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Classroom Space/Technology/Efficiency Needs

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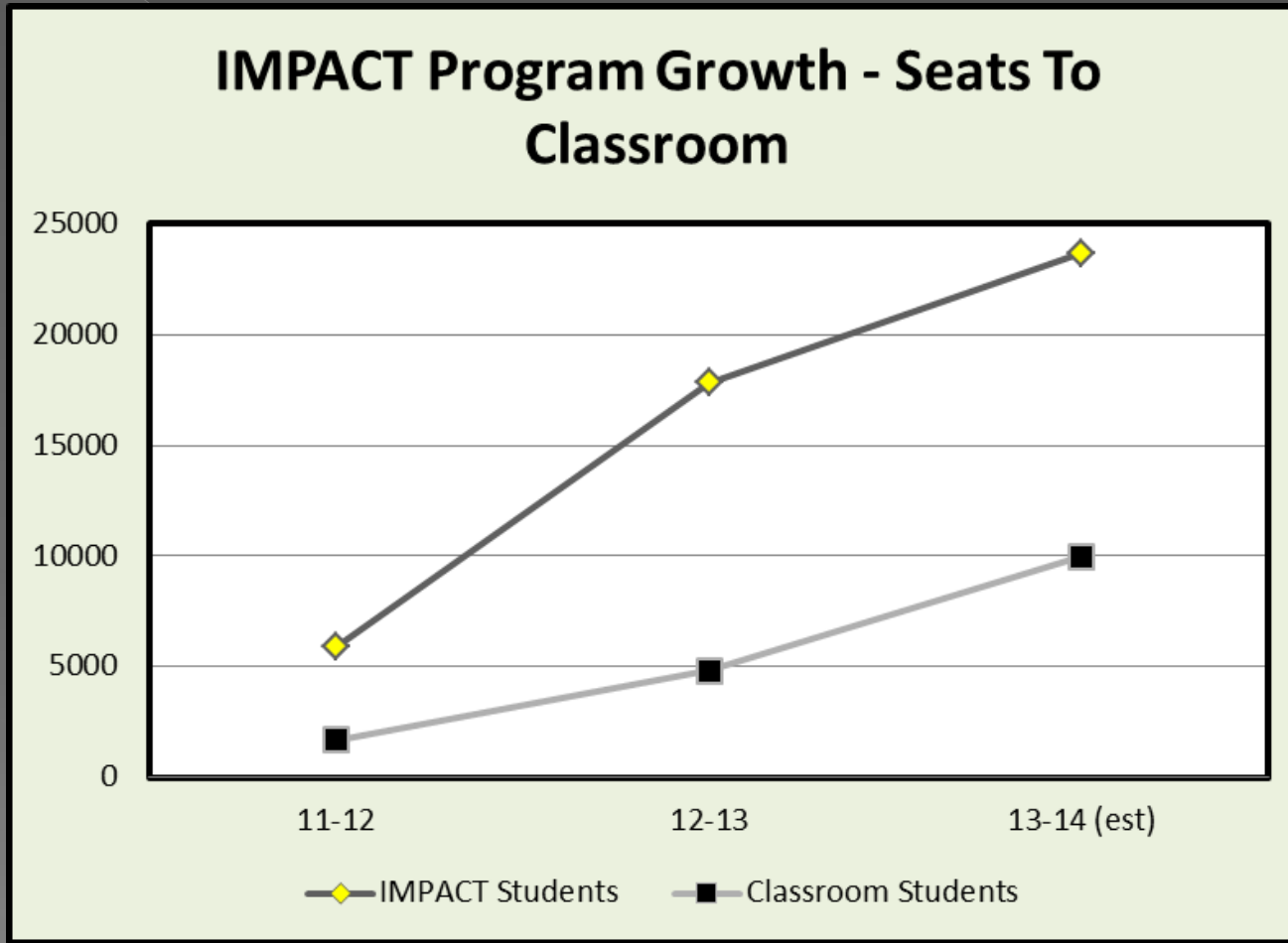
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Classroom Space/Technology/Efficiency Needs

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Fall 2013

What We Know



Estimated Models/Pedagogy

Model Distribution Estimations			
Model	Estimated Breakdown	Estimated Future Breakdown	In Classroom by 2016
Online Only	8%	8%	41.3% - 46.0%
Replacement	35%	59%	
Supplemental	57%	33%	

*there has been an 8% increase of courses IN IMPACT classrooms in 2013

Current Classroom Configurations

Fall 2013 IMPACT Classroom Breakdown				
Classroom	Courses	Sections	Seats	Effective Ratio
B848	13	19	117	16%
B853	7	12	90	13%
G980D	7	22	72	31%
Pottr141	9	24	60	40%
LL	4	4	40	10%
Grand Total	40 (35 non duplicated)	81	379	21%

Fall 2013 IMPACT Classroom Low/High Tech Breakdown

Course	Room	Sections	Seats Per	EST Total Seats	Meeting Time	Pattern	Meets
AGEC203	B848	1	100	100	0:50	2	2 X 0:50
AGR101	G980D	1	40	40	0:50	1	1 X 0:50
BCM100	B848	1	75	75	1:15	2	2 X 1:15
BCM475	Pottr141	1	50	50	0:50	3	3 X 0:50
BME490	G980D	1	45	45	1:45	1	1 X 1:45
CE355	B848	1	60	60	0:50	2	2 X 0:50
CE355	Pottr141	1	60	60	0:50	1	1 X 0:50
CGT411	Pottr141	1	40	40	0:50	3	3 X 0:50
CGT450	Pottr141	1	40	40	0:50	3	3 X 0:50
CHEM129	B848	5	100	500	0:50	1	1 X 0:50
CS235	B848	2	90	180	0:50	3	3 X 0:50
EAPS109	Pottr141	1	60	60	0:50	2	2 X 0:50
ECE201	B848	2	80	160	1:15	2	2 X 1:15
ECE264	B848	1	80	80	1:45	1	1 X 1:45
ECE264	B853	3	80	240	1:15	3	3 X 1:15
ECE270	B853	1	80	80	0:50	3	3 X 0:50
EDI270	B848	1	90	90	0:50	1	1 X 0:50
EDPS235	B848	1	90	90	0:50	2	2 X 0:50
EDPS235	B853	2	90	180	0:50	1	1 X 0:50
FS362	G980D	1	50	50	0:50	3	3 X 0:50
GS175	LL	1	40	40	0:50	1	1 X 0:50
GS290	B853	1	90	90	1:15	2	2 X 1:15
IT104	B848	1	70	70	0:50	2	2 X 0:50
IT230	B853	2	70	140	0:50	1	1 X 0:50
MGMT175	G980D	1	70	70	1:15	1	1 X 1:15
MGMT290	LL	1	40	40	1:15	2	2 X 1:15
MGMT301	G980D	2	70	140	1:15	2	2 X 1:15
NUCL449	Pottr141	1	35	35	0:50	1	1 X 0:50
NUR108	B848	1	90	90	0:50	1	1 X 0:50
NUR222	B848	1	90	90	1:45	1	1 X 1:45
NUR223	LL	1	35	35	1:45	2	2 X 1:45
POL413	LL	1	35	35	0:50	1	1 X 0:50
PSY120	G980D	15	72	1080	0:50	1	1 X 0:50
SCI195	Pottr141	1	50	50	0:50	1	1 X 0:50
SCI360	Pottr141	1	40	40	1:15	2	2 X 1:15
STAT113	B853	2	90	180	1:15	1	1 X 1:15
TECH120	Pottr141	16	40	640	0:50	1	1 X 0:50
THTR201	B848	1	35	35	0:50	1	1 X 0:50
THTR201	B853	1	35	35	0:50	1	1 X 0:50
THTR201	G980D	1	35	35	0:50	1	1 X 0:50
Total		81	63.3	5190	67:06	66	66 X 67:06

Needs Assessment for Seats/Classrooms

Classroom Seat Need Estimations				
Type	Current	2014	2015	2016
Hi Tech	112	172	232	292
Low Tech	267	367	467	567
HT %	30%	32%	33%	34%
Total Seats	379	539	699	859

Classrooms Needed Estimations				
Type	Current	2014	2015	2016
Hi Tech	2	3	4	5
Low Tech	3	4	5	6
HT %	40%	43%	44%	45%
Total Seats	5	7	9	11

*Additional HT rooms need 60 seats, LT rooms need 100 seats

Predicted Courses/Sections Based on Foundational Core

Additional Course/Section Growth Over Time				
Type	Current	2014	2015	2016
Course	35	64	86	114
Courses Added	11	29	22	28
Sections	81	135	181	241
Section Growth	56%	67%	34%	33%

Current Classroom Inefficiencies

Time (By Day/Classroom) Used by Courses

Classroom	Mon	Tue	Wed	Thu	Fri	Total (out of 50 hours)
B848	4.25	7.5	4.5	6	5.25	27.5
B853	2.25	7	1.75	6	5.25	22.25
G980D	5	5.75	4.25	5.75	5	25.75

% of Time (By Day/Classroom) Used by Courses

Classroom	Mon	Tue	Wed	Thu	Fri	Average
B848	43%	75%	45%	60%	53%	55%
B853	23%	70%	18%	60%	53%	45%
G980D	50%	58%	43%	58%	50%	52%
Average	38%	68%	35%	59%	52%	50%

FLC Response to Classroom Space

- I have 80 seats and unable to schedule a classroom
- I have 940 seats in 2 sections, plans for an active learning space?
- Tables and chairs get moved or removed from the Hicks classrooms and often are not put back in place
- VERY constrained by the lack of mobility of the tables in B853 (though I do love that it has “breakout rooms”)

FLC Comments (cont. 2)

- need a design studio space for my class that apparently does not exist on campus. It has to have large tables where items can be spread out; many white boards on the wall. They have put me in KRAN 250, which comes as close to this description as anyone in scheduling and IMPACT could think. However, there are no white boards on the walls, and the tables are very small.

FLC Comments (cont. 3)

- Not been able to form in class groups because of the fixed seating in the lecture room
- I first offered my re-designed IMPACT version of ME 274 during the Spring 2012 semester followed by an offering of this IMPACT course in Summer 2012. Both offerings were in room ME 1130 which allows for seating of the 120 students in a way that group activities can be accommodated. I have been unable to get this room for any subsequent offerings of the course, and have not offered it as an IMPACT course.

FLC Comments (cont. 4)

- I think the biggest issue is that we just don't have enough of these spaces
- The answer to this is YES! We have found it extremely difficult to find rooms large and flexible enough to carry out active learning experiences for 150 students.
- I have been using space over in the DLR. The space is wonderful, but the students complain about the distance from the center of campus. I think some students dropped the course because it was difficult to attend

FLC Comments (cont. 5)

- KRAN 250 – limited space. Computers are too close to each other. It's nice to have computers clustered in 5 areas, but computers are not movable.

FLC Comments/Technology

- Apple TV doesn't work so the ipads we have for students aren't really functional because they can't share their work
- Computers in G980D are really slow to log-off and log back on. Often 10 minutes between class periods isn't enough
- I do feel a bit constrained by the lack of computer stations in both HIKS B848 & B853
- A computer for each student (about 40 students in my class) with, ideally, some specialized software installed upon request

FLC Comments/Tech (cont 2)

- More than space we need technology (more than just a teaching station and screens on the walls). Its find to have a room full of round tables, that helps facilitate group activities but, at least in our area of study, we are limited by the lack of technology. Ideally, having rooms that are equipped like the space in Hicks on the main floor (can't remember the room number). That room has a desktop on each table and monitors in the corners of the room, making it possible to release control of the screens to each station allowing students to lead the class through student projects and presentations. At the very least include power outlets at each table so student can plug their laptops. Like I said, space is one thing but if there's nothing but space it is pretty much useless.

Caveats

1. Estimates based on maximum IMPACT classroom efficiencies
2. No Math courses considered for space/technology
3. No outliers included (ie. Psy 120)
4. Met with Keith Murray and Carol Horan to streamline communication