assignment

**Spring 2018 FNDH 561 Outcome: Make or Buy Evaluation**

Level of Achievement (n=9)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	2	3	4

Outcome: Goal was not met with 78% of students scoring an 85% or higher on the assignment.

- **2017-2018 Overall Outcome for Make or Buy Evaluation Assignment (n=21): 85.7% scored an 85% or higher on the assignment.**

--CRDN 1.4 Evaluate emerging research for application in nutrition and dietetics practice

- Course: FNDH 570
- Learning Activities: Dietary Assessment for a Study Design Assignment
- Outcome measure: 80% of students will score an average of 85% or higher on the Assignment

**Fall 2017 FNDH 570 Outcome: Dietary Assessment for a Study Design Assignment**

Level of Achievement (n=12)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	0	3	9

Outcome: Goal Met with 100% of students receiving an 85% or higher on the assignment.

**Spring 2018 FNDH 570 Outcome: Dietary Assessment for a Study Design Assignment**

Level of Achievement (n=9)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	1	2	6

Outcome: Goal was met with 89% of students scoring an 85% or higher on the assignment.

- **2017-2018 Overall Outcome for Dietary Assessment of a Study Design Assignment (n=21): 95.2% scored an 85% or higher on the assignment.**

--CRDN 1.5: conduct projects using appropriate research methods, ethical procedures and data analysis

- Course: FNDH 570
- Learning Activities: Critical Appraisal Final
- Outcome measure: 80% of students will score an average of 85% or higher on the Assignment

**Fall 2017 FNDH 570 Outcome: Critical Appraisal Final**

Level of Achievement (n=12)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	0	5	7

Outcome: Goal met with 100% of students scoring an 85% or higher on the final.

**Spring 2018 FNDH 570 Outcome: Critical Appraisal Final**

Level of Achievement (n=9)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	3	1	5	0

Outcome: Goal was not met with 55.5% of students scoring an 85% or higher on the assignment.

- **2017-2018 Overall Outcome for Critical Appraisal Final Assignment (n=21): 81% scored an 85% or higher on the assignment.**

--CRDN 1.6 Incorporate critical-thinking skills in overall practice

- Course: FNDH 521 and 561
- Learning Activities: Program Quality and Customer Service Assignment (521) and Analyzing a Financial Operating Report and Determining Revenues/Costs Assignment (561)
- Outcome measure: 80% of students will score an average of 85% or higher on the Assignment

**Fall 2017 FNDH 521 Outcome: Program Quality and Customer Service Assignment**

Level of Achievement (n=4)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	0	1	3

Outcome: goal achieved with 100% of students scoring 85% or higher on the assignment.

**Spring 2018 FNDH 521 Outcome: Program Quality and Customer Service Assignment**

Level of Achievement (n=12)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	3	6	3

Outcome: goal not met with 75% of students scoring an 85% or higher.

- **2017-2018 Overall Outcome for Program Quality and Customer Service Assignment (n=16): 81.25% scored an 85% or higher on the assignment.**

**Fall 2017 FNDH 561 Outcome: Analyzing a Financial Operating Report and Determining Revenues/Costs Assignment**

Level of Achievement (n=12)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	1	0	8	3

Outcome: Goal met with 91.6% of students scoring an 85% or higher on the assignment

**Spring 2018 FNDH 561 Outcome: Analyzing a Financial Operating Report and Determining Revenues/Costs Assignment**

Level of Achievement (n=9)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	1	6	2

Outcome: Goal was met with 89% of students scoring an 85% or higher on the assignment.

- **2017-2018 Overall Outcome for Analyzing a Financial Operating Report Assignment (n=21): 90.5% scored an 85% or higher on the assignment.**

--Concentration Area Competencies: 1. Evaluate products and services to determine if customers', employees', and the organization's needs are being met. 2. Develop goals, action plans, and recommendations to improve and/or implement products, services, and systems. 3. Implement and manage project activities to address the organization's needs.

- Course: FNDH 517, FNDH 521, and 561
- Learning Activities: Systems Assessment Assignment (521 and 561) and Community Nutrition Project (517)
- Outcome measure: 80% of students will score an average of 85% or higher on each of the Assignments

**Fall 2017 FNDH 521 Outcome: Systems Assessment**

Level of Achievement (n=4)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	1	3	0

Outcome: goal not achieved with 75% of students scoring an 85% or higher on the assignment.

**Spring 2018 FNDH 521 Outcome: Systems Assessment**

Level of Achievement (n=12)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	1	6	5

Outcome: Goal has been met with 91.6% of students scoring an 85% or higher.

- **2017-2018 Overall Outcome for Clinical Systems Assessment Assignment (n=16): 87.5% scored an 85% or higher on the assignment.**

**Fall 2017 FNDH 561 Outcome: Systems Assessment**

Level of Achievement (n=12)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	0	9	3

Outcome: Goal met with 100% of students scoring an 85% or higher on the assignment

**Spring 2018 FNDH 561 Outcome: Systems Assessment**

Level of Achievement (n=9)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	3	4	2

Outcome: Goal was not met with 67% of students scoring an 85% or higher on the assignment.

- **2017-2018 Overall Outcome for Management Systems Assessment Assignment (n=21): 85.7% scored an 85% or higher on the assignment.**

**Summer 2018 FNDH 517 Outcome: Community Nutrition Project**

Level of Achievement (n=20)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	2	6	12

Outcome: Goal was met with 90% of students scoring an 85% or higher on the assignment.

**C. Program Self-Review**

The dietetics faculty have a program advisory committee where we discuss the dietetics curriculum. This committee meets on a monthly basis. Review of student learning outcomes was on the August 27, 2018. Faculty reviewed. Given that the annual objectives were met, these SLOs will not be re-evaluated on the next year's plan.

**Program Improvements**

The accreditation standards for dietetic programs were revised and went into effect Fall 2017. Since that, there have been additional changes and recommendations on how to handle student learning outcome measurement to meet the Accreditation Council for Education in Nutrition and Dietetics (ACEND)'s standards. The Coordinated Program in Dietetics is required to measure Competencies for Registered Dietitian Nutritionists (CRDNs). We are required to measure at least one competency statement from each domain per year over a 5 year period. At the end of the 5-year period, all competencies should be measured. Also, if an outcome is not achieved, that item will be re-evaluated in the new year with the planned assessment measures. Given that many competencies are measured each semester during the year with the same activity, an overall outcome is used to determine if the measurement item will be measured again the next year. The overall outcomes are highlighted in the above results section.

In May, accredited dietetic programs were contacted by ACEND regarding new requirements for measurement of SLO data. Programs are now required to identify the minimum level of performance needed to demonstrate the competency and all students in the program will be expected to demonstrate this minimum level. If a student scores less than the minimum requirement, that student would need to learn the information and be evaluated again until the minimum score was met. Each SLO can also have a "stretch" level of performance. Given that for our dietetic programs, students are required to receive a letter grade of "B" or better, it was decided that the minimum requirement would be that 100% of students score at least an 80% (marginal). Each

SLO has a stretch goal of 80% of students will score an 85% or higher (entry-level or exceeds). If they score <80% (Deficient), they will be required to re-do the assignment or re-learn the competency and be re-evaluated.

ACEND also provided guidance on appropriate assessment tools to measure competencies or SLOs. If assignments are used to assess several SLOs, it needs to be clear what parts of the assignment are measuring which specific SLO and each SLO needs to be given a score. The assignments being used to measure competencies were measuring several SLOs. Therefore, all of the assignments were updated and assignments were divided into Parts with different parts measuring different, specific SLOs. The 5-year Coordinated Program in Dietetics SLO assessment plan was also updated to reflect these changes. The revised assignments and assessment plan will be implemented Spring 2019.

In some domains required by our accreditation standards there are learning outcomes directly related to the university learning outcome domains such as critical thinking, diversity, written and oral communication, etc. However, based on our rotational method of assessment, these specific outcomes are not measured every year. Therefore, the assessment measures that have components of these outcomes and best match the university domains will be included each year.

### **Future Plans**

Please see above regarding how ACEND has provided additional guidance regarding evaluating SLOs and how we have adapted our assignments and plan to be in compliance with accreditation standards. Please see our revised 5-year plan attached.

### **Summary of this Report**

CRDNs 1.1, 1.3, 1.5, 1.6, and concentration area competencies were partially met, indicating that they were met during one semester, but not during the other semester. Typically this is due to the Coordinated Program in Dietetics having small class numbers so that if one individual does not meet the goal, it significantly impacts the percentage of those meeting the goal set. Therefore, annual aggregate data was assessed and all CRDNs were met over the year time period. Therefore, it was decided that goals were achieved and these CRDNs would not be re-evaluated during the next academic year.

All other measurement outcomes were fully achieved in both semesters.