Program (Re)Design Model for a Learner-Centered Curriculum
Texas A&M University Center for Teaching Excellence

Innovation: A Journey Paved with Patience, Persistence, Collaboration, and Continuous Improvement

2007, 2009 Department of Ecosystem Science and Management
Impact: 245 enrollment

2010 Department of Soil and Crop Sciences
Impact: 120 enrollment

2011 Master of Land & Property Development
Impact: 119 enrollment

2013 Department of Teaching, Learning, and Culture
Impact: 1297 enrollment

2013 Zachary Department of Civil Engineering
Impact: 766 enrollment

2013 Concentration in Special Education
Impact: 60 enrollment

2014 Department of Geology & Geophysics
Impact: 3324 enrollment

2015 Department of Animal Science
Impact: 1295 enrollment

2015 Architectural Engineering
Impact: new interdisciplinary program across 2 colleges and 6 departments

2016 Department of Wildlife & Fisheries Sciences
Impact: 387 enrollment

2017 Department of Psychological and Brain Sciences
Impact: 1369 enrollment

Instruments, Tools, & Resources: Expanding the Reach, Sustainability, and Flexibility for all Disciplines

Refining through Peer Review of Teaching

Readiness for Change Questionnaire

Assessment
need plus means only improvement is gradual. 5 others: by when, 1.5 others: by when, and 1.0 others: by when.

Program (Re)Design for a Learner-Centered Curriculum

1. Form & Orient Team
2. Gather Data
3. Create Program Learning Outcomes
4. Create Competency Rubrics
5. Create Curriculum Map
6. Create Curriculum Materials
7. Implement & Assess
8. Refine

Program Learning Outcomes Table

CTE.TAMU.EDU

Employee, Faculty, & Student Survey

Impact: new interdisciplinary program across 2 colleges and 6 departments

A Process for Comprehensive Individual & Organizational Change

A collaborative process aimed at systematic redesign that fosters critical dialogue and collegiality among its stakeholders resulting in a shared commitment to student learning and organizational change.

Educational Developers
Providing support and guidance while continuing to learn as educators, scholars, and lifelong learners.

Faculty
Integrating evidence-based practices to impact their teaching and mentoring as they embrace an educator identity.

Students
Taking control of their learning and preparing for informed citizenship in a complex global society.

Employers
Employing graduates who are adaptable critical thinkers prepared to meet the global and societal issues of the future.

Reaching Beyond Texas A&M University

“Texas A&M’s curriculum redesign model has been a catalyst for undergraduate education initiatives in the College of Natural Sciences at the University of Texas at Austin. The clarity of their step-by-step process made the otherwise daunting task of analyzing and improving curriculum across one of the largest science colleges in the country seem feasible.

The initial success of our recent curriculum improvement efforts is in no small part due to the comprehensive design of Texas A&M’s curriculum model, including data driven decision-making that involves multiple stakeholders.

Innovated and guided by the Texas A&M model, we feel confident our curriculum design efforts will improve the academic experience for STEM college student across the state of Texas.”

– Dr. Melissa Taylor, Assistant Dean for Strategy and Planning, College of Natural Sciences, University of Texas at Austin

Accessible poster linked to QR Code for your convenience.