




Strategic Scheduling to Stay Within Budget

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Presentation Outline

- Overview
 - Background of how things got started
 - What tools we built
 - How we use these tools
- Two tools
 - Enrollment strategies at the Division level  1) How they work
 - Budget and scheduling 2) Examples of impact and change
- Where we go from here



Learning Outcomes

1. Develop budget goals at various levels of granularity across the institution.
2. Develop an effective framework for collaborative decision making regarding budget and scheduling.
3. Analyze data to inform decisions regarding class cancellations, additions, and other adjustments.
4. Build long-term strategic plans for scheduling and budgeting at college and district levels.



How did this all get started?

- Declining enrollment
- No structure for strategic **budgeting** ↔ **enrollment management**
 - How to balance the three: ftef, budget, and (classroom) efficiency all together
- New people in new roles
- New state policies: Shift from enrollment based funding to enrollment and performance based funding.
- Goal: Help end users discover their own answers
 - Educate those engaged in the decisions how to understand and interpret the data
 - Change the culture of siloed thinking to one of shared responsibility for the performance outcomes
 - Increase ability to be strategic and provide data to inform and support strategic planning

$$\text{Classroom Efficiency} = \frac{\text{Student Effort}}{\text{Instructional Effort}}$$



What tools did we build?

- To understand and be strategic with overall enrollment
 - Dynamic Enrollment Analysts Navigating Solutions
 - i. AKA...The DEANS tool
- To understand and be strategic with scheduling and budgeting
 - Planning and Tracking Enrollment and Revenues in Scheduling
 - i. AKA...PTERS Calculator
 - ii. PTERS Web App

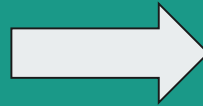
The DEANS tool: How do we use it?



- The DEANS Tool
 - Understand the relationship and balance between enrollment, instructional load, and efficiency
 - Estimate institutional changes across a full academic year
 - Plan a full academic year from an efficiency perspective

The DEANS Tool

$$\text{Classroom Efficiency} = \frac{\text{Student Effort}}{\text{Instructional Effort}}$$



$$\text{PROductivity} = \frac{\text{(Full-Time Equivalent Students) FTES}}{\text{Load (Instructional Load)}}$$

PTERS Calculator: How do we use it?



- PTERS Calculator
 - Develop and establish instructional budget goals at the college and division levels for the year and each term.
 - Understand the budget and potential revenue impact of scheduling changes
 - Reach budget and enrollment goals (e.g. FTES and PROD)



PTERS Calculator



PTERS Online



Where do we go from here?

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