Degree Program Assessment Plan

Degree Program - HS - Nutritional Sciences and Dietetics (BS)

CIP Code: 30-1901-0002
Disciplinary Accrediting Body: The Accreditation Council for Education in Nutrition and Dietetics (ACEND) - Academy of Nutrition and Dietetics
Next Program Review: 20-21
Degree Program Coordinator: Lydia Kloiber & Holli Booe
Degree Program Coordinator Email: lydia.kloiber@ttu.edu & holli.booe@ttu.edu
Degree Program Coordinator Phone: (806) 834-3575
Degree Program Coordinator Mail Stop: 1270
Program Purpose Statement: To prepare graduates for careers in dietetics and related fields by offering core knowledge and skills through quality education, research and service, for the purpose of improving and enhancing the human condition.

Student Learning Outcome: In-Depth Knowledge

Have an in-depth and accurate knowledge of the dietetics field.

Outcome Status: Inactive
Outcome Type: Student Learning
Start Date: 08/25/2014
End Date: 08/31/2016

Assessment Methods

Course Level Assessment - Students must be able to demonstrate how to interpret, evaluate and use professional literature to make ethical evidence-based practice decisions in NS 4350 (Active)

Criterion: Students must demonstrate a comprehensive knowledge of interpreting, evaluating and analyzing journal articles, in order to make ethical evidence-based practice decisions. 80% of all students will complete the major project with a grade of "B" (80%) or better
Schedule: When Assessing: Every Year
Related Documents:
Rubric for diet critique.xls
articlecritiquerubric2014.pdf

Course Level Assessment - NS 4330 (Community Nutrition) - Major Project involving a needs assessment and educational intervention. (Active)

Criterion: 80% of students will successfully complete (with a grade of "B" or above) a needs assessment, develop curriculum and behavioral model and finally develop a marketing implementation and evaluation on a target population assigned by the instructor.
Schedule: When Assessing: Every Year
Related Documents:
4330 grading rubric Assignment 3-needs assessment.xlsx
4330 grading rubric Assignment 4-nutr ed curr.xlsx
4330 grading rubric Assignment 5-marketing eval.xlsx
### Student Learning Outcome: Problem Solving

Use knowledge gained to solve practical problems.

**Outcome Status:** Inactive  
**Outcome Type:** Student Learning  
**Start Date:** 08/25/2014  
**End Date:** 08/31/2016

**Assessment Methods**

**Case Studies** - Students must be able to use the nutrition care process to make decisions, identify nutrition related problems and determine and evaluate nutrition interventions. This learning outcome is evaluated in NS 4340 (Medical Nutrition Therapy 1). (Active)

**Criterion:** Students complete four case studies in this course, and are evaluated according to their ability to select a proper course of action based upon the nutrition problem presented. 80% of all students will complete the required assignments with a passing grade (grade of "B" (80%) or better).  
**Schedule:** When Assessing: Every Year

**Case Studies** - Students must be able to use the nutrition care process to make decisions, identify nutrition related problems and determine and evaluate nutrition interventions. This learning outcome is evaluated in NS 4341 (Medical Nutrition Therapy 2). (Active)

**Criterion:** Students complete five case studies in this course, and are evaluated according to their ability to select a proper course of action based upon the nutrition problem presented. 80% of all students will complete the required assignments with a passing grade (grade of "B" (80%) or better).  
**Schedule:** When Assessing: Every Year

### Student Learning Outcome: Communication Competence

Communicate effectively and appropriately (orally and in writing).

**Outcome Status:** Inactive  
**Outcome Type:** Student Learning  
**Start Date:** 08/25/2014  
**End Date:** 08/31/2016

**Assessment Methods**

**Course Level Assessment** - NS 4350 - Emerging Issues in Food Science and Nutrition writing blog assignment. (Active)

**Criterion:** 80% of student will receive a grade of "B" (80%) or better on a project where students will create and design a blog utilizing a health or nutrition platform for a specific target audience.  
**Schedule:** When Assessing: Every Year  
**Related Documents:**  
blogrubric.docx

**Course Level Assessment** - NS 2380 - Cultural Aspects of Food written and oral presentation assignment (Active)

**Criterion:** 80% of students will receive a grade of "B" (80%) or better on a cultural foods group project presentation on a specific target population.  
**Schedule:** When Assessing: Every Year  
**Related Documents:**  
NS 2380 Cultural Foods Project Rubric.doc
Student Learning Outcome: In-depth Knowledge

Have an in-depth and accurate knowledge of the dietetics field

**Outcome Status:** Inactive

**Outcome Type:** Student Learning

**Start Date:** 07/01/2006

**End Date:** 08/31/2014

**Assessment Methods**

**Performance** - Assessment is based upon whether students receive DPD verification. (Active)

**Criterion:** DPD verification is granted to students who complete each of the required 33 courses with a C average or better.

Student Learning Outcome: Problem Solving

Use knowledge gained to solve practical problems.

**Outcome Status:** Inactive

**Outcome Type:** Student Learning

**Start Date:** 07/01/2006

**End Date:** 08/31/2014

**Assessment Methods**

**Case Studies** - Students must be able to use the nutrition care process to make decisions, identify nutrition related problems and determine and evaluate nutrition interventions, including medical nutrition therapy, disease prevention and health promotion. This learning outcome is evaluated in NS 2420, NS 3310, NS 3340, NS 4330, NS 4340, and NS 4341. (Active)

**Criterion:** Students complete multiple case studies in each of these courses and are evaluated according to their ability to select a proper course of action based upon the nutrition problem presented. 70% of all students will complete the required assignments with a passing grade.

**Schedule:** Courses are offered annually.

Student Learning Outcome: ACEND

Accreditation Council for Education on Nutrition and Dietetics (ACEND)

Knowledge and Skills will be met.

**Outcome Status:** Inactive

**Outcome Type:** Student Learning

**Start Date:** 07/01/2006

**End Date:** 08/31/2014

**Assessment Methods**

**Performance** - Students must obtain acceptance into an internship program and subsequently complete the national RD exam. (Active)

Student Learning Outcome: In Depth Knowledge

Students will have an in-depth and comprehensive knowledge of the nutrition and dietetics field
Degree Program - HS - Nutritional Sciences and Dietetics (BS)

Outcome Status: Active
Outcome Type: Student Learning
Start Date: 09/01/2016

Assessment Methods

**Capstone Assignment/Project** - NS 4330-Community Nutrition Project (Active)

| Criterion: DIRECT ASSESSMENT/EMBEDDED ASSIGNMENT: There is an assignment embedded in this senior level course. This assignment is one way we assess student learning towards the end of the degree program. The students must conduct a needs assessment, develop curriculum and behavioral model and final develop a marketing implementation and evaluation on a target population. 80% of students will earn a "B" (80%) on this assignment which meet expectation based on the rubric. |
| Schedule: Annually |
| Related Documents: |
| 4330 grading rubric Assignment 3-needs assessment.xlsx |
| 4330 grading rubric Assignment 4-nutr ed curr.xlsx |
| 4330 grading rubric Assignment 5-marketing eval.xlsx |

**Course Level Assessment** - NS 4360-Intro to Nutrition Research Major Project (Active)

| Criterion: DIRECT ASSESSMENT/EMBEDDED ASSIGNMENT: This assignment is one way we assess the students ability to demonstrate a comprehensive knowledge of interpreting, evaluating and analyzing journal articles, in order to make ethical evidence-based practice decisions. 70% of all students will complete the major project (EAL) with a grade of "B" (80%) or better. |
| Schedule: Annually |

**Student Learning Outcome: Ability to Solve Nutrition/Dietetic Problems:**

Students will be able to use the knowledge gained to solve practical problems in nutrition and dietetics

Outcome Status: Active
Outcome Type: Student Learning
Start Date: 09/01/2016

Assessment Methods

**Course Level Assessment** - NS 4340-Medical Nutrition Therapy I (Active)

| Criterion: DIRECT ASSESSMENT/EMBEDDED ASSIGNMENT: This assignment is one way we assess student learning towards the end of the degree program. More specifically the students' ability to identify nutrition-related problems and select a proper course of action including nutrition intervention for a patient. Students complete four case studies covering four different diseases/conditions. 80% of students will successfully complete the case studies with a grade of "B" (80%) or better. |
| Schedule: Annually |

**Course Level Assessment** - NS 4341-Medical Nutrition Therapy II (Active)

| Criterion: DIRECT ASSESSMENT/EMBEDDED ASSIGNMENT: This assignment is one way we assess student learning towards the end of the degree program. More specifically the students' ability to identify nutrition-related problems and select a proper course of action including nutrition intervention for a patient. Students complete five case studies covering five different disease states. 80% of students will successfully complete the case studies with a grade of "B" (80%) or better. |
| Schedule: Annually |
Student Learning Outcome: Communication Competency

Student will be able to effectively communicate nutrition information in written and oral form

Outcome Status: Active
Outcome Type: Student Learning
Start Date: 09/01/2016

Assessment Methods

**Course Level Assessment - NS 4350-Emerging Issues in Food Science and Nutrition- Blog development and Mock TV Interview (Active)**

**Criterion:** DIRECT ASSESSMENT/EMBEDDED ASSIGNMENT: These assignments are a couple of ways written and oral communication is assessed. Further, it is an opportunity for students to develop skills in writing for the internet as well as speaking on camera, which is a desirable competence in the field of nutrition and dietetics. Students will design a blog utilizing a nutrition related topic for a specific target audience. In addition, these students will also complete a 1-2 minute mock TV interview as if they are the nutrition expert on a particular topic. 80% of students will receive a grade of "B" (80%) or better on the project.

**Schedule:** Annually
**Related Documents:**
- blogrubric 2016.pdf
- GradingMediaPresentationFall2015.pdf

**Course Level Assessment - NS 2380-Cultural Aspects of Foods -State and Country Project (Active)**

**Criterion:** DIRECT ASSESSMENT/EMBEDDED ASSIGNMENT: Students complete an oral and written assignment on two target audiences-one state and one country. These assignment cover cultural aspects of their target state/country that deal with food, nutrition and how it influences their health, religion, and lifestyle. They must include power points and food representative of the target audience. 80% of students will receive a grade of "B" (80%) or better on this assignment.

**Schedule:** Annually
**Related Documents:**
- NS 2380 Major Project (Country) Rubric 2016.pdf
- NS 2380 Major Project (State) Rubric 2016.pdf