

2019-2020 Kansas State University Coordinated Program Assessment Plan and Results

A. Program Information

Reporting Term: Fall 2019, Spring 2020, Summer 2020
Department: Food, Nutrition, Dietetics, and Health
Program: Coordinated Program in Dietetics
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B. Outcome Reporting

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

- Course: FNDH 521 (Fall 2019 and Spring 2020)
- Learning Activities: Part 2 of Assignment 4: Development of Educational Materials/Newsletter Article
- Outcome measure: 80% of students will score an average of 85% or higher on the Assignment

Fall 2019 FNDH 521 Outcome: Part 2 Assignment 4: Development of Educational Materials/Newsletter Article

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

Spring 2020 FNDH 521 Outcome: Part 2 Assignment 4: Development of Educational Materials/Newsletter Article

Level of Achievement	Deficient	Marginal	Entry-level	Exceeds
(n=10)	<80%	80-84%	85-94%	>95%
	0	0	3	7

- **2019-2020 Overall Outcome for Part 2 of Assignment 4 (n=14):** 100% scored an 85% or higher on the assignment.

--CRDN 2.1 Practice in compliance with current federal regulations and state statutes and rules, as applicable and in accordance with accreditation standards and with Scope of Nutrition and Dietetics Practice and Code of Ethics for the Profession of Nutrition and Dietetics.

- Course: FNDH 521, 519, (Fall 2019 and Spring 2020) (Re-measurement due to not fully meeting previous year)
- Learning Activities: Part 1 of Regulatory and Legislative Assignment (521); SOP and Code of Ethics Assignment (519)
- Outcome measure: 80% of students will score an average of 85% or higher on the Assignment

Fall 2019 FNDH 521 Outcome: Part 1 Assignment 2: Regulatory and Legislative

Level of Achievement (n=4)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	1	2	1

Spring 2020 FNDH 521 Outcome: Part 1 Assignment 2: Regulatory and Legislative

Level of Achievement (n=10)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	2	4	4

- **2019-2020 Overall Outcome for Part 1 of Assignment 2 (n=14):** 79% scored an 85% or higher on the assignment. All students scored the minimum score requirement of 80% or higher.

Fall 2019 FNDH 519 Outcome: SOP and Code of Ethics Assignment

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

Spring 2020 FNDH 519 Outcome: SOP and Code of Ethics Assignment

Level of Achievement (n=10)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	0	1	9

- **2019-2020 Overall Outcome for SOP and Code of Ethics Assignment (n=14):** 100% scored an 85% or higher on the assignment.

-- CRDN 2.4: Function as a member of interprofessional teams.

- Course: FNDH 521, 561 (Fall 2019 and Spring 2020)
- Learning Activities: Final clinical and final management preceptor performance evaluation (interprofessional team category)
- Outcome measure: 100% of students will score a “meets expectations” or “exceeds expectations” (B or higher)

Fall 2019 FNDH 521 Outcome: Clinical Final Performance Evaluation (Interprofessional Team Category)

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

Spring 2020 FNDH 521 Outcome: Clinical Final Performance Evaluation (Interprofessional Team Category)

Level of Achievement (n=10)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	0	0	10

Fall 2019 FNDH 561 Outcome: Management Final Performance Evaluation (Interprofessional Team Category)

Level of Achievement (n=11)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	0	4	7

Spring 2020 FNDH 561 Outcome: Management Final Performance Evaluation (Interprofessional Team Category)

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

- **2019-2020 Overall Outcome for Final Performance Evaluation (Interprofessional Team Category):** 100% scored an 85% or higher on the assignment.

-- CRDN 2.5: Assign patient care activities to NDTRs and/or support personnel as appropriate.

- Course: FNDH 521 (Fall 2019 and Spring 2020)
- Learning Activities: Part 1 of Assignment 5: Collaboration with Others
- Outcome measure: 80% of students will score an average of 85% or higher on the Assignment

Fall 2019 FNDH 521 Outcome: Part 1 of Assignment 5: Collaboration with Others

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

Spring 2020 FNDH 521 Outcome: Part 1 of Assignment 5: Collaboration with Others

Level of Achievement (n=10)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	0	1	9

- **2019-2020 Overall Outcome for Part 1 of Assignment 5:** 100% scored an 85% or higher on the assignment.

-- CRDN 2.6: Refer clients and patients to other professionals and services when needs are beyond individual scope of practice.

- Course: FNDH 521 (Fall 2019 and Spring 2020)
- Learning Activities: Part 2 of Assignment 5: Collaboration with Others Assignment
- Outcome measure: 80% of students will score an average of 85% or higher on the Assignment

Fall 2019 FNDH 521 Outcome: Part 2 of Assignment 5: Collaboration with Others

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

Spring 2020 FNDH 521 Outcome: Part 2 of Assignment 5: Collaboration with Others

Level of Achievement (n=10)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	1	2	7

- **2019-2020 Overall Outcome for Part 2 of Assignment 5:** 93% scored an 85% or higher on the assignment. All students scored the minimum score requirement of 80% or higher.

-- CRDN 3.3: Demonstrate effective communications skills for clinical and customer services in a variety of formats and settings.

- Course: FNDH 521 (Fall 2019 and Spring 2020)
- Learning Activities: Assignment 12: Media Day
- Outcome measure: 80% of students will score an average of 85% or higher on the Assignment

Fall 2019 FNDH 521 Outcome: Assignment 12: Media Day

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

Spring 2020 FNDH 521 Outcome: Assignment 12: Media Day

Level of Achievement (n=10)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	0	0	10

- **2019-2020 Overall Outcome for Assignment 12:** 100% scored an 85% or higher on the assignment.

-- CRDN 3.4: Design, implement and evaluate presentations to a target audience.

- Course: FNDH 521 (Fall 2019 and Spring 2020)
- Learning Activities: Part 1 of Assignment 6: Health Booth or Seminar
- Outcome measure: 80% of students will score an average of 85% or higher on the Assignment

Fall 2019 FNDH 521 Outcome: Part 1 of Assignment 6: Health Booth or Seminar

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

Spring 2020 FNDH 521 Outcome: Part 1 of Assignment 6: Health Booth or Seminar

Level of Achievement (n=10)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	2	2	6

- **2019-2020 Overall Outcome for Part 1 of Assignment 6:** 86% scored an 85% or higher on the assignment. All students scored the minimum score requirement of 80% or higher.

-- CRDN 4.3: Conduct clinical and customer service quality management activities.

- Course: FNDH 521 and FNDH 561 (Fall 2019 and Spring 2020)
- Learning Activities: Part 1 of Assignment 1: Program Quality and Customer Service Assignment (521); Part 1 of Assignment 3 Customer Service and Employee Training Assignment (561)
- Outcome measure: 80% of students will score an average of 85% or higher on the Assignment

Fall 2019 FNDH 521 Outcome: Part 1 of Assignment 1: Program Quality and Customer Service

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

Spring 2020 FNDH 521 Outcome: Part 1 of Assignment 1: Program Quality and Customer Service

Level of Achievement (n=10)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	1	3	6

- **2019-2020 Overall Outcome for Part 1 of Assignment 1:** 86% scored an 85% or higher on the assignment. All students scored the minimum score requirement of 80% or higher.

Fall 2019 FNDH 561 Outcome: Part 1 of Assignment 3: Customer Service and Employee Training

Level of Achievement (n=11)	Deficient	Marginal	Entry-level	Exceeds
	<80%	80-84%	85-94%	>95%
	0	2	3	6

Spring 2020 FNDH 561 Outcome: Part 1 of Assignment 3: Customer Service and Employee Training

Level of Achievement (n=5)	Deficient	Marginal	Entry-level	Exceeds
	<80%	80-84%	85-94%	>95%
	0	0	1	4

- **2019-2020 Overall Outcome for Part 1 of Assignment 3:** 88% scored an 85% or higher on the assignment.

-- CRDN 4.4: Apply current nutrition informatics to develop, store, retrieve and disseminate information and data.

- Course: FNDH 561 (Fall 2019 and Spring 2020)
- Learning Activities: Part 2 of Assignment 1: Recipe Development
- Outcome measure: 80% of students will score an average of 85% or higher on the Assignment

Fall 2019 FNDH 561 Outcome: Part 2 of Assignment 1: Recipe Development

Level of Achievement (n=11)	Deficient	Marginal	Entry-level	Exceeds
	<80%	80-84%	85-94%	>95%
	1	2	3	5

Spring 2020 FNDH 561 Outcome: Part 2 of Assignment 1: Recipe Development

Level of Achievement (n=5)	Deficient	Marginal	Entry-level	Exceeds
	<80%	80-84%	85-94%	>95%
	0	0	2	3

- **2019-2020 Overall Outcome for Part 2 of Assignment 1:** 81% scored an 85% or higher on the assignment. The one student who was “deficient” was remediated (re-did the assignment) so that he achieved at least an 80% on the assignment.

--Concentration Area Competencies:

1. Utilize systems thinking and the systems model to evaluate products and services to determine if customers', employees', and the organization's needs are being met.

- Course: FNDH 521 and FNDH 561 (Fall 2019 and Spring 2020)
- Learning Activities: Part 1 of Systems Assessment Assignment
- Outcome measure: 80% of students will score an average of 85% or higher on the Assignment

Fall 2019 FNDH 521 Outcome: Systems Assessment Part 1

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

Spring 2020 FNDH 521 Outcome: Systems Assessment Part 1

Level of Achievement	Deficient	Marginal	Entry-level	Exceeds
	<80%	80-84%	85-94%	>95%
(n=10)	0	1	9	0

Fall 2019 FNDH 561 Outcome: Systems Assessment Part 1

Level of Achievement	Deficient	Marginal	Entry-level	Exceeds
	<80%	80-84%	85-94%	>95%
(n=11)	0	0	4	7

Spring 2020 FNDH 561 Outcome: Systems Assessment Part 1

Level of Achievement	Deficient	Marginal	Entry-level	Exceeds
	<80%	80-84%	85-94%	>95%
(n=5)	0	2	0	3

- **2019-2020 Overall Outcome for Systems Assessment Part 1:** 87% scored an 85% or higher on the assignment.

2. Develop goals, action plans, and recommendations to improve and/or implement products, services, and systems.

- Course: FNDH 521 and FNDH 561 (Fall 2019 and Spring 2020)
- Learning Activities: Part 3 of Systems Assessment Assignment
- Outcome measure: 80% of students will score an average of 85% or higher on the Assignment

Fall 2019 FNDH 521 Outcome: Systems Assessment Part 3

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

Spring 2020 FNDH 521 Outcome: Systems Assessment Part 3

Level of Achievement (n=10)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	0	0	10

Fall 2019 FNDH 561 Outcome: Systems Assessment Part 3

Level of Achievement (n=11)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	1	1	1	8

Spring 2020 FNDH 561 Outcome: Systems Assessment Part 3

Level of Achievement (n=5)	Deficient <80%	Marginal 80-84%	Entry-level 85-94%	Exceeds >95%
	0	2	0	3

- **2019-2020 Overall Outcome for Systems Assessment Part 3:** 87% scored an 85% or higher on the assignment. The one student who was “deficient” was remediated (redid this part of the assignment) to ensure he achieved at least an 80%.

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 during the August 31, 2020. Faculty reviewed. One SLO will be re-measured the next academic year due to not fully achieving the SLO goal for the 2020-2021 academic term (CRDN 2.1).

Program Improvements

The Coordinated Program in Dietetics is required to measure Competencies for Registered Dietitian Nutritionists (CRDNs). The accreditation standards for dietetic programs were revised and went into

effect Fall 2017. They were again revised and accreditation standards required measurement tools to be simplified so that assignments were specific to measure a given competency. In May 2018, 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. There were a few instances in this year that the student did not meet the minimum score (80%) in order to achieve minimum competency. The original scores were used for university assessment. However, remediation occurred and students re-submitted the assignments to show the minimum competence for program completion.

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 were implemented Spring 2019. 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. Currently, our accreditation body has released the draft 2022 standard changes. There have been several competencies where the wording has been adjusted, a few new competencies added/removed, and they are planning to streamline the process of collecting data. Therefore, we will adopt a new process of data collection when the 2022 Accreditation Standards are officially released.

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.

Summary of Adaptation of Assessments, Processes, and/or Measures Related to COVID 19

Spring 2020 created several challenges due to moving to remote learning for all programs. The Coordinated Program in Dietetics was significantly impacted because of the number of students who were in university dining and healthcare facilities completing their supervised practice hours for program completion. Given that the university moved to remote learning in mid-March, students were no longer allowed in dining facilities for their supervised practice experiences. In addition, many healthcare facilities across the state began prohibiting students in their organizations to protect their patients and staff, and conserve resources. Because of these challenges, ACEND (our accreditation body) reduced the number of required supervised practice hours from 1200 to 1000 and allowed up to 400 of those hours to be through simulation experiences instead of in practicum facilities. The Coordinated Program Practicum Instructors quickly developed simulated supervised practice experiences for both management and clinical dietetic students (case studies; case scenarios; mock counseling sessions; role-playing HR practices—hiring, firing, discipline; practice-based emergency response issues; discussion and interviews with national leaders within the dietetics profession; discussion questions. All simulation assignments were practice-based. Students would work in groups via Zoom and then come back

together with instructors for group discussion. Role-playing and mock sessions were done live with instructors present.

ACEND requires all students in the Coordinated Program in Dietetics to meet our set standard (80% on specific assignments) for all competencies required of the program to ensure that students are prepared for entry-level practice. Many of our assignments require in-facility activities. Because students were not able to be in facilities the 2nd half of the semester, instructors also had to develop simulated experiences or alternate projects that were appropriate to meet the ACEND required competencies. These simulations or alternate projects were developed for any of the normal projects that students had not completed prior to Spring Break. All students were able to achieve the minimum standard of competency for all competencies and received a verification statement upon degree conferral.

For Fall 2020, all Coordinated Program students are currently in practicum facilities for both management and clinical semesters. At this time assignments are being completed within facilities as normal. One additional challenge that we face is students who have tested positive for COVID 19 or have been a close contact of a positive COVID 19 case. These students are required to remain in isolation or quarantine for the specified amount of time and miss time in practicum sites. Therefore, instructors are developing simulation experiences for those students who are in quarantine and are not ill so that they can continue to learn and make progress in the program.

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. Faculty were also considering automating SLO data collection from preceptors and faculty. However, with the COVID 19 pandemic, this process has been held to focus on other areas of instruction at this time. We will plan on addressing this process when time allows and the change won't stress our healthcare preceptors at the current turbulent time.

Currently, our accreditation body has released the draft 2022 standard changes. There have been several competencies where the wording has been adjusted, a few new competencies added/removed, and they are planning to streamline the process of collecting data. Therefore, we will adopt a new process of data collection when the 2022 Accreditation Standards are officially released.

Summary of this Report

All goals were met for all CRDNs except for CRDN 2.1. Therefore, CRDN 2.1 has been added to the 2020-2021 assessment plan and we will re-evaluate this CRDN during this time. For all other CRDNs, we evaluated them based on the overall outcome under each CRDN. It was decided that goals were achieved and these CRDNs would not be re-evaluated during the next academic year.

During COVID 19, our supervised practice and practicum switched to simulation activities with instructors online instead of in-facility experiences with preceptors. All assignments were still required. If the student had not had an in-facility experience that allowed them to complete the required activities within the assignment, then the instructor developed a comparable simulation activity so that students could complete assignments and we could measure competencies in topic areas.