

Institutional Assessment Plan 2020

Student Learning
Outcomes

OFFICE OF THE PROVOST

CURRICULUM & PROGRAMS

INSTITUTIONAL ASSESSMENT & EVALUATION

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DIRECTOR OF INSTITUTIONAL ASSESSMENT AND
EVALUATION

Mission

Plan, deploy and continuously evolve the assessment of student learning and evaluation ecosystem across Northeastern University



Goals



Continuous
Improvement



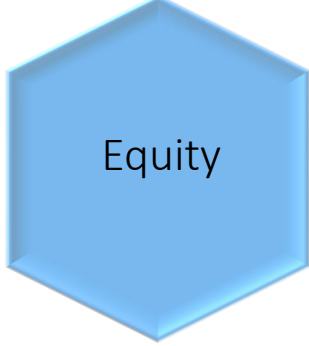
College,
Program &
Faculty
Needs



Accreditation




NU 2025
Academic
Plan



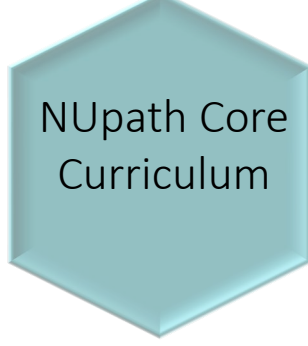
Equity



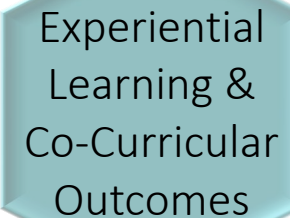
Scope



Program
Assessment

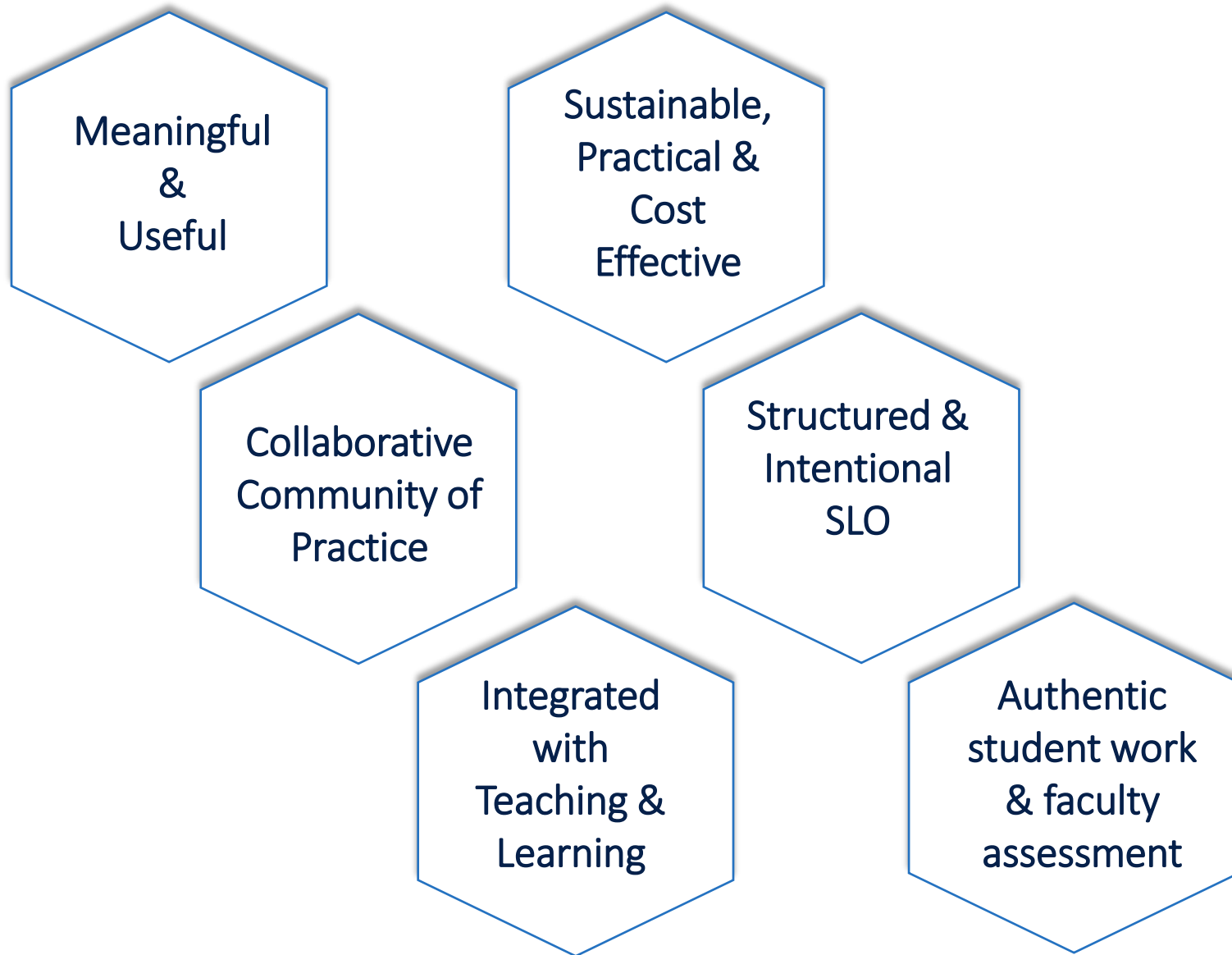


NUpath Core
Curriculum



Experiential
Learning &
Co-Curricular
Outcomes

Guiding Principles



Institutional Program Assessment Plan

Cohort	# Programs	Cumulative Percentage	AY 2020-21			AY 2021-22			AY 2022-23		
			Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring
AEFIS Platform & Program Assessment Pilot: Launch	21		Plan	Measure	Interpret & Act						
Refine and Scale				Plan	Measure	Interpret & Act	>>>>>				
Phase 1: Spring 2021		25%		Plan	Measure	Interpret & Act	>>>>>				
Phase 2: Summer 2021		50%			Plan	Measure	Interpret & Act	>>>>>			
Phase 3: Fall 2021		75%				Plan	Measure	Interpret & Act	>>>>>		
Phase 4: Spring 2022		97%					Plan	Measure	Interpret & Act	>>>>>	

AEFIS Pilot Participants and Programs

College	Undergraduate Program (s)	Program Lead	Graduate Program (s)	Program Lead
Bouve	BS Health Sciences	Rebecca Stouff	MS Physician Assistant	Carey Barry
	BS Pharmaceutical Sciences	Adam Wooley Michael Gonyeau	PharmD	Adam Wooley Michael Gonyeau
CAMD	BA Journalism	Carlene Hempel Adam Smith	MS Info Design & Data Viz.	Pedro Cruz Adam Smith
CSSH	BS Criminology & Criminal Justice	Kevin Drakulich	MS Public Policy & Urban Affairs	Gavin Shatkin
COE	BS Electrical Eng./BS Computer Eng.	Emad Aboelela	MS Chemical Eng.	Eno Ebong
COS	BS Linguistics	Adam Cooper	MS Env. Science & Policy	Ben Dittbrenner
CPS	BS Finance & Accounting	Monica Borgida	Masters Prof. Studies in Analytics	Alice Mello
			M.Ed. Higher Education Admin.	Joan Giblin
DMSB	BS Business Administration	Coleen Pantalone Jeff Born	Online MBA	Coleen Pantalone
Khoury	BS Computer Science	Nate Derbinsky	MS Computer Science	Amit Shesh
SOL			JD	Rachel Rosenbloom

AEFIS: Assessment, Evaluation, Feedback & Intervention System

Outcome Mapping

- Map and assess program outcomes through course assignments
- Map programs outcomes up to department, College, NUpath or accreditation outcomes

Canvas Gradebook Integration

- Import Canvas assignments, rubrics and student work
- Map Canvas grading scales to the assessment scales to simplify assessment

Outcomes & Evidence

- Gather student-level data on learning outcomes
 - Basis for a future Comprehensive Learner Record
- Track use of evidence and cycles of work: Builds institutional history

Learning Analytics

- Learning outcomes data can be analyzed by student characteristics
- Integrated with Banner & Canvas and data can be exported to a data warehouse

AEFIS: Assessment, Evaluation, Feedback & Intervention System

Curriculum & Outcomes Mapping

Optional Outcome Spaces

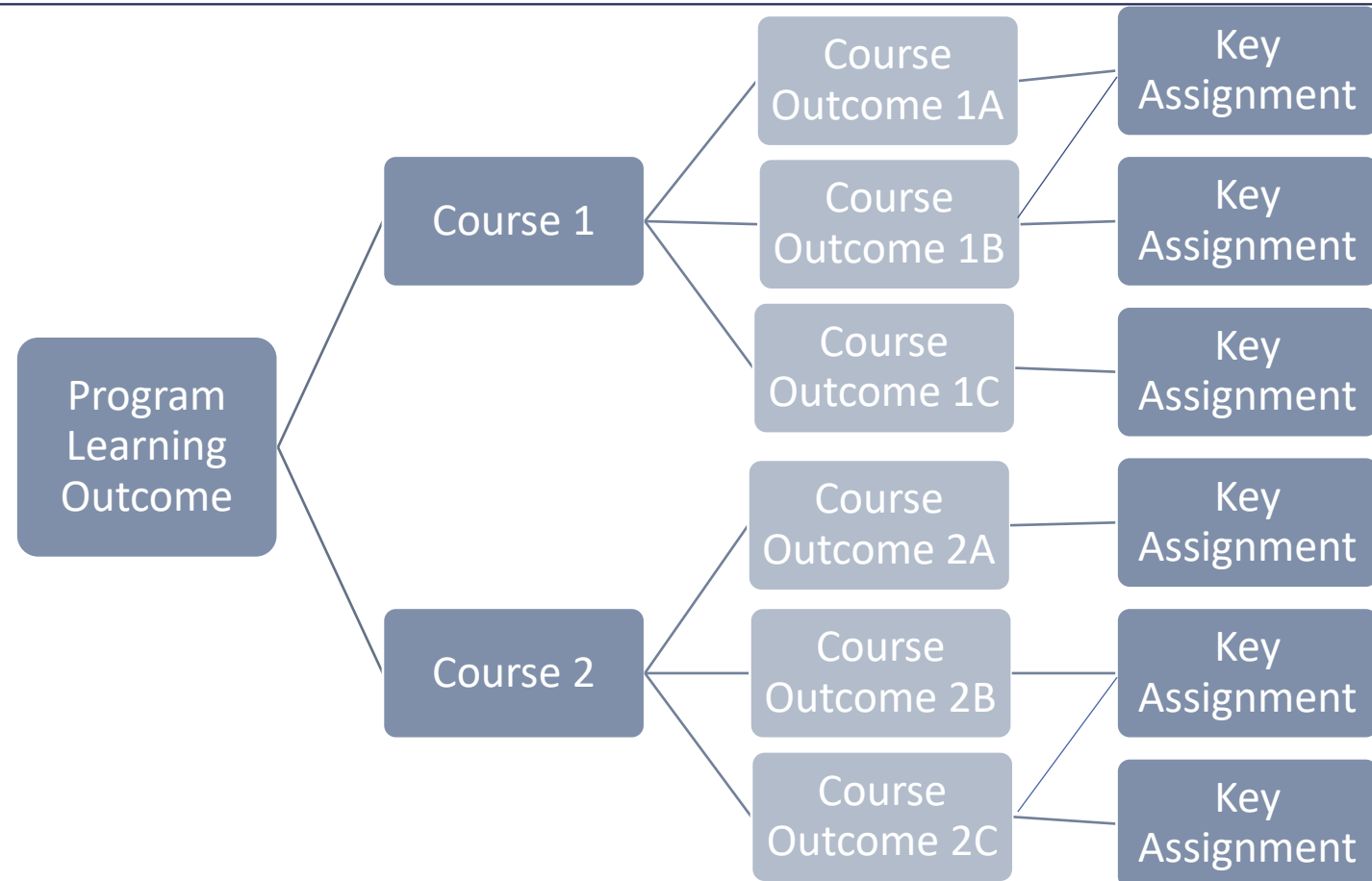
Accreditation Outcomes

Institutional Outcomes (NUpath)

College Outcomes

Department Outcomes

- For each Program, a set of Program Learning Outcomes is defined.
- Each Program Learning Outcome can be mapped:



NUpath Attributes Assessment Plan: 2.5 year Cycle

NUpath Categories	# Courses	AY 2020-21			AY 2021-22			AY 2022-23			AY 2024-25			AY 2025-26			AY 2025-26			AY 2025-26		
		Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring
DD = Engaging Difference and Diversity	178	Plan	Measure	Interpret & Act					Plan	Measure	Interpret & Act											
WI = Writing Intensive in the Major	308		Plan	Measure	Interpret & Act						Plan	Measure	Interpret & Act									
SI = Understanding Societies and Institutions	271				Plan	Measure	Interpret & Act					Plan	Measure	Interpret & Act								
IC = Interpreting Culture	244				Plan	Measure	Interpret & Act					Plan	Measure	Interpret & Act								
ND = Engaging with the Natural and Designed World	136					Plan	Measure	Interpret & Act						Plan	Measure	Interpret & Act						
EI = Exploring Creative Expression and Innovation	153					Plan	Measure	Interpret & Act						Plan	Measure	Interpret & Act						
ER = Employing Ethical Reasoning	98					Plan	Measure	Interpret & Act						Plan	Measure	Interpret & Act						
FQ = Conducting Formal and Quantitative Reasoning	51							Plan	Measure	Interpret & Act					Plan	Measure	Interpret & Act					
AD = Analyzing and Using Data	135							Plan	Measure	Interpret & Act					Plan	Measure	Interpret & Act					
WF = Writing in the First Year	2								Plan	Measure	Interpret & Act						Plan	Measure	Interpret & Act			
WD = Advanced Writing in the Disciplines	15								Plan	Measure	Interpret & Act						Plan	Measure	Interpret & Act			
EX = Integrating Knowledge and Skills Through Experience	120										Plan	Measure	Interpret & Act					Plan	Measure	Interpret & Act		
CE = Demonstrating Thought and Action in a Capstone	134										Plan	Measure	Interpret & Act						Plan	Measure	Interpret & Act	

NUPATH DIFFERENCE & DIVERSITY ASSESSMENT PLAN

- Faculty Survey on Teaching and Assessing DD Attribute
 - Initial Survey Results: FT Faculty
 - Relunched survey for PT Faculty
- Direct Assessment of Student Work
- Use of Results for Discussion & Improvement

FACULTY SURVEY ON TEACHING AND ASSESSING DD ATTRIBUTE RESPONSES

- Survey Recipients: Full Time Faculty teaching courses/sections that met the Differences & Diversity Attribute n=60
- Distribution by College:

	College					
	Total	CAMD	Bouve	CPS	COS	CSSH
Full Time Faculty w/ DD courses	60	22	5	1	3	29
Total Responses	26	13	1	1	1	10
Response Rate	43%	59%	20%	100%	33%	34%
Interest in diversity panel (yes or maybe)	15	7	1	0	1	6
Interest in direct assessment (yes or maybe)	13	6	1	0	1	5

TYPES OF DIVERSITY

SCALE OF 0-4

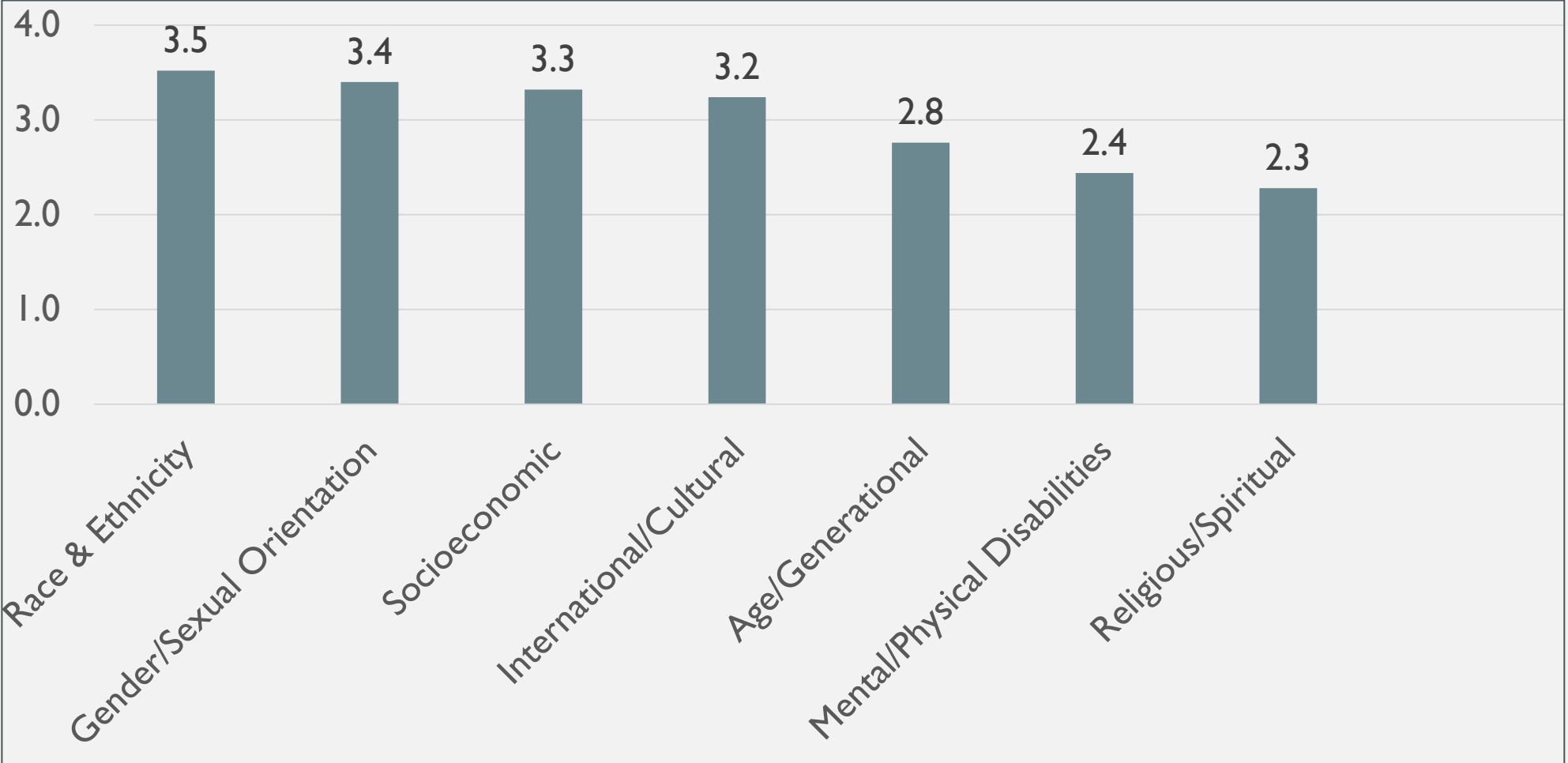
A great deal

Moderate amount

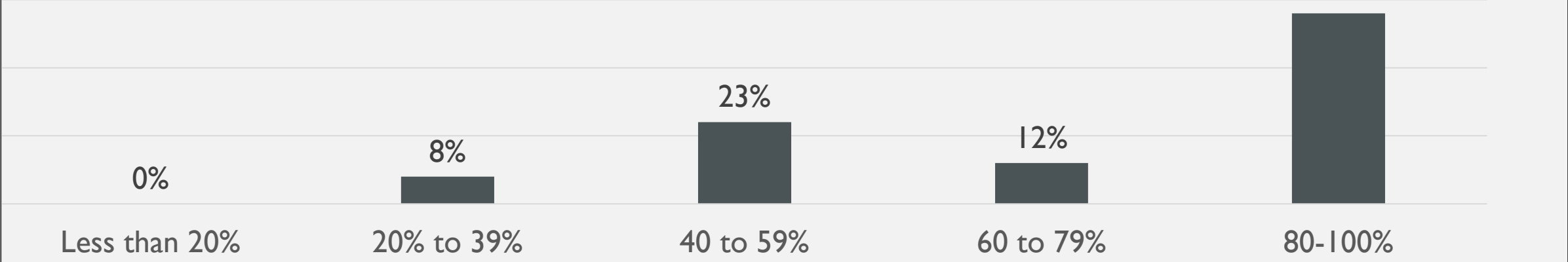
Somewhat

Slightly

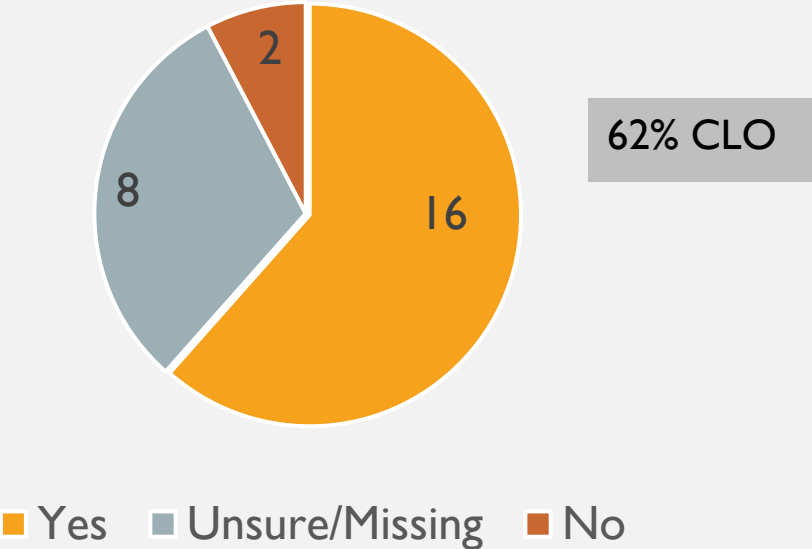
Not at all



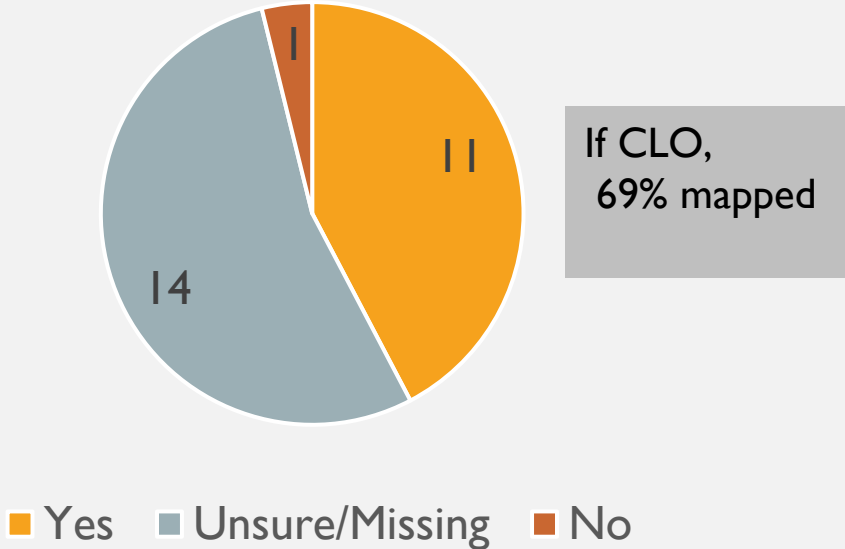
Percentage of Course Content Focused on DD Learning Goals



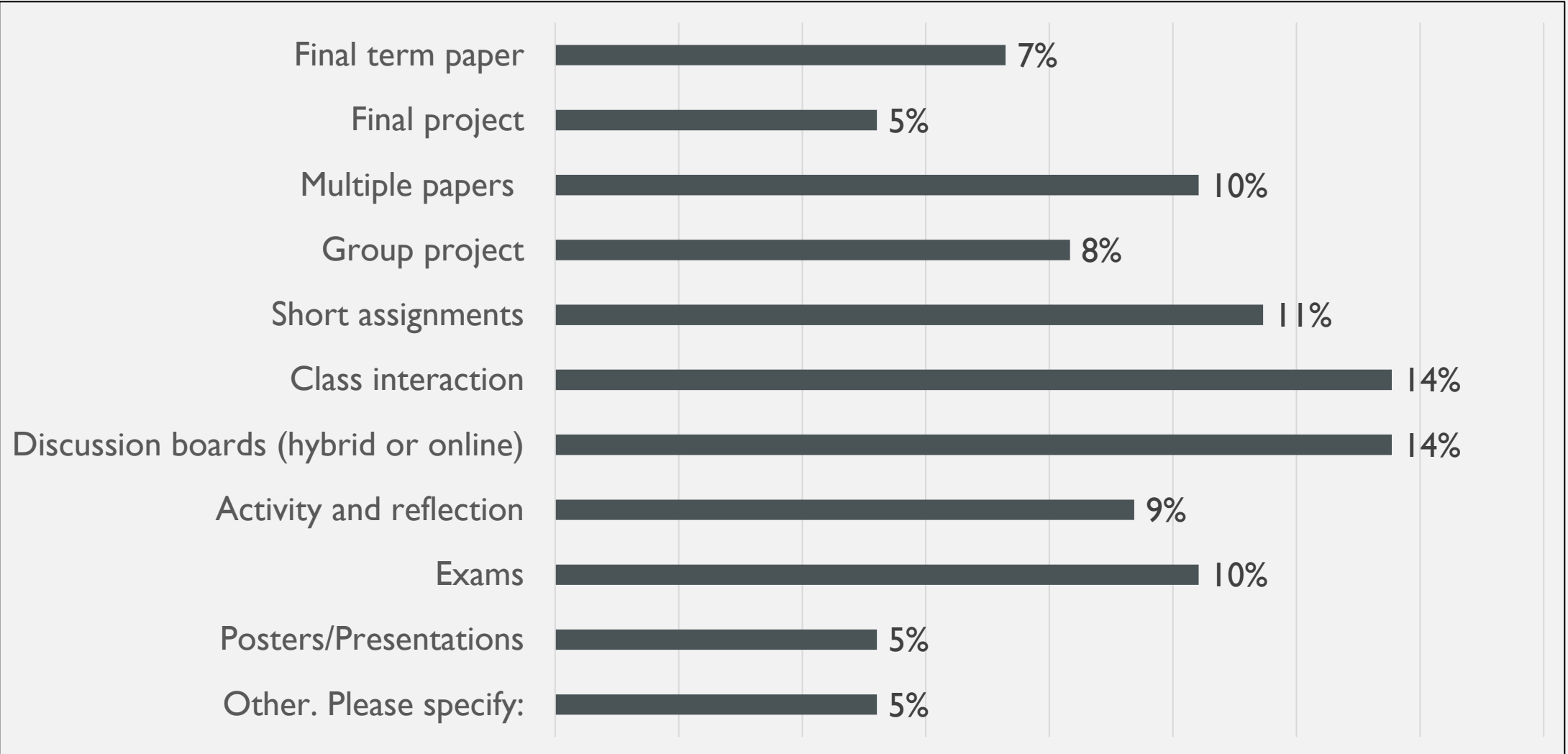
Course Student Learning Outcomes?



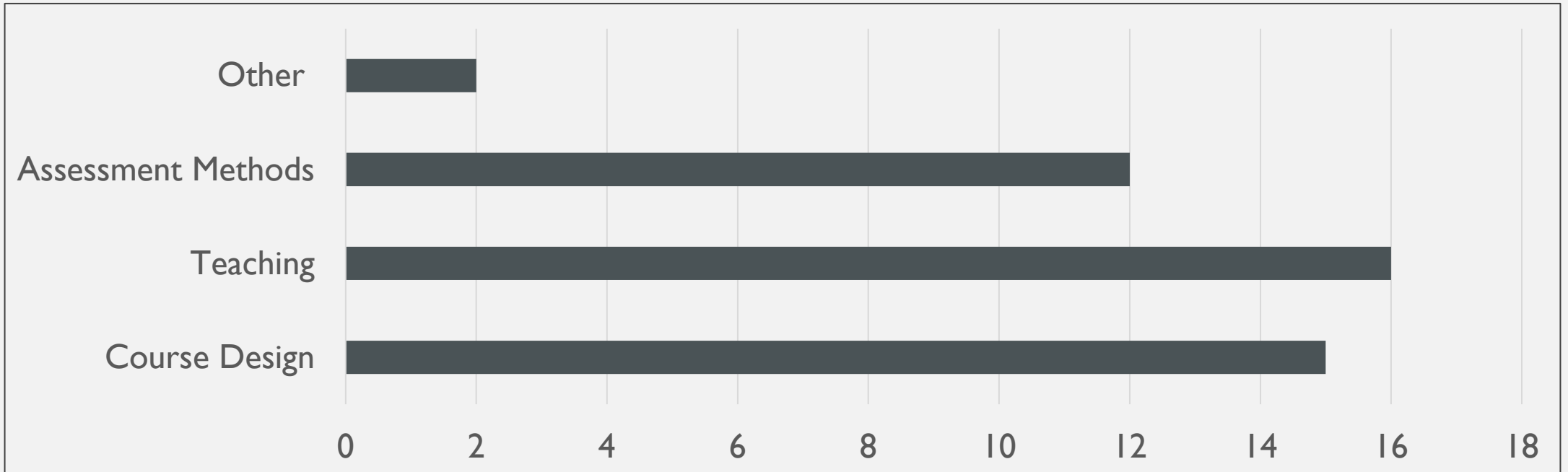
If Yes, Mapped to DD Learning Goals?



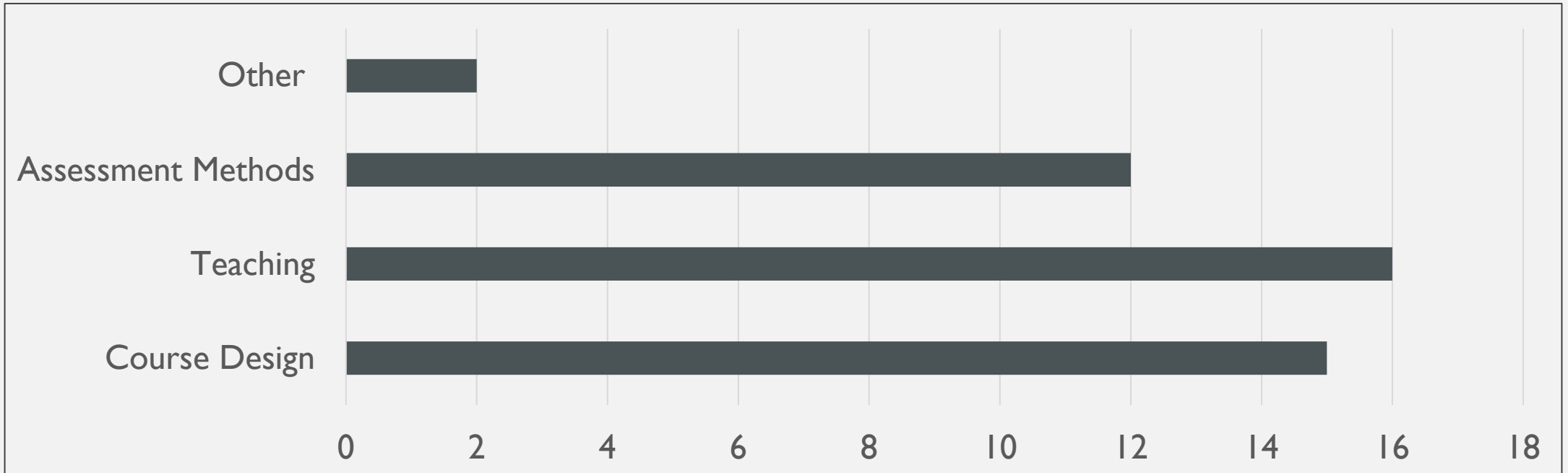
TYPES OF ASSIGNMENTS (N=96)



HAVE YOU USED ASSESSMENT RESULTS FOR IMPROVEMENT?

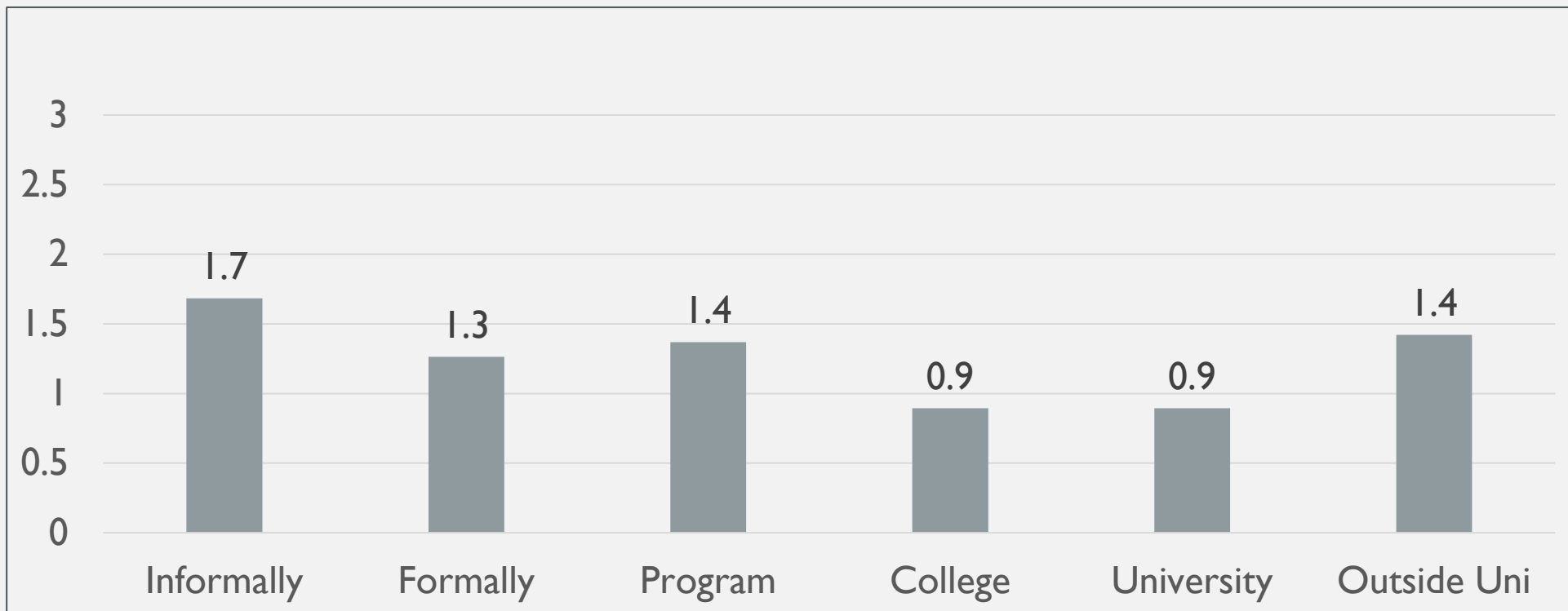


HAVE YOU USED ASSESSMENT RESULTS FOR IMPROVEMENT?

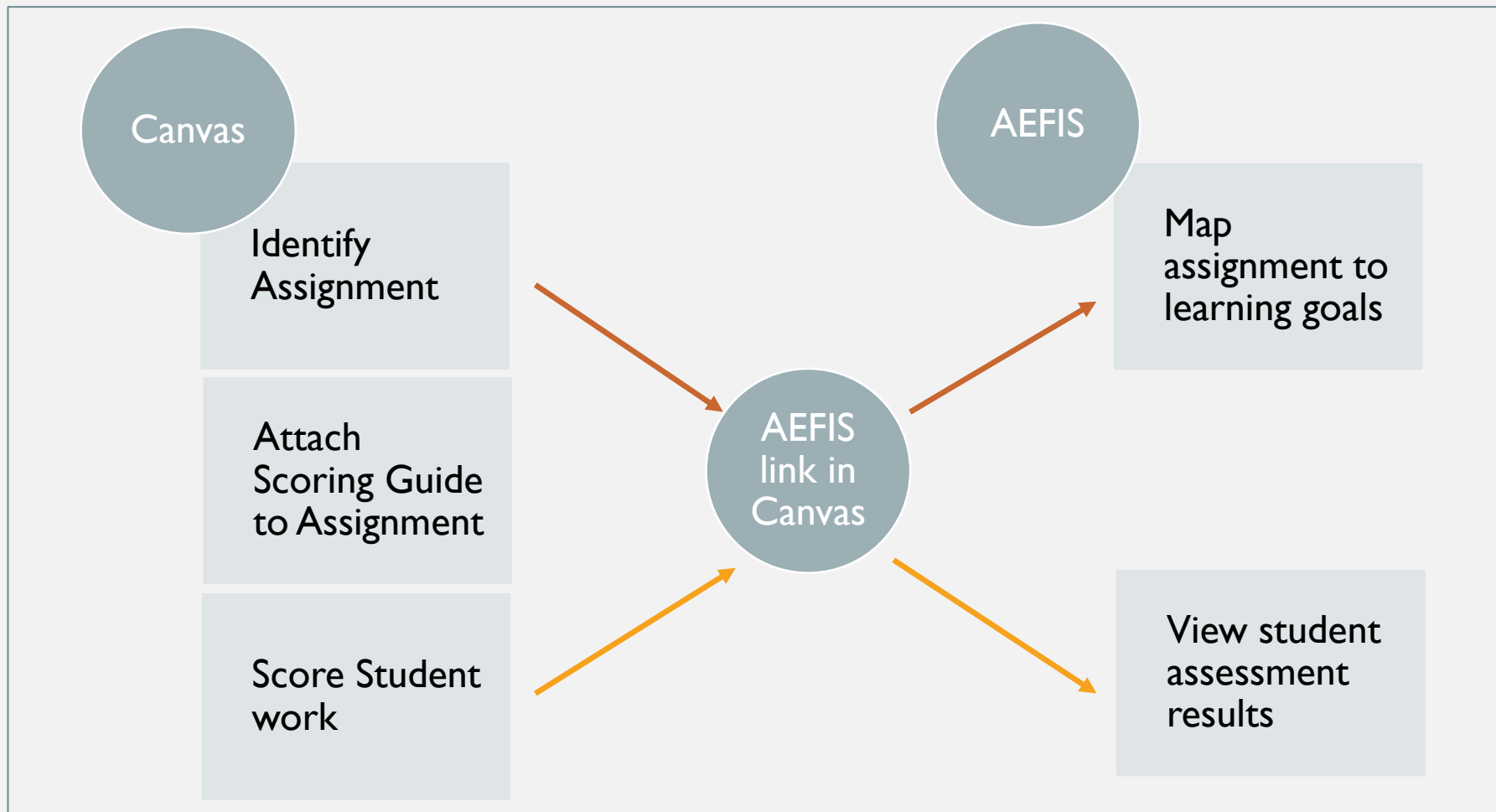


OPPORTUNITIES FOR FACULTY DISCUSSION SCALE OF 0-3

Frequently
Sometimes
Rarely
Never



DIRECT ASSESSMENT OF STUDENT WORK PILOT PROCESS



DD SCORING GUIDE

Learning Goals	Level of Understanding				
	Does not meet goal		Meets goal		
	1= Novice	2=Basic	3=Proficient	4=Exemplary	N/A
Describe how notions of human difference have changed over time	Surface understanding	Partial understanding	Adequate understanding	Sophisticated understanding	Cannot assess: Assignment does not align with learning goal
Describe how notions of human difference have changed across local and global contexts.					
Discuss the value in recognizing, respecting and embracing human diversity.	Unclear and fragmented discussion	Mostly unclear and fragmented discussion	Mostly clear and comprehensive discussion with some gaps	Consistently clear and comprehensive discussion	
Discuss how diversity contributes to culture and society					
Discuss how diversity contributes to civic sustainability	Minimal connection and relevance	Some partial connections and relevance	Adequate connections that are mostly relevant	Strong connections with clear relevance and insight	
Evaluate and compare two or more theories of human difference					
Evaluate and compare two or more approaches to cultivating and leveraging diversity.					
Connect theories of human difference and approaches to diversity to one's own experience.					

NUPath Writing Intensive Attribute

NUPath Writing Intensive Assessment

- Plan developed with English Dept and CATLR
- Fall 2020 workshops on the WI learning goals will help prepare for Spring 2021 direct assessment
- Emails to UG Associate Deans and Full Time Faculty Nov. 19-20 for registration

Workshop	Primary Facilitator	Date & Time
Workshop 1: Creating Writing Assignments	Neal Lerner Professor & Chair English Department	Thursday, December 3 1:30pm to 2:30pm
Workshop 2: Sources and Types of Writing	Isabel Sobral Campos Associate Teaching Professor of Writing Director of the Writing Center	Thursday, December 10 1:30pm to 2:30pm
Workshop 3: Responding to Writing	Mya Poe Associate Professor of English Director of the Writing Program	Friday, December 11 Noon to 1:00pm

How can we work together?

PROGRAM ASSESSMENT

- Thank you for your support of current AEFIS pilot
- Encourage faculty end users in Fall 2020 and Spring 2021 expansion
- In Fall 2020: Identify programs & faculty for Spring 2021 Cohort

NUPATH ASSESSMENT: ENCOURAGE FACULTY PARTICIPATION

- Differences and Diversity attribute: Winter 2021 Direct Assessment
- Writing Intensive attribute: Fall Workshops and Spring Direct Assessment

ASSESSMENT COMMUNITY OF PRACTICE: FORMAL & INFORMAL

- Input on Institutional Assessment
- Guidance for working within each College
- Collaboration on strategies for the use of student learning outcomes
- Other ideas?

REACH OUT!

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Sharepoint Site

<https://northeastern.sharepoint.com/sites/IAE>