



Transforming to an Evidence-based Learning Organization with Data- informed Decision Making

Oakland University
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Sept Oct Nov Dec Jan Feb Mar Apr May

Preparation

- Recruiting
- Syllabus
- AIR materials selection
- ADA formatting
- Instructional design
- Materials distribution
- Platform

Program implementation

- Hybrid and mixed delivery
- Biweekly meetings (~2 hrs)
- In person and synch virtual
 - Some asynch materials
- Institutional Research staff as instructors

Participants

- 17 faculty and staff
- Various functional areas
- Various data skills
- 3 research groups

Research Projects

1. Writing foundations to writing intensive: Pathways to student success
1. Exploring student performance in online courses
1. A survey of student engagement measures and data collection practices

DLI Second Cohort Schedule

Dates	Meeting Format	Topics Covered	Material to review	Project Benchmarks
Week 1 (1/16-1/20)	In Person 1/20/23 1:30-3p	Overview of Data Literacy Institute <ul style="list-style-type: none"> What is Research? The Research Plan Intro to Capstone Project 	<ul style="list-style-type: none"> From Research Project to Research Questions (14m) Research time frame (9m) 	
Week 2 (1/23-1/27)	Asynchronous	Types and Sources of Data	<ul style="list-style-type: none"> Quantitative and Qualitative Data (15m) Categories of Data (17m) Sources of internal/external (13m) Levels of Measurement (11m) 	Meet with project team: Brainstorm topics and potential data sources
Week 3 (1/30-2/3)	Zoom 2/3/23 1:30-3p	Qualitative Data Collection <ul style="list-style-type: none"> Surveys 	<ul style="list-style-type: none"> Higher Education Student Success Terminology (22m) 	
Week 4 (2/6-2/10)	Asynchronous	Measurement	<ul style="list-style-type: none"> Measures of Central Tendency (10m) Measures of Dispersion (15m) 	Meet with project team: Progress toward finalizing topics and data sources
Week 5 (2/13-2/17)	Zoom 2/17/23 1:30-3p	Statistical Inference <ul style="list-style-type: none"> Statistical Significance and Effect Size Comparing Group Means Correlation and Causation Predictive Analytics 	<ul style="list-style-type: none"> Equity Gaps in Education (22m) Key Performance Indicators (21m) 	

Plan early and thoroughly

Run organized meetings

Keep participants engaged

Form research groups early

Share the work among the staff