

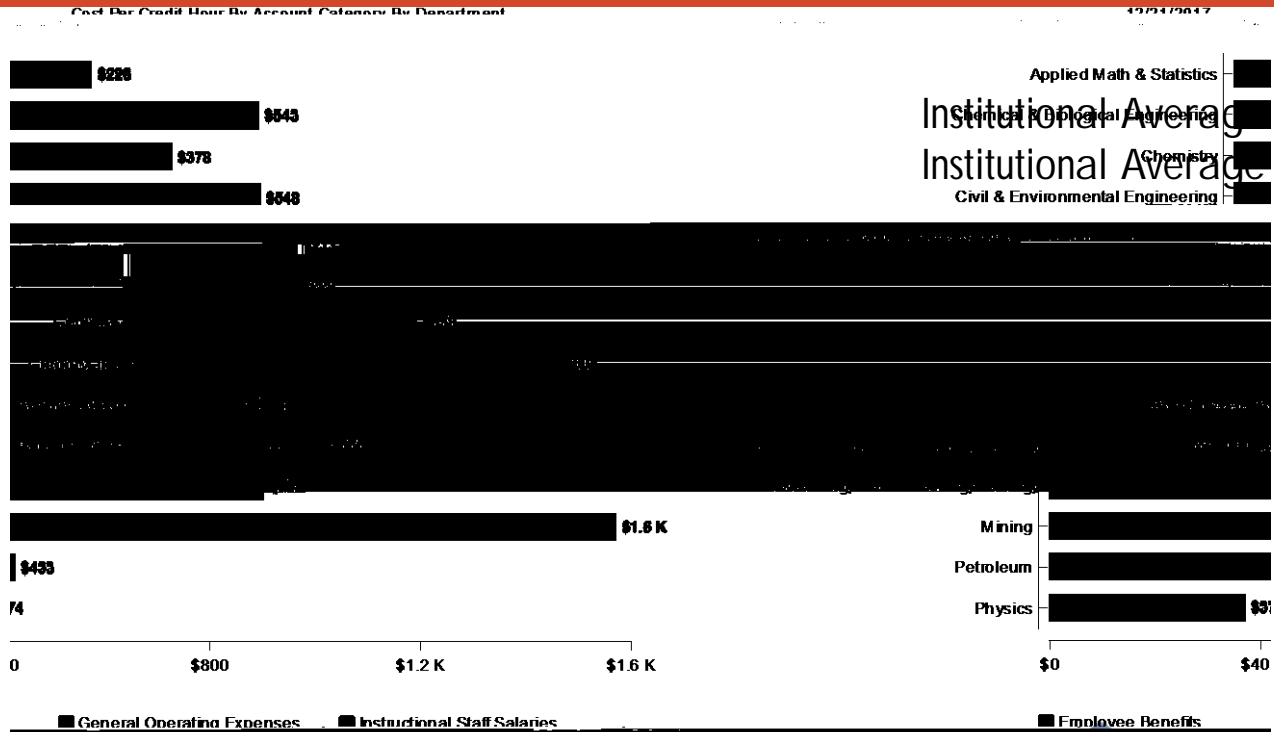
# University Design Initiative

Tom Boyd  
Interim Provost





# Context: Recognizing Departmental Differences



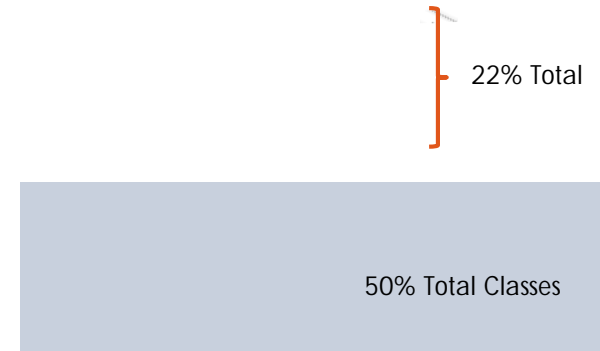
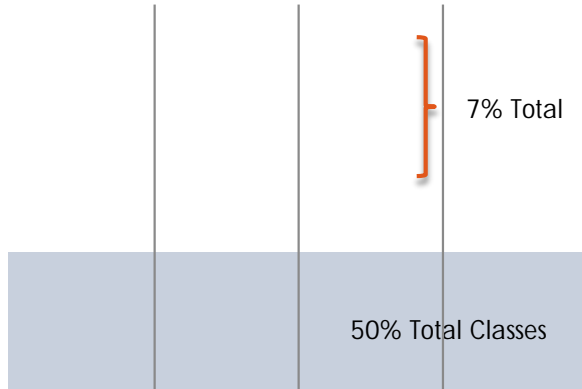
Institutional Average Cost / SCH: \$398  
 Institutional Average Tuition / SCH: \$750

Example: C





# Context: Ensuring Uniform, High-Quality Student Experience



Example: Class Sizes

# Context: Aligning Faculty Expectations

Student Credit Hours and Research Expenditures (FY16, Tenured Faculty)



Example: Teaching and Sponsored Research

# University Design Initiative: Process Overview

# Design Aspirations: Staffing, Research, Advisees, and Finances

## Departmental Design aspirations

Course	Total Course Credits	Design Aspirations										
		Student Head Count			Faculty Head Count			Research		Thesis Advisees		
		BS	MS	PhD	TTT	Teaching	DoD	DoR	DoR/TTT	DoR	DoR/TTT	
Appl & Math EEs		130	80		16	12		\$1,300,000	\$800,000	15	15	
EE & ECE Undergrad Design	14,916	350	25		10	0		\$775,000	\$400,000	22	22	
EE	13,411	100	15		20	5		\$800,000	\$400,000	93	4.7	
Electrical Engineering	12,000	550	150		25.5	8		\$1,000,000	\$300,000	75	2.5	
Electrical	14,916				120	32		10	\$200,000	4R	2.9	
Engineering	8,913	350	130	25	13	5		\$2,600,000	\$1,500,000	en	4.5	
Engineering, Design, Society	8,313				200	40	0	8	10	8	\$800,000	\$1,000,000





# Pathways of Distinction: Overarching Questions

How will offerings (scholarship, research, and curricular) supported by the Department be differentiated from similarly named offerings elsewhere?

How will these offerings connect to other programs at Mines?

What will the Department do to contribute to the institutional objective of increase undergraduate student success?

How will the Department grow its graduate population?

Could defining a broadly interdepartmental, campus-level institute