



**SEMINOLE  
STATE  
COLLEGE**  
OF FLORIDA

**Student Learning Outcomes:  
A 3-Tiered Approach**

# Purpose

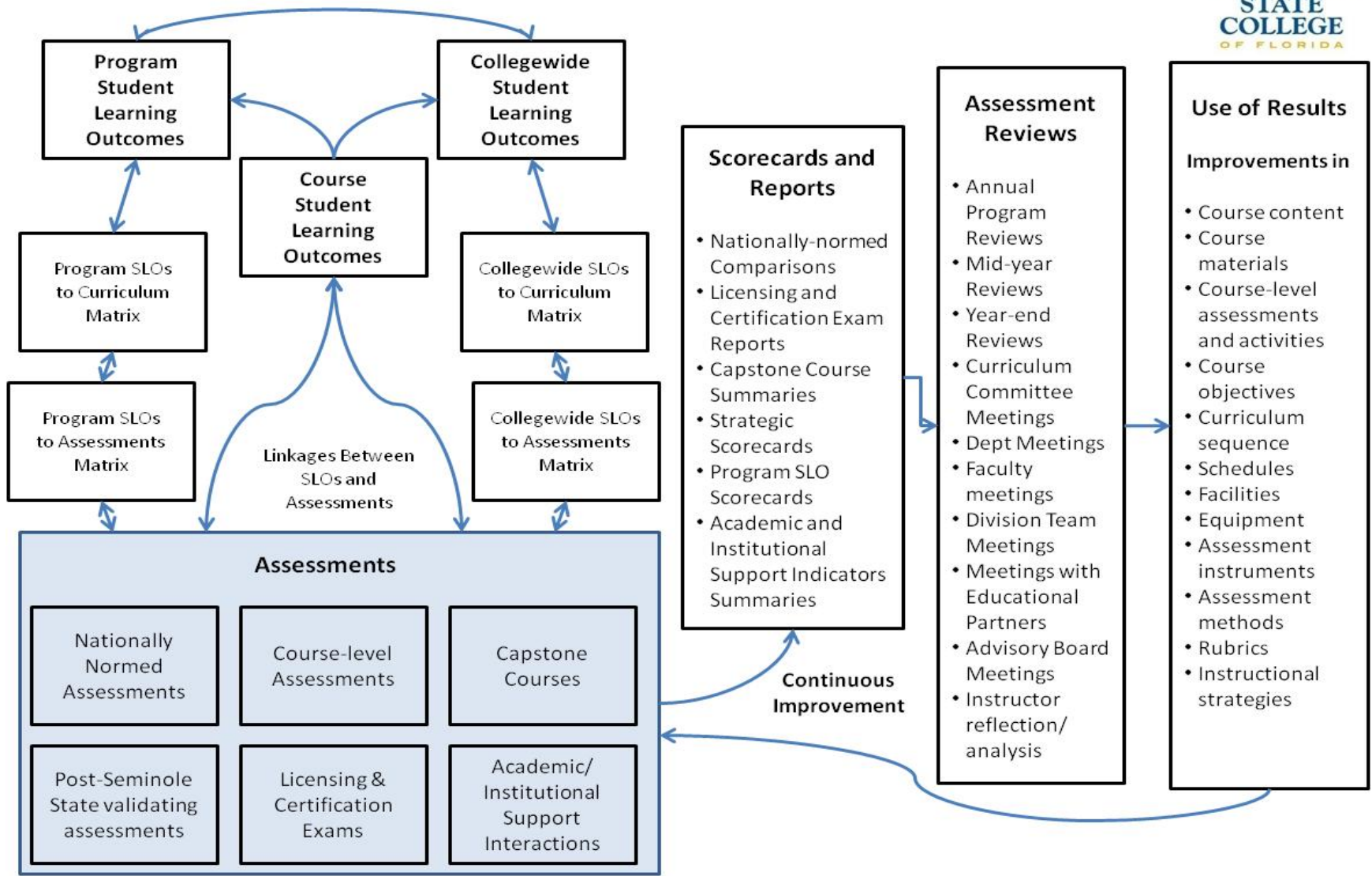
- Share Seminole State model for assessing Student Learning Outcomes
- Gather feedback to refine our approach

# Student Learning Outcomes

- Why assess?
  - SACS accreditation requirement (3.3.1.1, 3.3.1.2, 3.3.1.3, 3.5.1)
  - Support institutional effectiveness and continuous improvement assessment cycles
  - Ensure students are demonstrating learning and competencies
  - Fulfill a Strategic Goal and Strategic Action

# Overall Approach

## Student Learning Outcome Assessment and Continuous Improvement



# Collegewide Student Learning Outcomes

- **Communication:** Read, write, speak, and listen effectively
- **Critical Thinking:** Observe, analyze, and synthesize information and apply problem solving skills
- **Scientific and Quantitative Reasoning:** Understand and apply mathematics and scientific principles and methods
- **Information Literacy:** Find, evaluate, organize, and use appropriate information
- **Global Sociocultural Responsibility:** Prepare to participate actively as informed and responsible citizens in social, cultural, global, and environmental matters

# Collegewide SLO Assessments

- **Direct**

- ETS Proficiency Profile (formerly MAPP)
- Standardized Assessment of Information Literacy (SAILS)
- Global Perspective Inventory (GPI)
- Course and Program-level Assessments

- **Indirect**

- Community College Survey of Student Engagement (CCSSE)
- Noel-Levitz Student Satisfaction Inventory
- Educational Support Area Indicators

# Program Student Learning Outcomes

- Learning Outcomes specific to degree programs (examples)
  - Nursing AS degree
    - Demonstrate theoretical knowledge and clinical application of the 5 core competencies of a registered nurse
  - Accounting AS degree
    - Demonstrate abilities to prepare financial statements encompassing the complete accounting cycle
  - Building Construction AS degree
    - Illustrate proficiency in the art and science of developing a construction management plan

# Program SLO Assessments

- Combination of
  - Course-level assessments (exams, assignments)
  - Capstone course projects and assignments
  - Licensing and Certification exams
  - Scenarios, simulations, and inspections
  - Practicums and clinical exercises
  - Standardized exams
- Approximately 200 assessments per term linked to 350 Program SLOs across nearly 200 degree/certificate programs



# Course Student Learning Outcomes

- Objectives and assessments linked to course activities
  - Course assignments
  - Exams and quizzes
  - Group and individual projects
- Described in each course master syllabus
- Related to both
  - Collegewide SLOs
  - Program SLOs

# Linking Course-level Assessments and Collegewide SLOs

A matrix for each  
course relates  
Course-level  
assessments to  
Collegewide SLOs  
(Example:  
ARC1301,  
Architectural  
Design I)

SEMINOLE STATE COLLEGE OF FLORIDA COURSE ASSESSMENTS TO COLLEGEWIDE STUDENT LEARNING OUTCOMES MATRIX					
Department: <u>Architecture, Engineering and Construction</u>					
Course Title & Number: <u>ARC1301 Architectural Design I</u>					
Completed by: <u>Keemah Jackson Platt</u> Date: <u>6/2/2011</u>					
COLLEGEWIDE STUDENT LEARNING OUTCOMES					
Assessment Strategies	COMMUNICATION	CRITICAL THINKING	SCIENTIFIC AND QUANTITATIVE REASONING	INFORMATION LITERACY	GLOBAL SOCIOCULTURAL RESPONSIBILITY
	Apprenticeship				
Class Discussion	M	M	s	M	s
Clinical Experience					
Comprehensive Exam					
Diagnostic Worksheet					
Exam					
Group Project					
Group Work in Class	M	M	s	M	s
Homework	M	M	s	M	s
Individual Project	M	M	s	M	s
Inspection Form					
Internship					
Laboratory Exam					
Paper/Report/Brief	M	M	s	M	s
Peer Evaluation					
Portfolio					
Pre-certification Exam					
Presentation	M	M	s	M	s
Scenario Exercise					
Self Evaluation					
Service Learning					
Test/Quiz					
Writing Sample/Letter					
Other Assessment Strategy (describe)					
M = Major emphasis within the course s = Supporting emphasis within the course					
<b>Collegewide Student Learning Outcomes</b>					
<b>Communication:</b> Read, write, speak, and listen effectively.					
<b>Critical Thinking:</b> Observe, analyze, and synthesize information and apply problem-solving skills.					
<b>Scientific and Quantitative Reasoning:</b> Understand and appropriately apply mathematics and scientific principles and methods.					
<b>Information Literacy:</b> Find, evaluate, organize and use appropriate information.					
<b>Global Sociocultural Responsibility:</b> Prepare the student to participate actively as informed and responsible citizens in social, cultural, global and environmental matters.					

# Linking Curriculum Sequence with Collegewide SLOs

A matrix for each degree program relates Course Requirements to Collegewide SLOs (Example: Bachelor of Science in Architectural Engineering Technology)

BSAET Core Technical Courses	Communication: Read, write, speak, and listen effectively.	Critical Thinking: Observe, analyze, and synthesize information and apply problems-solving skills.	Scientific & Quantitative Reasoning: Understand and appropriately apply mathematics and scientific principles and methods.	Information Literacy: Find, evaluate, organize and use appropriate information.	Global Sociocultural Responsibility: Prepare to participate actively as informed and responsible citizens in social, cultural global and environmental matters.
ARC 1301	M	M	s		s
BCN 2230		s	s		
BCN 2231	s	s	s		s
BCN 2770				s	
BCN 2942	s	s		s	s
BCN 3404		M	M	s	
BCN 3568		M	M	s	
BCN 3708	s	s	s	s	
BCN 4751c		s	s	s	
CHM 1020		s	M	s	
EET 3085c		s	M	s	
EGS 1111C	M	s			
ETD 1320C	M	s			
ETG 2502		s	M		
ETG 3533c		s	M	s	
ETG 4950	M	M	M	s	s
ETG 4951	M	M	M	s	s
ETI 3630	M	s			s
ETI 3671		s		s	s
IND 3469	M	s			
IND 4611		s	M	s	
MAC 1105		s	M		
MAC 1114		s	M		
MAC 2233 (OR MAC 2311)		s	M		
PHY 1053c		M	M	s	
STA 2023 (OR MAC 2312)		s	M		
SUR 2101C (or BCN 2272)		s	M		

# Linking Course-level Assessments and Program SLOs

A matrix for  
each course  
relates  
Course-level  
assessments  
to Program  
SLOs

SEMINOLE STATE COLLEGE OF FLORIDA COURSE ASSESSMENTS TO PROGRAM STUDENT LEARNING OUTCOMES MATRIX				
Department: <u>Architecture, Engineering and Construction</u>				
Course Title & Number: <u>ARC1301 Architectural Design I</u>				
Completed by: <u>Keemah Jackson Platt</u> Date: <u>6/2/2011</u>				
Example	PROGRAM STUDENT LEARNING OUTCOMES			
	AET1	AET2	AET3	AET4
Assessment Strategies				
Apprenticeship				
Class Discussion		s		
Clinical Experience				
Comprehensive Exam				
Diagnostic Worksheet				
Exam				
Group Project				
Group Work in Class		M		M
Homework	s	s		s
Individual Project	M	M		M
Inspection Form				
Internship				
Laboratory Exam				
Paper/Report/Brief	M	M		M
Peer Evaluation				
Portfolio				
Pre-certification Exam				
Presentation	M	M		M
Scenario Exercise				
Self Evaluation				
Service Learning				
Test/Quiz				
Writing Sample/Letter				
Other Assessment Strategy (describe)				
M = Major emphasis within the course    s = Supporting emphasis within the course				
<b>Program Student Learning Outcomes</b>				
<b>AET1.</b> The student shall illustrate proficiency in analyzing and designing systems.				
<b>AET2.</b> The student shall illustrate proficiency in specifying project methods and materials.				
<b>AET3.</b> The student shall illustrate proficiency in performing cost estimates and analyses.				
<b>AET4.</b> The student shall illustrate proficiency in managing technical activities in support of architectural projects.				

# Linking Curriculum Sequence with Program SLOs

A matrix for each degree program relates Course Requirements to Program SLOs (Example: Bachelor of Science in Architectural Engineering Technology)

BSAET Core Technical Courses	The student shall illustrate proficiency in analyzing and designing systems.	The student shall illustrate proficiency in specifying project methods and materials.	The student shall illustrate proficiency in performing cost estimates and analyses.	The student shall illustrate proficiency in managing technical activities in support of architectural projects.
ARC 1301	M	s		M
BCN 2230	s	M	M	s
BCN 2231	s	M	M	s
BCN 2770			M	
BCN 2942	s	s	s	s
BCN 3404	M	s	s	s
BCN 3568	M	M	s	s
BCN 3708	M	M	s	s
BCN 4751c	M	s	s	s
CHM 1020	s			
EET 3085c	s	s		
EGS 1111C	s			
ETD 1320C	s		s	s
ETG 2502	s			
ETG 3533c	s			
ETG 4950	M	M	M	M
ETG 4951	M	M	M	M
ETI 3630				M
ETI 3671			M	M
IND 3469	s		s	
IND 4611	M	s	s	
MAC 1105	s			
MAC 1114	s			
MAC 2233 (or MAC 2311)	s			
PHY 1053c	s			
STA 2023 (or MAC 2312)	s			
SUR 2101C (or BCN 2272)	s	s	s	s

# **Questions and Suggestions?**