

OCCC Program Outcomes Assessment

Name of Program	Assessment Measure	# of Students Assessed	Analysis and findings	Instructional Changes
Business Program				
	Demonstrate the ability to effectively communicate both orally and in writing in a professional business environment.	144	122 students scored 100% on their portfolio which met the 80% success requirement.	Students met the criteria.
		196	189 students scored 80% or better on the final oral presentation with resulted in a 96% success rate using the 80% success requirement.	Students met the criteria.
CAD				
	Draw a residential plot plan.	12	The average grade was 75% (C).	Spend more time on reading and using surveyors coordinates and how to use bearings. Encourage students to complete the assignments.
	Create a 5-minute video.	7	Some students need further assistance on developing and following storyboards.	Set weekly deadlines throughout the course. More emphasis should be placed on developing a demo reel.

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	Create a full set of architectural plans.	3	Some students were not adequately prepared.	<p>Set weekly deadlines throughout the course.</p> <p>Project must be completed, proofed, and printed by Wednesday of the 15th week or student will not be able to do their presentation.</p> <p>Students transferring from other schools will not be able to take design project unless they have completed CAD 2543 - Applications in CAD - Architectural.</p>
Child Development				
	Establish and maintain positive, collaborative relationships with children's families.	11	8 of the 11 mastered this competency at the 100% level, 3 of the 11 partially displayed this competency at the fifty percent rate of mastery.	Because students submit an assignment early in the semester regarding demonstrating sensitivity to differences in family structures and social cultural backgrounds and this was one area needing improvement, faculty will be reviewing the course schedule for potential changes.
	Advocate on behalf of young children and their families.	25	22 of the 25 students mastered this competency at the 100% level, 3 of the 25 partially displayed this competency at a seventy percent level of mastery.	Due to the positive results there will be no changes.
	Recognize signs of emotional distress, child abuse, and neglect in young children.	73	73 of 73 used to demonstrate this competency at or above the eighty percent level of mastery.	Due to the positive results there will be no changes.

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Computer Science				
	Subdivide a complex problem into appropriate program modules	65	74% of the students assessed demonstrated proficiency by scoring 70% or more on the measured competency.	The course should be updated to use "C" language as the programming tool.
Diversified Studies				
	Because diversified studies is designed for students to complete a combination of courses within various programs the only common outcomes would be those identified through the general education core competencies.		Currently the internal general education core competencies do not track specific students. In addition the Academic Profile Test does not yield individual test scores.	<p>The College will be implementing the Collegiate Assessment of Academic Proficiency (CAAP) tests in the Spring of 2007. Test results will be available for individual students.</p> <p>An Advisory group will be established during the FY2007 to identify specific learning outcomes.</p>
Nursing				
	Demonstrate comprehensive knowledge of the nursing curriculum and utilize the knowledge to provide client care in the health care setting.	121	83.4% passed the NCLEX-RN test on the first try and a total of 97% passed on the second try. The national average is 87.3%. (This data is from 2004-05.)	More application items will be included in each course's exams. Faculty have also adopted a computerized learning system that includes benchmarks for progression in the program.

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	Demonstrate professional behaviors consistent with the ethical and legal frameworks of nursing and with community expectations of an entry level Registered Nurse.	129	All students who graduated from the nursing program in academic year 2005-2006 received a passing grade on the criteria that pertained to professional behavior.	The expected level of achievement was attained. However revision to the clinical evaluation tool will be implemented in the Fall of 2006.
		129	All students received a passing grade on the required Service Learning Projects and reflective papers.	None
Psychology				
	Demonstrate awareness of the complexity of Psychology as an academic discipline.	94	50% of the students met the 70% requirement with none of the students exceeding 80%. It appeared that the students did not take the test seriously.	The methodology used to test students needs to be improved.
		61	51% of the students met the 70% requirement.	
		33	45% of the students taking the short form met the 70% requirement.	

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Respiratory Care Therapist				
	Demonstrate comprehension of and the ability to apply knowledge necessary to perform as an advanced level respiratory care practitioner.	27	100% of the graduates passed the Entry Level Certification Exam of the National Board for Respiratory Care compared to the national average of 78%.	No action will be taken at this time.
Science				
	Analyze problems drawn from the physical sciences and mathematics, recognize the appropriate principles involved, synthesize solution strategies and apply concepts and techniques from program courses to solve the problems.	47	50% of students taking the comprehensive final test scored at least 80%. 53% of students taking the comprehensive final test scored at least 80%.	Students receiving program credit for courses are well-versed in the physical principles and ready for future courses.
	Apply standard laboratory techniques to acquire and analyze experimental data.	47	83% of the students scored above 80% on Laboratory 4 chosen for its detailed experimental methods as well as thorough error analysis. 78% of students scored above 80% on Laboratory 3 chosen for the requirement of students to build circuits and take accurate data of the resulting parameters.	There have been significant changes to the order of presentation as well as the inventory of some laboratory equipment that is not reflected in the current laboratory manual. Updating of the manual including re-ordering experiments as well as re-writing outdated sections, should be a priority. This should also increase the validity of the use of these experiments to measure student learning outcomes.

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	Develop and report conclusions drawn from an analysis of laboratory experiments.	47	<p>94% of students scored above 80% on Laboratory 5 chosen for the reliance on the analysis of fundamental energy principles to form a reasonable conclusion.</p> <p>100% of students scored above 80% on Laboratory 6, chosen because the principles involved in the analysis and conclusions of the microwave data spanned much of the entire unit of study in the course.</p>	
Sociology				
	Specify the nature of social problems, sociological explanations of their causes, and sociological proposals for their solution.	24	Faculty expected 75% of the students to meet the benchmark and 75% completed the project successfully.	Faculty will make it a priority to ensure that course content effectively reinforce sociological proposals for solutions to social problems. Efforts will also be made to increase emphasis on the components and process of research design.
	Design a sociological research project based on the sociological research model.	24	Faculty expected 75% of the students to meet the benchmark and 75% completed the project successfully.	