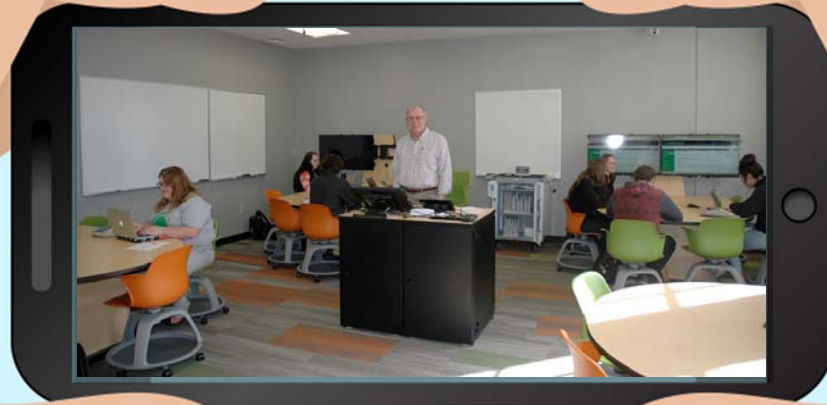# Student Evaluation of Learning and Feedback for Instructors

**Student Evaluation of Learning
and Feedback for Instructors**

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Initial USAT Charge

Phase 1 – USAT committee (2014-15)

- Adopt a new set of quantitative (Likert style) questions
- Allow instructors, programs, and departments to add a unique set of questions
- Make selected results available to students for class registration decisions
- Go paperless

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SETIC Charge

Phase 2 – SETIC (2015-2016)

- Convene SEC-appointed committee members
- Develop an instrument, pilot in Spring 2016, and roll out by Fall 2016
- Conduct campus conversations throughout process
- Move collection and distribution of evaluation data online

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SETIC Process

- Identified an instrument – SEEQ
- Interviewed focus groups to revise instrument
- Conducted psychometric investigation – Fall 2015
- Revised instrument accordingly
- Convened focus groups to review instrument revisions
- Conducted psychometric investigation – Spring 2016
- Intend to test a small rollout – Summer 2016
- Intend to launch an all-campus rollout – Fall 2016

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Exploratory Factor Analysis

Pattern Matrix[a]

	Factor					
	1	2	3	4	5	6
learning1_1		.654				
learning2_2		.720				
learning3_3		.416				
engage1_5					-.504	
engage4_8					-.494	
engage5_9					-.803	
org_clar1_10			-.669			
org_clar2_11			-.815			
org_clar3_12			-.748			
cl_enviro1_19	.579					
cl_enviro3_21	.733					
cl_enviro5_23	.571					
ind_rapp1_24						.418
ind_rapp3_26						.894
ind_rapp4_27						.730
grad_mat2_29				.851		
grad_mat3_30				.729		
grad_mat4_31				.597		

Extraction Method: Principal Axis Factoring.
Rotation Method: Oblimin with Kaiser Normalization.

a. Rotation converged in 12 iterations.

- Done Fall 2015
- Separated into 6 meaningful factors
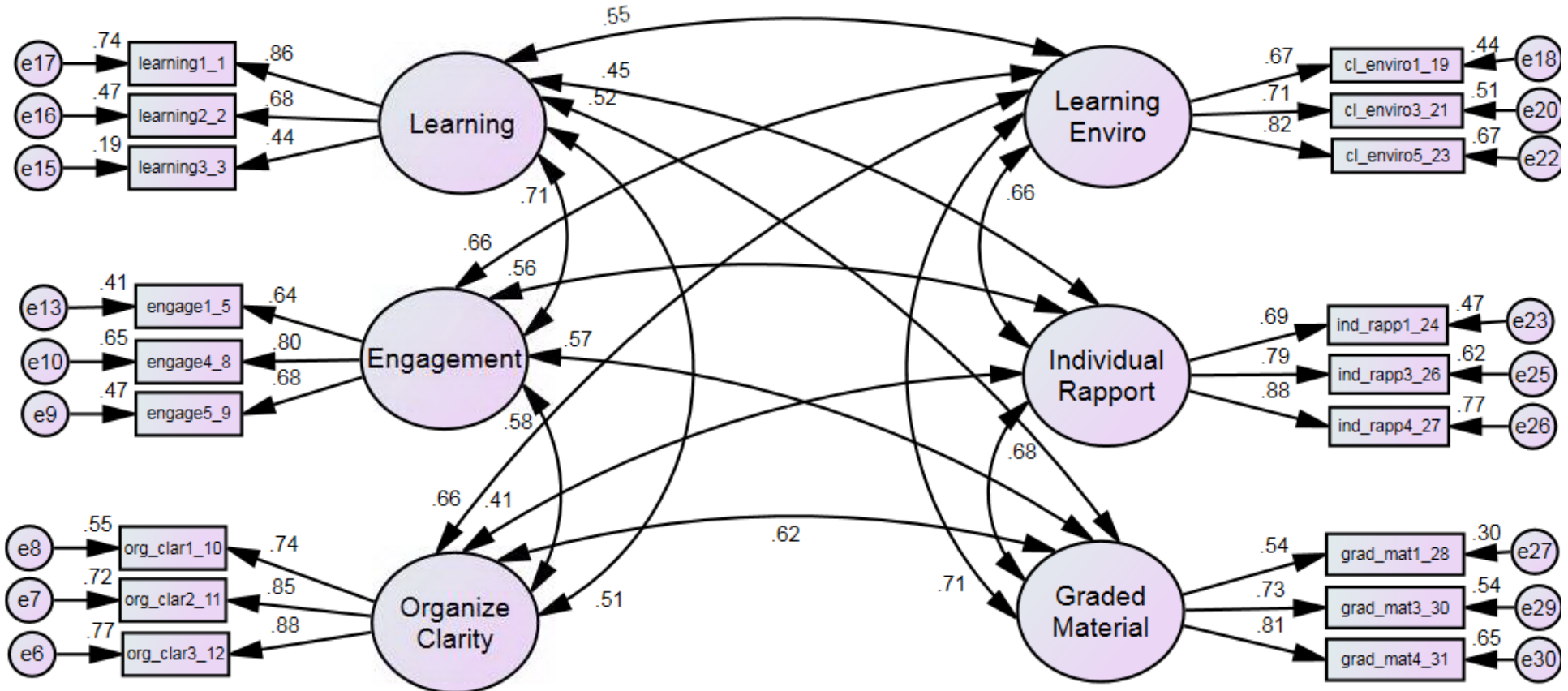
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Confirmatory Factor Analysis

SEEQ-R2 CFA
Chi-square = 294.776, df = 120, p = .000
RMSEA = .054, Low = .046, high = .061
CFI = .954

- Overall, a good fit of model to data (RMSEA < .06 great, narrow CI; CFI > .95 great)
- Each scale (circle) showed good internal validity (loadings averaged .47 to .73)
- Scales were suitable different from each other (average loading > intercorrelations)

6 SELFI Factors

- Learning
- Engagement
- Organization and Clarity
- Learning Environment
- Individual Rapport
- Graded Materials
- Overall

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Learning

① I have gained knowledge/skills that reflect the learning outcomes of this course.

② My interest in the subject has increased as a consequence of this course.

③ I have found the course intellectually challenging.

Cronbach α reliability = .68

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Engagement

① Instructor promoted active student participation.

② Instructor was engaged while teaching the course.

③ Instructor encouraged students to ask questions/share ideas.

Cronbach α reliability = .76

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Organization & Clarity

① Instructor's explanations of course content were clear.

② Course was well organized.

③ Course materials were well prepared.

Cronbach α reliability = .86

SELFI

Learning Environment

① Instructor fostered a class environment that was conducive to my learning.

② When provided, educational technology contributed to my learning.

③ Instructor used the resources of the classroom appropriately.

Cronbach α reliability = .77

SELFI

Individual Rapport

① Instructor treated students with respect.

② Instructor was adequately accessible to students outside of class.

③ Instructor helped with my individual learning needs when asked.

Cronbach α reliability = .83

SELFI

Graded Materials

① Methods of evaluating student work were fair.

② Graded materials matched course content emphasized by the instructor.

③ Instructor provided useful/meaningful feedback to assist learning.

Cronbach α reliability = .83

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Overall

① Overall, the course has been a worthwhile addition to my university experience.

② Overall, the instructor was effective in promoting my learning in this course.
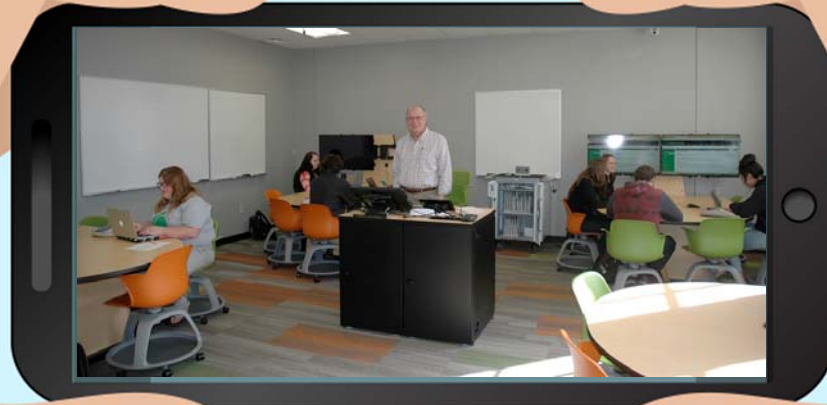
③ I would recommend this course to other students.

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Open Text Questions

① Describe some aspects of this course that promoted your learning.

② What specific, practical changes can you recommend that might promote the learning in this course?

③ If a student asked if you would recommend this course from this instructor, what would you recommend and why?

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MyFreePPT

Personalize the SELFI

Personalize the SELFI

- Add up to three individual questions in your course

- Add department or program questions (automatic)

- Add campus-specific questions: Essential Studies, Online (automatic)

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New SELFI Process

- Students have more time to provide thoughtful responses and meaningful feedback – in class and outside class – within Blackboard

- Instructors can track response rates and encourage students to respond
  (instructors may find ways to include incentives)

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Security, Automation

- Data Security – students sign in to secure site and can only complete one form per course

- Automation – evaluations can be populated and generated efficiently; communicates with campus software

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Reporting

- Saves paper – reports are emailed and/or accessed from a central website

- Produces executive summary – faculty receive full reports, including student comments, much more quickly (shortly after grades are posted)

- Manageable data – faculty will be able to produce a csv file with aggregate calculations. Over time, trend reports will also be available
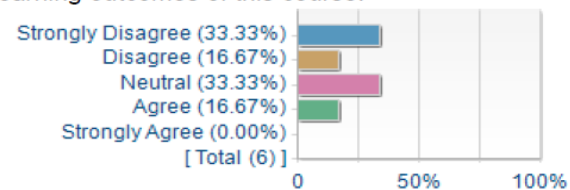
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Sample Instructor Report

Individual Report for 1234567-African-Carribean Cultures and Societies (Dr. Claudette JONES)
Summer 2016
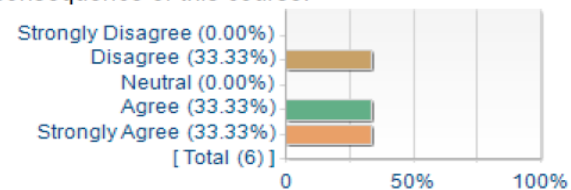Project Audience 7
Responses Received 6
Response Ratio 85.71%

Learning

Competency Statistics	Value
Mean	3.33
Standard Deviation	+/-1.33

1. I have gained knowledge/skills that reflect the learning outcomes of this course.

Strongly Disagree (33.33%)
Disagree (16.67%)
Neutral (33.33%)
Agree (16.67%)
Strongly Agree (0.00%)
[Total (6)]
0   50%   100%

2. My interest in the subject has increased as a consequence of this course.

Strongly Disagree (0.00%)
Disagree (33.33%)
Neutral (0.00%)
Agree (33.33%)
Strongly Agree (33.33%)
[Total (6)]
0   50%   100%

SELFI Promotions

- SELFI Week
- Video Promos
- Digital Signage
- Student Communications
- Faculty Communications

Distribution of SELFI

Dear Andrew,

Reports from recently completed SELFIs are now available.
Please click here to access your reports.

If you need technical assistance, please contact the Project Team at selfi@und.edu.
If you have other questions related to the new online evaluation system, please contact our office at und.institutionalresearch@und.edu or 701-777-4358.

Thank you. Office of Institutional Research

Sample Student View

Hello James,

As your course comes to an end, please make sure to submit your SELFI and evaluate your instructors and courses. Below is the list of available evaluations - just click on the link to evaluate your courses now.

Course	Instructor
MATH 101-001 MATHEMATICS	Fernando S.
BIOL 291-001: QUANTITATIVE BIOLOGY	Elizabeth G.
ARTH 391-001: ART HISTORY	Carlos T.

Evaluate your courses now

You can complete your SELFI evaluations on your laptop, tablet, and your mobile device. Each SELFI may take only 5-10 minutes. Confidentiality is central to our system. To read more about confidentially and other FAQs, check out the link below.

SELFI Access

- Blackboard
- Emails
- Website

Help

Contact UND Tech Support

Campus Hotspots

UND Campus Connection

My UND Blackboard Login

Change Text Size | High Contrast Setting

You are not logged in
Please enter your credentials and click the **Login** button below.

USERNAME:

PASSWORD:

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SELFI Results for Students

- Website with averages of selected questions for student use in future course registrations

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For more information…

- View the instrument and read the SETIC report (when finalized) available on the U Senate webpage
http://und.edu/university-senate/

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Initial Charge Implementation

- ✓ Adopt a new set of quantitative (Likert style) questions
- ✓ Allow instructors and departments to add a unique set of questions
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- ✓ Go paperless

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Comments? Questions?