

# Course and Degree/Certificate SLO Alignment **Workshop**

15 Sept 2012

# Alignment of Course and GE SLOs

- Courses that fulfill GE requirements have course SLOs that align to GE SLOs
- Example: Geography
  - GEOG 100 satisfies Natural Science requirement
  - GEOG 110 and 150 satisfy Social Science requirement

GE-SLOs → Program Courses ↓	Effective Communication	Quantitative Skills	Critical Thinking	Social Awareness and Diversity	Ethical Responsibility
GEOG 100		√	√		√
GEOG 110	√		√	√	√
GEOG 150	√		√	√	√

# Alignment of Course and Degree or Certificate SLOs

- Courses that fulfill *major* requirements have course SLOs that align to degree or certificate SLOs

# Alignment of Course and Degree or Certificate SLOs

- Example: Chemistry 231 is one of four major courses required for the AS in Chemistry

Course ID	Course Outcome	Degree SLO 1	Degree SLO 2	Degree SLO 3	Degree SLO 4
CSM CHEM 231	Apply a general understanding of structure and properties of organic compounds (analysis/knowledge/comprehension)	X	X		
CSM CHEM 231	Comprehend, compare and contrast nucleophilic substitution reactions and elimination reactions (application/analysis)	X	X		X
CSM CHEM 231	Demonstrate knowledge of IUPAC nomenclature system and apply to range of simple organic compounds (Knowledge/comprehension/application)	X	X		X
CSM CHEM 231	Demonstrate understanding of theories of stereochemistry and relate theories to structure and properties (Comprehension/analysis)	X	X		X
CSM CHEM 231	Develop laboratory skills with special reference to organic synthesis and structural determination. (Synthesis/analysis)	X		X	
Degree SLOs					
	1 Demonstrate preparedness to transfer to a 4 year institution				
	2 Effectively explain general chemistry and organic chemistry theories and concepts. (Effective Communication)				
	3 Perform quantitative analysis relating but not limited to graphical and numerical data obtained from laboratory experiments, and apply general chemistry and organic chemistry theories to solve problems. (Quantitative Skill)				
	4 Critically analyze and apply general chemistry and organic chemistry concepts. (Critical Thinking)				

# Why align SLOs?

- ACCJC requirement
- Allows for trickle up assessment
- If you directly assess a Degree SLO and get an unfavorable result, it tells you where you may need curricular changes to improve the program.

# Program Report to Show Alignment

- Course Objectives Related to Goals
  - Shows which Course SLOs align to each Program (Degree or Certificate) SLO
  - This is short
- Course Assessment Report
  - Run from the Program shows all assessment results for each Course SLO aligned with each Program SLO
  - This is big!