

Space Usage Efficiency (SUE)

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Texas Higher Education
Coordinating Board



Agenda

- Purpose
- Factor Overview
- Process
- Examples
- Supplemental use
- Institutional impacts

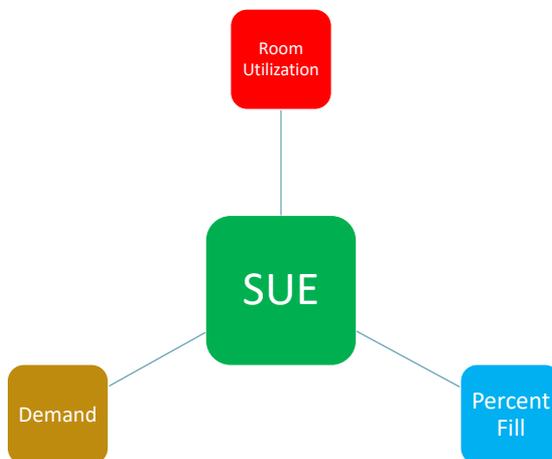


Why are we doing this?

- Texas Education Code 61.0572(b):
 - (b) The board shall:
 - (1) determine formulas for space utilization in all educational and general buildings and facilities at institutions of higher education;
 - (2) devise and promulgate methods to assure maximum daily and year-round use of educational and general buildings and facilities, including but not limited to maximum scheduling of day and night classes and maximum summer school enrollment
- Project review standards

Institution Project Name	Project Cost	Standard Met Yes/No			
		Space Usage	Space Need	Cost	Building Efficiency
The University of Texas System <i>Construct UT System Building</i>	\$142,100,000	NA	NA ¹	No ²	No
The University of Houston-Downtown (TRB) <i>Construct Science and Technology Building</i>	\$75,500,000	Yes	Yes	Yes	No
The University of Houston-Clear Lake (TRB) <i>Construct Stem and Classroom Building</i>	\$65,700,000	Yes	Yes	Yes	Yes

Factor Overview



Raw Data are Scaled for ease of use

- Data are indexed to a 100 point scale for each type of room
- Standard
 - 75 per category
 - 150 overall

Classroom					Class Laboratory						
Demand		Utilization		Percent of Fill		Demand		Utilization		Percent of Fill	
≥45	36	≥38	32	≥65	32	≥35	36	≥25	32	≥75	32
≥38	27	≥34	24	≥55	24	≥30	27	≥20	24	≥65	24
≥31	18	≥30	16	≥45	16	≥25	18	≥15	16	≥55	16
<31	9	<30	8	<45	8	<25	9	<15	8	<55	8



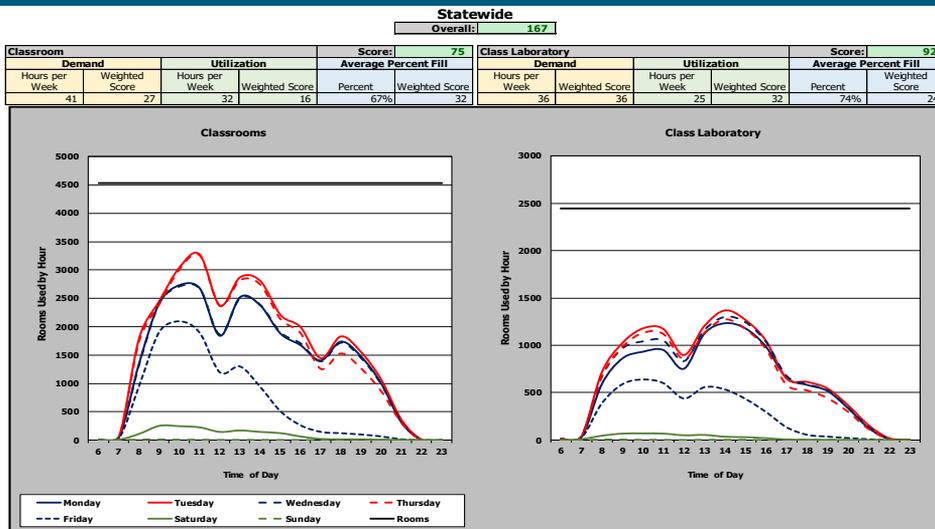
Statewide Classroom Usage Trend



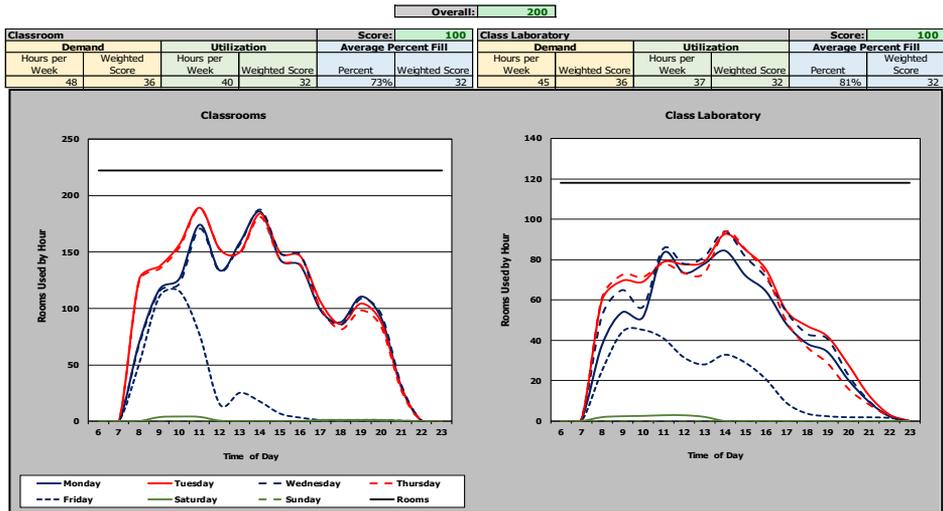
Statewide Class Laboratory Usage Trend



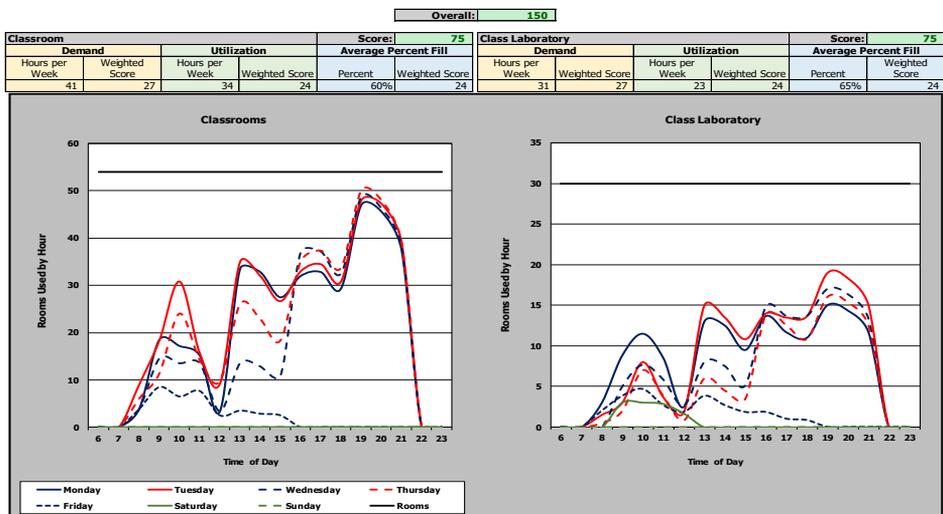
Scheduling Patterns and Opportunities



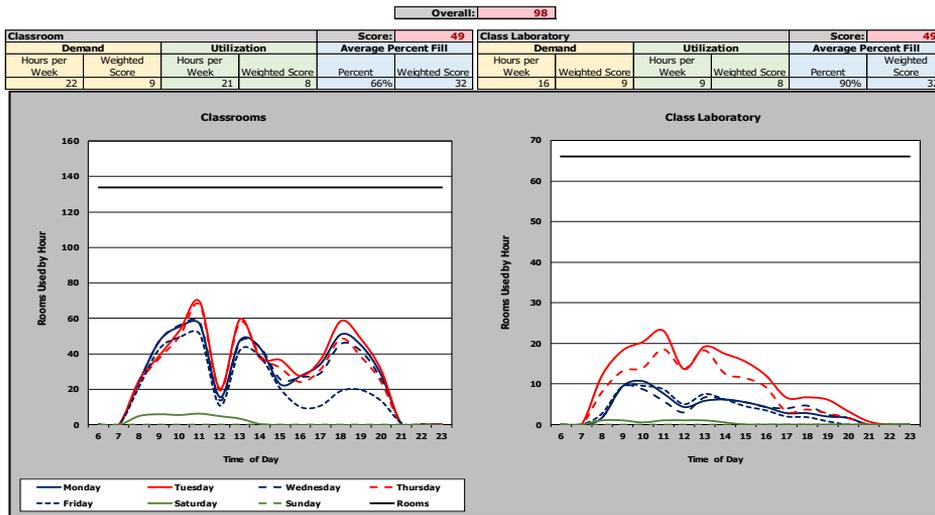
High Scoring



Commuter Campus



Room for Improvement...



Great Tool for the Institutions

- Room-Level Breakouts
- Courses Scheduled
- Step by Step calculations
- Fosters collaboration – best practices

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 Space Usage Efficiency Detail Report - Fall 2011
 UT-Arlington
 Building - Room

SUE Score	Demand Score	Utilization Score	POF Score	Average Demand Hours	Overlap Hours	Average Utilization Hours	Average Percent Fill	Capacity	Students	Duration Minutes	Subject Number	Section	Day - Time	
000608 - 000000000000166 Class Laboratory														
67	27	32	8	34.4	7.0	27.4	54	38	92	1,720	10	Class Count		
				32	3.4	0.0	3.4	83	18	15	170	ART 3385	80507	Monday - 0800
				32	3.4	0.0	3.4	84	18	17	170	ART 4367	80533	Tuesday - 1100
				24	3.4	0.0	3.4	67	18	12	170	ART 4397	80544	Tuesday - 1400
				32	3.4	0.0	3.4	83	18	15	170	ART 3385	80507	Wednesday - 0800
				16	14.0	7.0	7.0	56	18	10				Wednesday - 1400
					7.0	0.0	7.0		8	350	ART 4392	80539		
					7.0	7.0	0.0		2	350	ART 5855	80553		
				32	3.4	0.0	3.4	94	18	17	170	ART 4367	80533	Thursday - 1100
				24	3.4	0.0	3.4	67	18	12	170	ART 4397	80544	Thursday - 1400





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