

**COLLEGE OF NATURAL AND APPLIED SCIENCES
CONSUMER AND FAMILY SCIENCES (CFS)
BACHELOR OF ARTS IN CONSUMER AND FAMILY SCIENCES
MINOR IN CONSUMER AND FAMILY SCIENCES
SECONDARY ED. SPECIALIZATION IN CONSUMER AND FAMILY SCIENCES
ONE FULL-TIME FACULTY MEMBER**

CFS CURRICULAR MAPPINGS (CMs)

GE SCIENCE SLOs

- SC GE-1: observe, describe, and interpret natural and experimental phenomena within the context of a scientific paradigm;
- SC GE-2: develop and employ skills of logical and critical thinking to collect and analyze data, interpret results, and write reports;
- SC GE-3: characterize scientific knowledge as theories and principles that result from experimentation that are subject to revision based on new observations and discoveries;
- SC GE-4: apply basic scientific principles and methods to explore the workings of the natural world, particularly in this region;
- SC GE-5: apply basic scientific principles and methods to solve real-world problems, and make appropriate use of science in their choices as citizens.
- SC GE-6: identify the capabilities and limitations of science, and distinguish science from pseudoscience;
- SC GE-7: identify how scientific ideas and values have been integrated into society and how other aspects of society affect science as a human activity.

GE PERSONAL DEVELOPMENT (PD)

- PD GE-1: Provide content appropriate for students to develop an understanding of one or more aspects for health and wellness (health-related fitness, nutrition, emotional health, social relationships, stress reduction, first aid and safety) and how this contributes to a healthy, productive, satisfying life
- PD GE-2: Provide opportunity for students to formulate questions concerning their personal health and/or wellness;
- PD GE-3: Provide opportunity for students to research or reflect on their questions related to health and wellness;
- PD GE-4: Provide opportunity for students to evaluate health and wellness information;
- PD GE-5: Provide opportunity for students to develop a personal philosophy concerning health and wellness;
- PD GE-6: Provide rich, active experiences to motivate students to adopt healthy lifestyle choices;

CFS DEGREE PROGRAM SLOs

- **CF PROGRAM GOAL 1:** Acquire a knowledge base in clothing and textiles with the following objectives:
 - CF PR-11: Demonstrate criterion level skills in basic clothing construction.
 - CF PR-12: Demonstrate criterion level knowledge of fiber and textile materials.
- **CF PROGRAM GOAL 2:** Acquire a knowledge base in housing and interior design with the following objectives:
 - CF PR-21: Demonstrate criterion level knowledge and skills in housing decisions in relation to available resources and options.
 - CF PR-22: Demonstrate criterion level skills in use of housing and interior furnishings and products in meeting specific design needs.
 - CF PR-23: Demonstrate design ideas through visual presentation.
- **CF PROGRAM GOAL 3:** Acquire a knowledge base in family resource management with the following objectives:
 - CF PR-31: Demonstrate criterion level knowledge of family diversity in the global community.
 - CF PR-32: Demonstrate criterion level knowledge of family resource management processes.
- **CF PROGRAM GOAL 4:** Acquire a knowledge base of the community context in which family functioning and development take place with the following objectives:
 - CF PR-41: Demonstrate criterion level knowledge of the effects of context (social, economic, political, historical, & cultural environment) on family functioning & development.
- **CF PROGRAM GOAL 5:** Acquire a knowledge base food, nutrition, and health with the following objectives:
 - CF PR-51: Demonstrate criterion level knowledge of the influence of nutrition and health practices across the life span.
 - CF PR-52: Demonstrate criterion level knowledge & skills to acquire, handle, & use foods to meet nutrition & health needs of individuals & families across the life span.
 - CF PR-53: Demonstrate criterion level knowledge and skills to evaluate factors that affect food safety, and food production through consumption.
- **CF PROGRAM GOAL 6:** Acquire professional skills with following objectives:
 - CF PR-61: Demonstrate criterion level skills in written communication.
 - CF PR-62: Demonstrate criterion level skills in oral communication.
 - CF PR-63: Demonstrate a basic level of computer literacy.
 - CF PR-64: Demonstrate basic competence in "helping" skills.
 - CF PR-65: Demonstrate basic research skills.
- **CF PROGRAM GOAL 7:** Apply knowledge and professional skills to address issues encountered in professional settings with the following objectives:
 - CF PR-71: Demonstrate critical thinking skills and problem solving abilities.
 - CF PR-72: Demonstrate commitment to professional values and ethical behavior.
 - CF PR-73: Demonstrate a satisfactory level of preparation for the world of work and responsibility for continued professional growth.

CFS GE SCIENCE CM								CFS DEGREE PROGRAM CM																			
COURSE NO.	LINK TO GE SCIENCE SLOs ¹							COURSE NO.	LINK TO PROGRAM SLOs ¹																		
	SC GE-1	SC GE-2	SC GE-3	SC GE-4	SC GE-5	SC GE-6	SC GE-7		CF PR-11	CF PR-12	CF PR-21	CF PR-22	CF PR-23	CF PR-31	CF PR-32	CF PR-41	CF PR-51	CF PR-52	CF PR-53	CF PR-61	CF PR-62	CF PR-63	CF PR-64	CF PR-65	CF PR-71	CF PR-72	CF PR-73
CF325/CF325L	1,2	2	2	1,2,3	3,4,5		5	CF 120	1,2,3																		
								CF140									2	2,3,4,5	1								
								CF230										1,2,3,4	1	1,3			1			3	
								CF231										1,2,4	2,3,4	1	3		1			1,2,4	
								CF309						1,2,3,4,5		1,2,3,4,5											
CF230	1,2,3,4	2,4	1,2,3,4	1,3	1,2,3,4	1,2,3,4		CF315			1,2,4	1,2,4	1,2,3														
CF231	1,2,3,4	3,4	1,2,3,4	1,4	1,2,3,4	1,2,3,4		CF325/CF325L			1,2,3,4,5																
								CF339							3		2,3	3	3	1,2,3,4	1,2,3,4		3	5	1,2		
								CF342				5							1,2,3,4,5,6,7,8,9					6	4,6,8,9		
								CF351			1			1	1,2	1				1,2,3,4,5,6,7	4,5	5		5,6	1,2,3,4,5,6,7	7	
								CF/AG389								1,2,3,4,5				1,2,3,4,5	1,2,3,4,5		3,4	4,5	4,5	3,4,5	
								CF392																			
								CF/ED402									1,4,5			1,3	1,4,5		2,4,5	1,2	1,3,4,5		
								CF430								1,3	1,2,3,4,5	1,2,3,4,5	4	2,3,4	1,2,3	4		1,2,3,4,5	1,3,4,5		
								CF435									1,2,3,4,5	3,4,5		1,2,3	1,3,4	2,5	4,5	1,2,3	4		
								CF445									1,2,3,4,5,6	1,2,3,4,5,6	3					3,4,5,6	3,4,5,6		
								CF450			1			2,3,4		2,3,4				1,2,3,4,5,6,7,8	1,2,3,4,5,6,7,8	7		7,8	1,2,3,4,5,6,7,8		
								CF460									3,4			1,2,3,4		4		2,4	2,3,4		
								CF491												1	1,2				3	1	1,2,3
								CF498												1,2,3	1,2,3		2	3	3	2,3	2,3

¹The numbers are course SLO numbers that link the course to the program SLO (See UOG/CNAS/CNAS Assessment Website for detailed descriptions of these course SLOs by visiting: <http://www.uog.edu/dynamicdata/CNASAssessment.aspx?siteid=2&p=20>);

CFS ASSESSMENT ACTIVITY

ASSESSMENT ACTIVITY

Activity #1 — Assess CF231 Nutrition For Health Professionals. CF231 is a General Education course under the "personal development" category. Program chose to assess the GE-PD Learning Objective #1:
"to enable students to obtain the knowledge and skills necessary to solve problems in dietetics, food preparation and safety, chronic disease prevention and management, and metabolism".
 Dr. Rachael Leon Guerrero administered pre- and post-tests to students enrolled in CF231 (n=82) during the Spring 2007 semester.

Activity #2 — Assess CFS Degree Program. Dr. Rachael Leon Guerrero conducted Pre- and Post-test evaluations of CFS students in Spring, 2008. Questions for the Pre- and Post-Test were based on the 16 CFS Degree Program Learning Objectives. For each of the 16 objectives, at least 3 objective questions were developed. Questions came from actual exams in the CFS courses. The pre-test was administered to freshman- and sophomore- level students enrolled in CF120 and CF140. The post-test was administered to graduating students enrolled in CF491 and CF435.

ASSESSMENT RESULTS AND RECOMMENDATIONS FOR PROGRAM IMPROVEMENTS

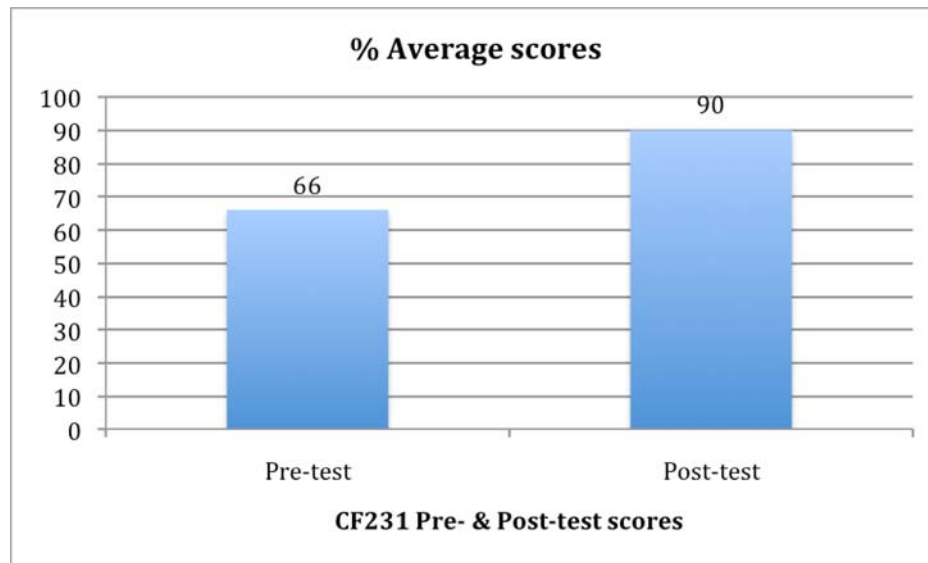
1. Summary of Assessment Results (See page 2 of Poster for details)
2. Recommendations for Improvements
 - a. Comparisons of the scores indicated that student scores increased in the post-tests indicating that they gained knowledge in the various subjects
 - b. Review syllabus and identify where more emphasis is needed;
 - c. Give regular quizzes to engage student on the level of requirement;
 - d. Further refinement of the test questions for ongoing assessment

CFS PRE- AND POST-TESTS ASSESSMENT STUDIES

Summary of Assessment Results

1. The results from the pre- and post-exams for CF231 Nutrition For Health Professionals (Activity #1)

a. Figure 1.0. Average score for the CF231 student at pre-test and post-test



The results show a general improvement on student's performance. However, the level of improvement is not so significant considering that many of them show adequate level of subject knowledge from the pre-test results of about 66%.

2. The results from the pre- and post-assessments for CFS Degree Program (Activity #2)

Figure 2. — Average Total Scores for the pre- and post test for CFS students

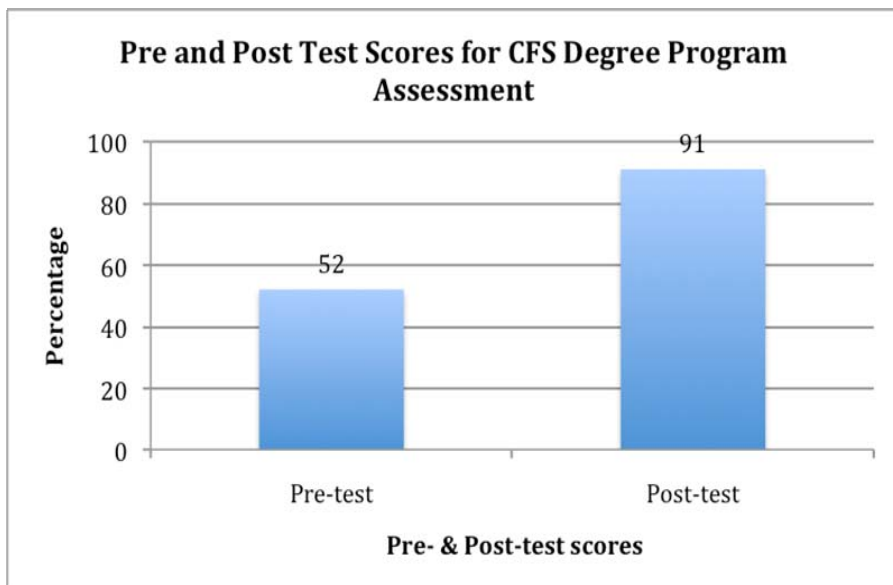


Figure 2 shows improvement in the average scores of students from pre-test to post-test.

Figure 3 — Average Pre and Post Test Scores by CFS category for CFS students

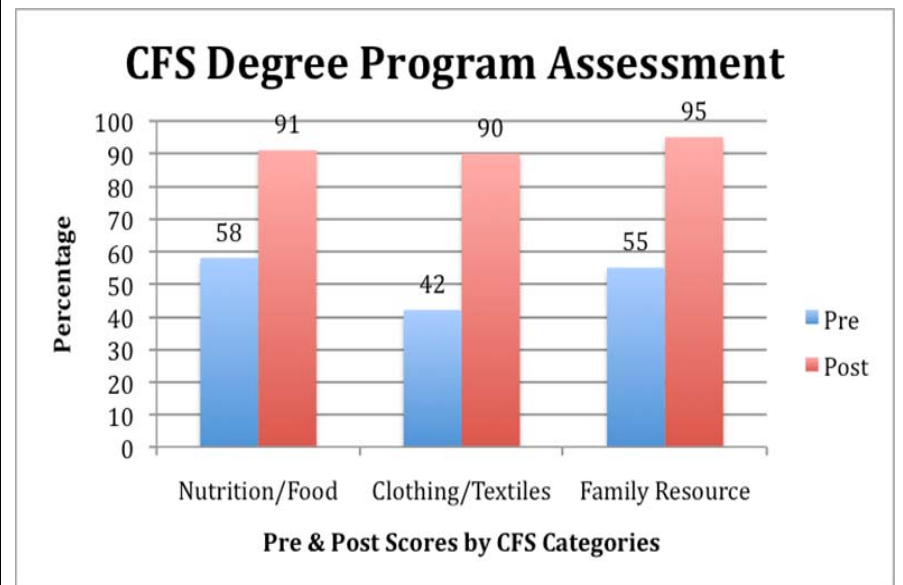


Figure 3 improvement in student scores across all CFS categories. Graduating seniors scored well in all areas within CFS. Pre-test scores indicate that freshmen and sophomore students have some base knowledge of finances/family resources and nutrition, but very little clothing/textile knowledge.