



AGENDA

- Why are we doing this Classroom Pilot Project?
- 2. California Chancellor's Office Space Standards
- 3. Existing 26A Classroom Pilot Room Utilization
- 4. 26A Classroom Pilot Project Scope
- 5. Target 26A Classroom Pilot Project Class Sizes
- 6. Classroom Furniture Assumptions
- 7. Furniture Mock-Up Effort
- 8. AV Considerations

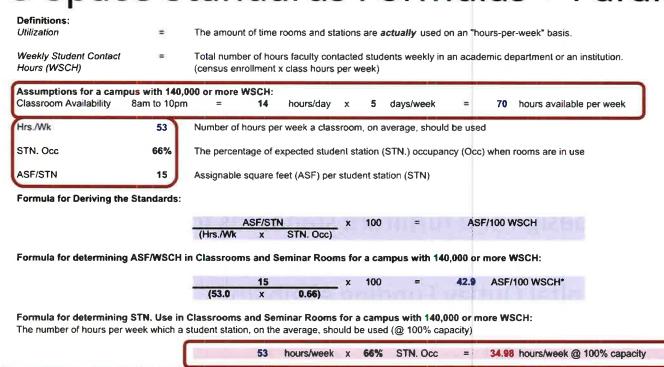


Why are we doing this Classroom Pilot Project?

- Upgrade to new campus AV standards.
- Remodel to improve classroom functionality, flexibility, and efficiency.
- Remodel to gain much needed data room, IT workroom, and faculty office space.
- Set classroom design and furniture standards for the campus.
- Improve campus classroom utilization and position the College for future State Capital Outlay Funding eligibility.



Title 5 Space Standards Formulas + Parameters





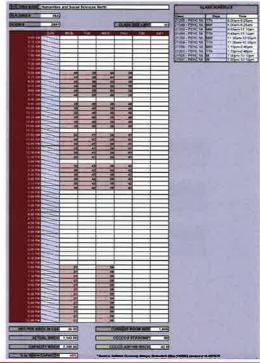
California Chancellor's Office Space Standards

			ASF/STN Hrs/Wk @ 100% capacity		_ x 10	0 =	= 42.	.9 ASF/10	0 WSCH		
	Hrs./Wk		ASF/STN	x 42.9	100						
itandard	Hrs./Wk	=	15	x 42.9	100	-		2.9		35	hours-per-week a
etter	Hrs./Wk	=	18	x 42.9	100	-		2.9	=	42	hours-per-week a
uperior	Hrs./Wk	=	20	x 42.9	100			2.9	=	47	hours-per-week a

To have bigger classes, we have to teach more.

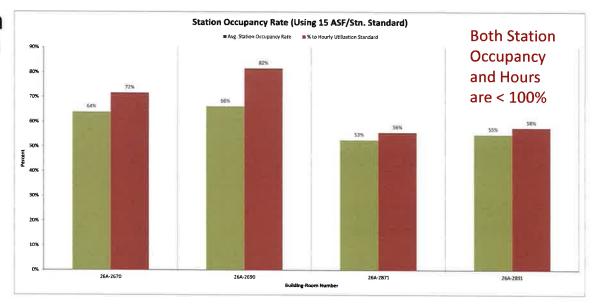


- Goal is 100% utilization of each room
- Classroom Utilization "Calculator" graphically illustrates "White Space"
- Currently ALL four rooms are underutilized:
 - o Room 2670 70%
 - Room 2690 82%
 - Room 2871 45%
 - Room 2891 48%



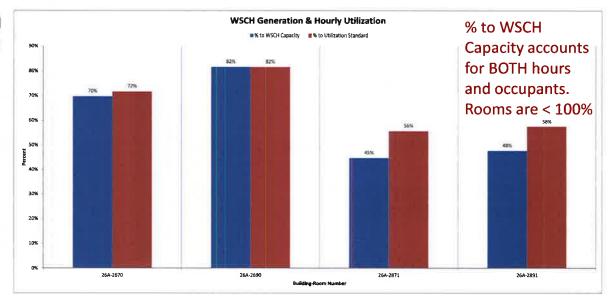


- ALMA's Space Utilization Analysis illustrates room utilization via three different "lenses":
 - Station Occupancy Rate
 - WSCH Generation & Hourly Utilization
 - Actual ASF/100 WSCH versus Standard





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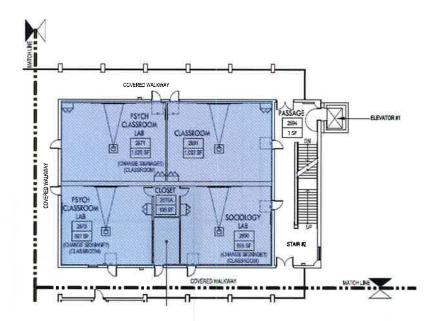
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26A Classroom Pilot Project Scope

- 2nd floor
 - Room 2670
 - Room 2670A
 - Room 2680
 - Room 2690
 - Room 2871
 - Room 2891





Target 26A Classroom Pilot Project Class Sizes

• Design rooms to accommodate class size plus 10%.

Class size	Room Capacity
35	39
43	48
50	55

• Goal = (2) 39-seat rooms, (1) 48-seat room, & (1) 55-seat room.



Classroom Furniture Assumptions

- (1) Campus Standard Instructor Station:
 - Height adjustable
 - Accessible
 - Houses AV equipment inside
- (1) Instructor Stool:
 - Mobile, 5-star base
 - Height adjustable
 - With arms
- (1 or 2) Interpreter Chairs (depends on classroom size):
 - Fixed base (sled or glides)
 - With arms
 - Stackable



Classroom Furniture Assumptions

5% of Student Stations shall be Accessible (Mt. SAC Standard):

Accessible Student Table/Desks:

- Fixed base
- Height adjustable (crank or pneumatic)

Accessible Student Chairs:

- Fixed base (sled or glides)
- With arms
- Stackable



Student desk and seating to be determined through campus-wide

mock-up process.

Class Size – 35 student seats

Schedule – February/March 2018

Locations - Modulars 21B, 21C, 21I, and 21J





Room	21B
1	Allsteel Inspire Tablet Arm Chair with Sled Base (Existing)
	-Currently used around campus -Articulating tablet arm is too small for books and notetaking
2	KI Intellect Wave XL Double-Entry Desk with Book Rack
	-Allows for entry on either side -Desk surface is larger to fit books and take notes







Room	21C	
1	KI Learn2 Strive Seating with Flat Accessory Rack	
	-Large tablet that pivots 270 degrees -Rack for books, backpacks, etcOn wheels for mobility	w/ flat rack
2	National Essay Student Chair with Tablet	
	-Large tablet that pivots -Rack for books, backpacks, etcOn wheels for mobility	



Room	211
1	KI Ruckus Pneumatic Adjustable Desk with Rolling Base KI Ruckus Stack Chair with Casters and Bookrack -Height adjustable desk -Chair on casters, multi-positional seating -Allows for flexibility & mobility
2	Allsteel Aware Flip-top, Nesting Table with Casters Sit on It Lumin Light Task Chair -Table and chair on casters -Table will sit two students -Allows for flexibility and mobility







Room	21J							
1	Global Furniture Group Duet Table and Chair							
	-Large desk surface for books and notetaking -Sturdy chairs							
2	National Fold Table on Casters and Essay Task Chair on Casters							
	-Desk is flip-top and nests -Allows for flexibility & mobility							





AV Considerations

- For the furniture mock up, the existing AV system set up within the rooms will remain.
- The full campus standard AV set up will be implemented in this 26A Classroom Pilot Project.
 - Fully equipped instructor lectern or table:
 - Height adjustable
- Touch panel

- Dual monitors

- Light controls
- Wheelchair accessible
- Alertus

- Document camera (optional)
- Houses computer
- Drop leaf on both sides

- Fully equipped projection system:
 - Epson BrightLink interactive display (optional)
 - Ceiling mounted projector
 - Motorized screen

- Voice amplification with ALS (optional)
- Ceiling mounted speaker system



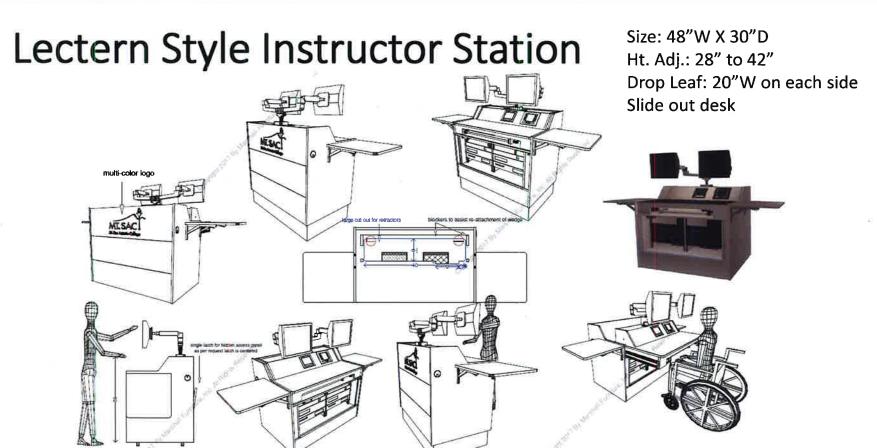
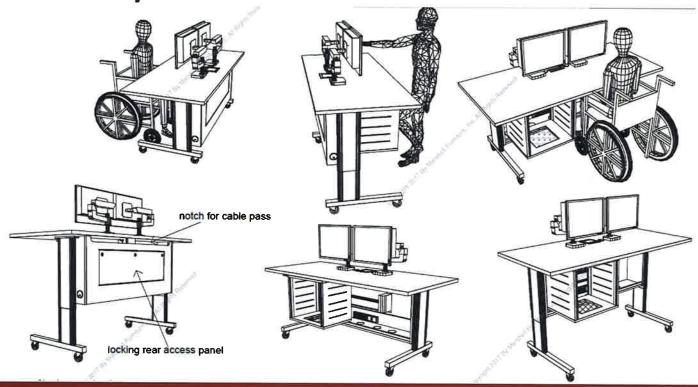




Table Style Instructor Station

Size: 72"W X 32"D or 84"W X 32" D

Ht. Adj.: 30" to 42"





Next Steps

- Present to Academic Senate?
- Ongoing user group meetings.
- Purchase furniture for mock-up.
- Draft mock-up evaluation form.
- Advertise mock-up campus-wide.



Facilities Planning & Management

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CCC Title 5 Classroom Utilization and Space Standards Formulas + Parameters

Updated 11/16/2017 mk

These calculations are based on:

Board of Governors of the California Community Colleges Policy On Utilization and Space Standards - September 2010

Definitions: The amount of time rooms and stations are actually used on an "hours-per-week" basis. Utilization Total number of hours faculty contacted students weekly in an academic department or an institution. Weekly Student Contact (census enrollment x class hours per week) Hours (WSCH) Assumptions for a campus with 140,000 or more WSCH: hours available per week 14 hours/day x days/week Classroom Availability 8am to 10pm Number of hours per week a classroom, on average, should be used Hrs./Wk 53

STN. Occ 66% The percentage of expected student station (STN.) occupancy (Occ) when rooms are in use

ASF/STN 15 Assignable square feet (ASF) per student station (STN)

Formula for Deriving the Standards:

ASF/STN x 100 = ASF/100 WSCH

(Hrs./Wk x STN. Occ)

Formula for determining ASF/WSCH in Classrooms and Seminar Rooms for a campus with 140,000 or more WSCH:

15 x 100 = 42.9 ASF/100 WSCH*

Formula for determining STN. Use in Classrooms and Seminar Rooms for a campus with 140,000 or more WSCH:

The number of hours per week which a student station, on the average, should be used (@ 100% capacity)

53 hours/week x 66% STN. Occ = 34.98 hours/week @ 100% capacity

What are the implications if Mt.SAC wants to increase the ASF/STN??

			ASF/STN Hrs/Wk @ 100% capacity			x 10	0 =	42.9	ASF/100 WSCH		
	Hrs./Wk		ASF/STN	x 42.9	100						
Standard	Hrs./Wk	=	15	x 42.9	100		1500 42.9		=	35	hours-per-week at 100% capacity
Better	Hrs./Wk	1.	18	x 42.9	100		1800 42.9	-		42	hours-per-week at 100% capacity
Superior	Hrs./Wk	=	20	x 42.9	100	. =	2000 42.9	_	=	47	hours-per-week at 100% capacity

How to Calculate Room Utilization in Relation to WSCH:

Capacity WSCH = 100 x Room ASF
42.9

% Room Utilization to WSCH Capacity = Actual WSCH
Capacity WSCH

Actual WSCH
100 / 42.9 x Room ASF