



Using IMPROVE for Program Student Learning Outcomes



Assessment 101

“The important question is not how assessment is defined but whether assessment information is used.”

- Catherine Palomba and
Trudy Banta (1999)





Types of Learning Outcomes

Course / Activity Learning Objectives

- Specific goals set by instructor or coordinator

Liberal Studies Learning Goals

- Broad goals shared by multiple courses / programs

Program Learning Outcomes

- Professional skills and abilities unique to program



Types of Assessment

Students (or Faculty) Describe Learning

“Over 80% of students agreed that this activity taught them how to cite sources correctly.”



Students Demonstrate Learning Through Work

“Less than 48% of students were able to correctly cite a source in their paper after completing this activity.”



Nuventive IMPROVE*

**the relational database formerly known as TracDat*

Browser address bar: <https://iuptracdat.pashe.edu/tracdat/faces/assessment/home/dashboard>

Navigation: UNIT - TMWK - Student Learning Outcome Assessment

Welcome, kercone_admin

Assessment Unit Planning Summary

	Student Learning Outcomes	Indicators	Results	Notes	Follow-Up
✓	TMWK 1: Interpersonal Values and Ethics	0	0	0	0
✓	TMWK 2: Team Member Roles and Responsibilities	0	0	0	0
✓	TMWK 3: Collaborative Communication	0	0	0	0
✓	TMWK 4: Team Problem Solving	1	0	0	0
✓	TMWK 5: Self and Team Assessment	0	0	0	0

Course Planning Summary - Owned

	Courses	Course Outcomes	Indicators	Results	Notes	Follow-Up
▶ ✓	COMM 261 - Teamwork and Communication Skills for College and Career	7	13	0	0	0
▶ ✓	LDSP 361 - Introduction to Leadership	6	6	0	0	0
▶ ✓	SOC 161 - Foundations of Sociology: Social Relations in Groups and Organizations	4	7	0	0	0
▶ ✓	THTR 161 - Introduction to Theater: Interpersonal Practices	3	4	3	1	0
✓	TMWK 461 - Teamwork and Communication in Research	0	0	0	0	0
✓	TMWK Elective - (varies)	0	0	0	0	0
✓	TMWK T-Course - (varies)	0	0	0	0	0



Main IMPROVE Uses at IUP

Strategic Planning

- 2015-2020 Strategic Goals
- Results Entered by Office of Institutional Research, Planning and Assessment staff

Program Assessment

- Academic Program Set Their Learning Outcomes
- Program Goals Entered by Provost's Office staff
- Program Results Entered by Email from IMPROVE

Liberal Studies

- Liberal Studies Set 19 EUSLO Goals
- Course Learning Outcomes Mapped to EUSLO Goals
- Course Results Entered by Email from IMPROVE

Student Affairs

- Student Affairs Set 12 Divisional Learning Objectives
- Student Affairs Also Helps Meet 19 EUSLO Goals



Assessment Deliverables

1 – IMPROVE Reports for PASSHE Program Review

PROG - GEOS - Geology/Energy Resources Track, BS

Student Learning Outcome: A.1. Foundational Content Knowledge

Students in all Geoscience B.S. tracks will master the theory, and an understanding of global environmental

Action Status: Active

Assessment Year: 2017-2018, 2018-2019, 2019-2020

Indicators

Direct Assessment - A Geoscience Concept Inventory institutionally-generated critical thinking questions beginning of the freshmen-year experience (start of experience (end of Surficial Processes, GEOS 203) and Seminar GEOS 480). (Active)

Expected Outcome: Learning outcomes will improve more during the freshman-year experience. By the answer 75% of the questions on the concept inventory

Source of Data: Geoscience Concept Inventory Assessment

Related Goals

Academic Program Assessment

Program Knowledge - A. Program graduates will know

Academic Program Assessment

IMPROVE Report (Feb 2018)

PROG - ANTH - Anthropology/Applied Anthropology Track, BA

Student Learning Outcome: 1. Cultural Analysis

Analyze the cultural and biological factors, across both space and time, that shape human experience and behavior, and interpret the diversity of cultural responses to these factors.

Action Status: Active

Assessment Year: 2017-2018, 2018-2019, 2019-2020, 2020-2021, 2021-2022

Related Goals

Academic Program Assessment

Program Knowledge - A. Program graduates will know and understand the core concepts of their field.



Assessment Deliverables

2 – IUP Web Graphics to Assist with Recruitment

What will you learn in your **General Anthropology** program at IUP?

CULTURAL ANALYSIS



Learning Outcome 1

Analyze the cultural and biological factors, across both space and time, that shape human experience and behavior, and interpret the diversity of cultural responses to these factors.

COMPARATIVE INQUIRY



Learning Outcome 2

Apply the uniquely holistic and comparative nature of anthropological inquiry across the four subfields of Cultural Anthropology, Linguistic Anthropology, Biological Anthropology, and Archaeology.

METHODS AND TOOLS



Learning Outcome 3

Describe major research methods and theories used to study human cultures from an anthropological perspective, and apply these as tools to investigate and propose solutions to contemporary social issues.

DISCIPLINARY SKILLS

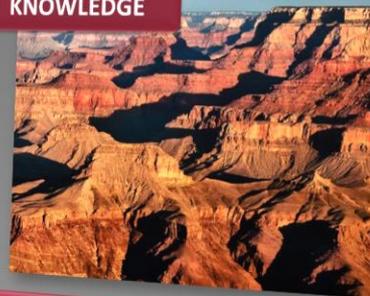
Learning Outcome 4

Demonstrate fundamental disciplinary skills in fieldwork and data analysis, as well as problem solving.

B.A. IN GENERAL ANTHROPOLOGY

What Will You Learn in Your **Geology** Program at IUP?

CONTENT KNOWLEDGE



Learning Outcome 1

Students in all Geoscience tracks will master foundational content knowledge in: 1) plate tectonic theory; 2) evolution; and 3) environmental change through time.

DISCIPLINARY SKILLS



Learning Outcome 2

Students in the Geology track will be able to identify 1) major rock-forming minerals; 2) common crustal rocks; and 3) deformational structures that reveal past plate tectonic interactions.

Learning Outcome 3

Students in the Geology track will be able to collect and

SAMSUNG



IMPROVE Best Practices

Focus on 3 - 5 program outcomes (combine skills!)

Choose 1 -2 direct assessments for each outcome.

Think about where you can best capture students.

Don't try to measure everything you do.

Organize program outcomes with a numbered list.



The Goal of Assessment

“Much of the value of assessment comes from the systematic way it makes educators question, discuss, share and observe.”

- Catherine Palomba and Trudy Banta (1999)



*If you feel like
this, then
you're doing it
right!*