



*HESI*

“Our focus is learning.  
Student success is our goal.”

# What is HESI?

Ad Astra- Higher Education Scheduling Index

MCC's Scheduling Software

Indexes (Compares) to over 800 institutions

How does your institution measure up in these key metrics?



SEAT FILL UTILIZATION: 54%

Goal: 75%

"Like" institutions: 61%

All institutions: 61%



ENROLLMENT RATIO: 77%

Goal: 85%

"Like" institutions: 61%

All institutions: 61%

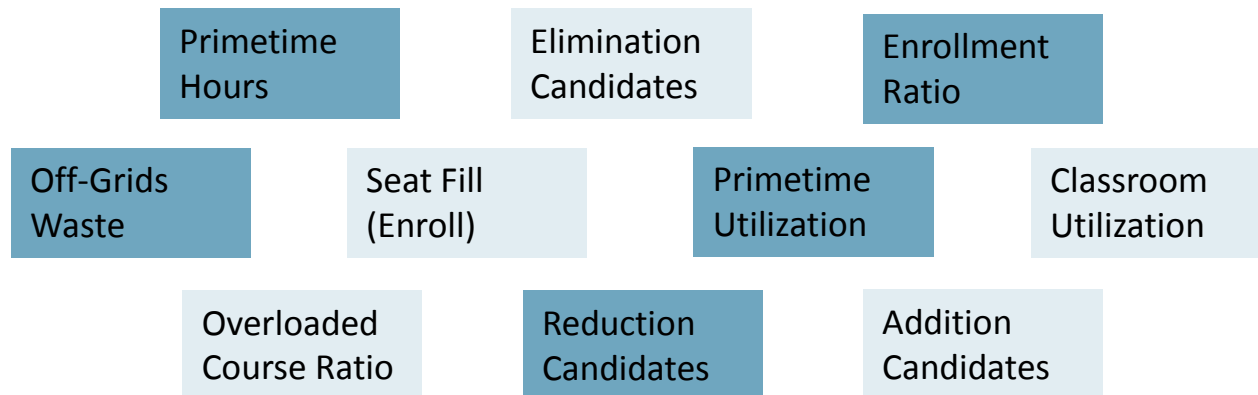
# What does HESI do?

1. Evaluates all scheduling data (classes, enrollments, student plans, etc.)
2. Makes Observations
  - Course Offerings
  - Space Management

# Course Offerings Observations

## Analyzes Enrollment

- Based off student demand
- What do we do well?
  - High enrollment courses- capacity to offer more
  - Underutilized courses- needs to be examined



# Space Management Observations

## Analyzes Classroom Data

- Utilization analysis
  - Primetime (as defined by MCC)
  - Analyzes all classes by time (compares to like times)
- Identifies classes that don't "fit"
  - MCC has patterns
  - Identifies all classes that don't meet pattern

ENG-151-006  
(COMPOSITION I)

Term:  
Fall 2017

Faculty:  
L. Crizer

Meeting Info:  
M W 10:00 AM - 11:20 AM

ENG-151-008  
(COMPOSITION I)

Term:  
Fall 2017

Faculty:  
G. Decio

Meeting Info:  
M W 11:30 AM - 12:50 PM

# Why do we need HESI?

- Data Analytics
  - Deeper dive than current analysis
  - Wider as it standardizes and compares across the college
- Benchmarks with similar schools
- Efficiency

Resource Efficiency	University of Iowa Findings	Potential Goal	HESI Like Mean	Percentile
Enrollment Ratio	77%	80 - 85%	79%	40%
Classroom Utilization	40%	50 - 55%	51%	10%
Seat Fill (Enroll)	56%	65 - 70%	64%	10%

# Potential Benefits

## Example

Course scheduling improved completion progress and reversed financial impact of an enrollment downturn.

- 2-year college
- 3,500 headcount enrollment
- 28% decrease in enrollment since 2010

The president of this rural community college recognized this possibility, adopted a proactive approach, and partnered with Ad Astra to revise their “roll-forward” scheduling practice. High-impact changes were recommended and acted on for the Fall 2015 schedule, producing significant results:

- The college saw an 18% increase in the average student credit hour load, resulting in an increased tuition revenue yield of \$167,414 in one fall term
- The college right-sized the course sections (from 511 to 442) to respond to downward trend in FTE enrollment, resulting in an estimated savings of \$113,850 in one term

# Summary

- Data Analytics
- Benchmarks against other colleges
- Contextualizes existing MCC data
- Findings in Course and Space Management with Recommendations
- Results in increased student load, decreased low-performing sections
- Average college realizes savings of \$125,000 in first year of implementation



# Questions