



PLANNING & RESOURCE COUNCIL

AGENDA

March 16, 2011

Purpose: **Participatory Governance Leaders Meeting**
 Location: **PRESIDENT'S CONFERENCE ROOM**
 Time: **1st & 3rd Wednesday - 1:30 p.m. to 3:00 p.m.**

DATE March 16	AGENDA TOPIC	DISCUSSION LEADER	EXPECTED OUTCOME
1:30 - 1:35	Introduction of Guests	Miner	
1:35 - 1:40	Approval of Minutes for February 16, 2011 *	Miner	Approval
1:40- 1:45	Accreditation Self Study Update	Hueg	Information/Discussion
1:45 - 1:55 1:55 - 2:05 2:05 - 2:15 2:15 - 2:25 2:25 - 2:35	<ul style="list-style-type: none"> •Division Plans Business and Social Sciences Physical Sciences & Math Computer Information Systems Adaptive Learning Human Performance Bio & Health Division 	Seyedin Murray Murray Gregorio Legarza <i>Deferred to 4/6</i>	Information/Discussion
2:35 - 3:00	•Questions/Rumors/ Announcements	Miner	Information

*ATTACHMENTS:
 Minutes 2.16.11

Business and Social Sciences (BSS) Division

Budget Presentation for PaRC

March 16, 2011

Departments/Programs

- Accounting*
 - Advertising
 - American Studies
 - Anthropology*
 - Business*
 - Business International Studies
 - Child Development*
 - Economics*
 - Education
 - General Studies
 - Geography*
 - GIS
 - History*
 - Law and Society
 - Philosophy*
 - Political Science*
 - Psychology*
 - Real Estate*
 - Social Science
 - Sociology*
 - Women's Studies*
- * Requires Program Review

BSS by the Numbers

- 21 departments/programs (13 Prog Reviews)
 - Travel Careers ended in June 2010
- 08/09 WSCH: 101,500
- 08/09 Productivity: 555
- 08/09 FTEF: 53.02
- 21 Fulltime faculty (20.08 FTEF, 38%)
 - 5 Probationary (Tenure track)
- 50-100 Part-time faculty (32.94 FTEF, 62%)
- Approx 48% of enrollment is online

BSS Requests for 2011-12

- FTEF Positions
 - Psychology
 - Business
- B Budget
 - \$38,000 for 2010-11
 - \$35,000 for 2011-12
- Lottery - GIS Software (Perkins)

Perkins Requests 2011-12

Program Request Amount Priority

GEOG/GIS Software \$2,700.00 **1**
BUSI/FEC Student workers (pay/ben) \$30,600.00 **2**
CHLD Student Advising (CARES) \$10,950.00 **3**
GEOG/GIS Students (pay/benefits) \$5,100.00 **4**
CHLD Conf Speaker \$9,000.00 **5**
ACTG Student Tutors (pay/benefits) \$12,240.00 **6**
BUSI/FEC Release Time \$26,280.00 **7**
CHLD Conference Seed Funds \$1,500.00 **8**
BUSI/FEC Operating Expenses \$5,000.00 **9**
BUSI/FEC Supplies \$2,000.00 **10**
GEOG/GIS Brochures \$1,000.00 **11**
CHLD Brochures \$1,500.00 **12**
BUSI/FEC Brochures \$1,000.00 **13**
ACTG Brochures \$1,000.00 **14**
CHLD Release Time \$23,000.00 **15**
GEOG/GIS Release Time \$8,760.00 **16**
GEOG/GIS Advisory Board \$700.00 **17**
RE Curriculum Work (no full timers) \$5,475.00 **18**
Total \$147,805.00

BSS Long-term Requests

- Social Science Lab
 - Begin with Purchase of SPSS (Statistical Package for the Social Sciences) \$13,090
 - Annual License – each year \$4,248
 - Lab space – long term
- Student tutors
 - \$20,000 for 2011-12 for Tutorial Center
 - Input into LRC planning

Summary

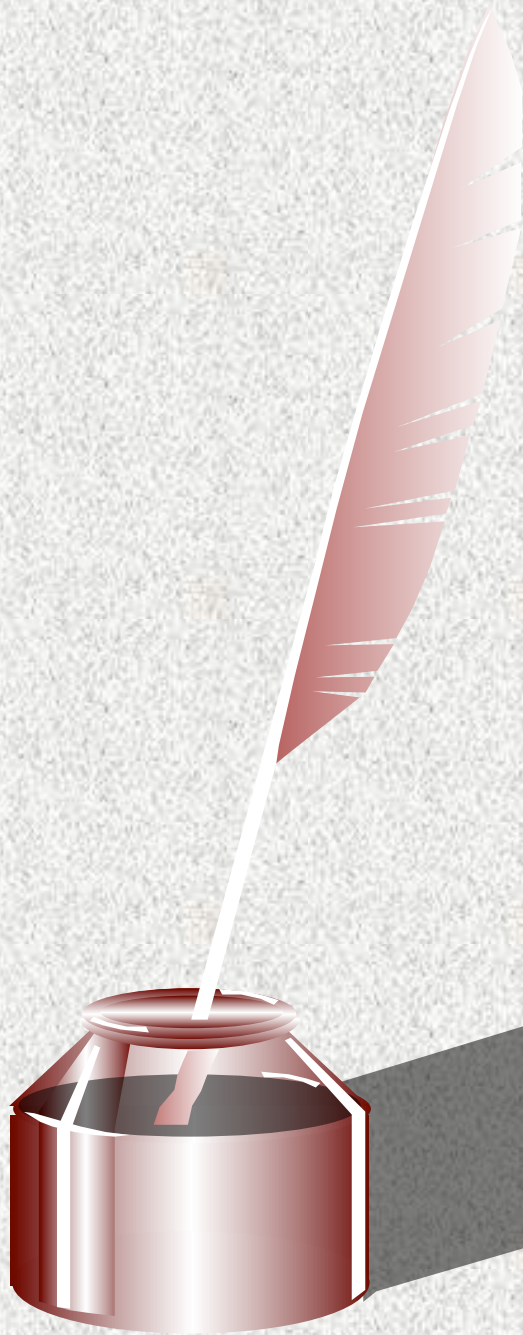
Specific Requests to be submitted for 2011-12

- FTEF Positions
 - Psychology
 - Business
- \$13,090 for SPSS Purchase
- \$20,000 for the Tutorial Center

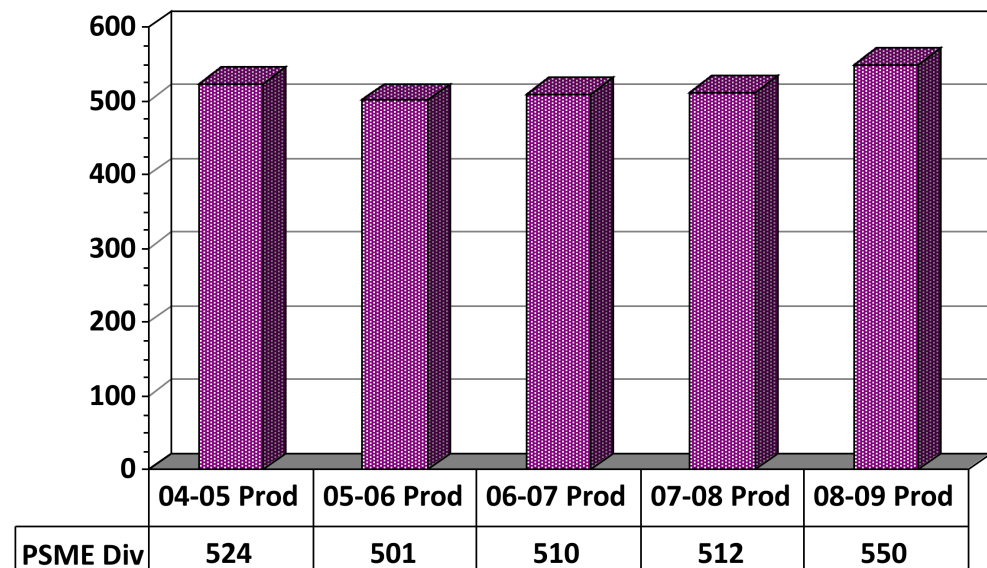
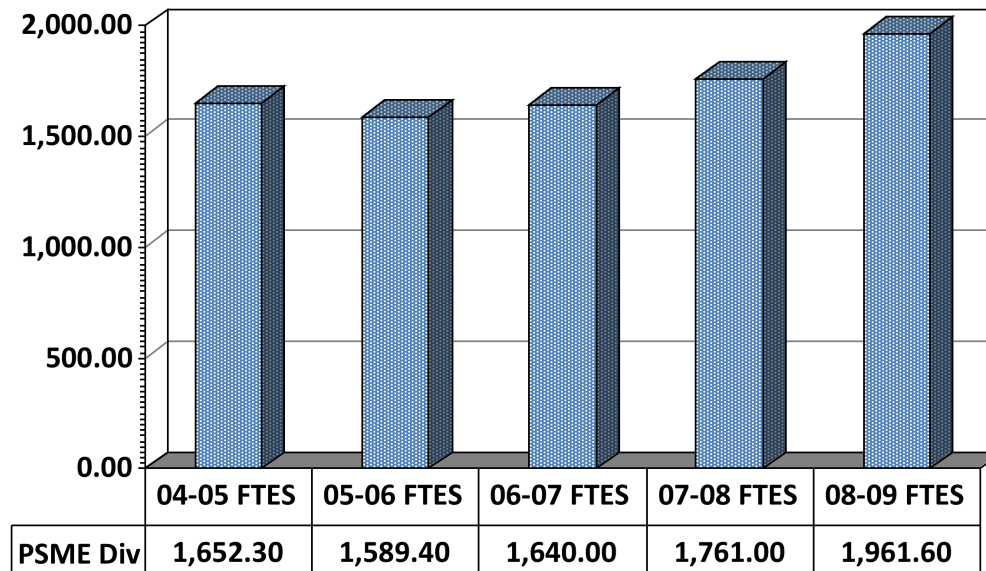
Assumes B Budget, Perkins and Lottery are funded

Questions
or
Comments

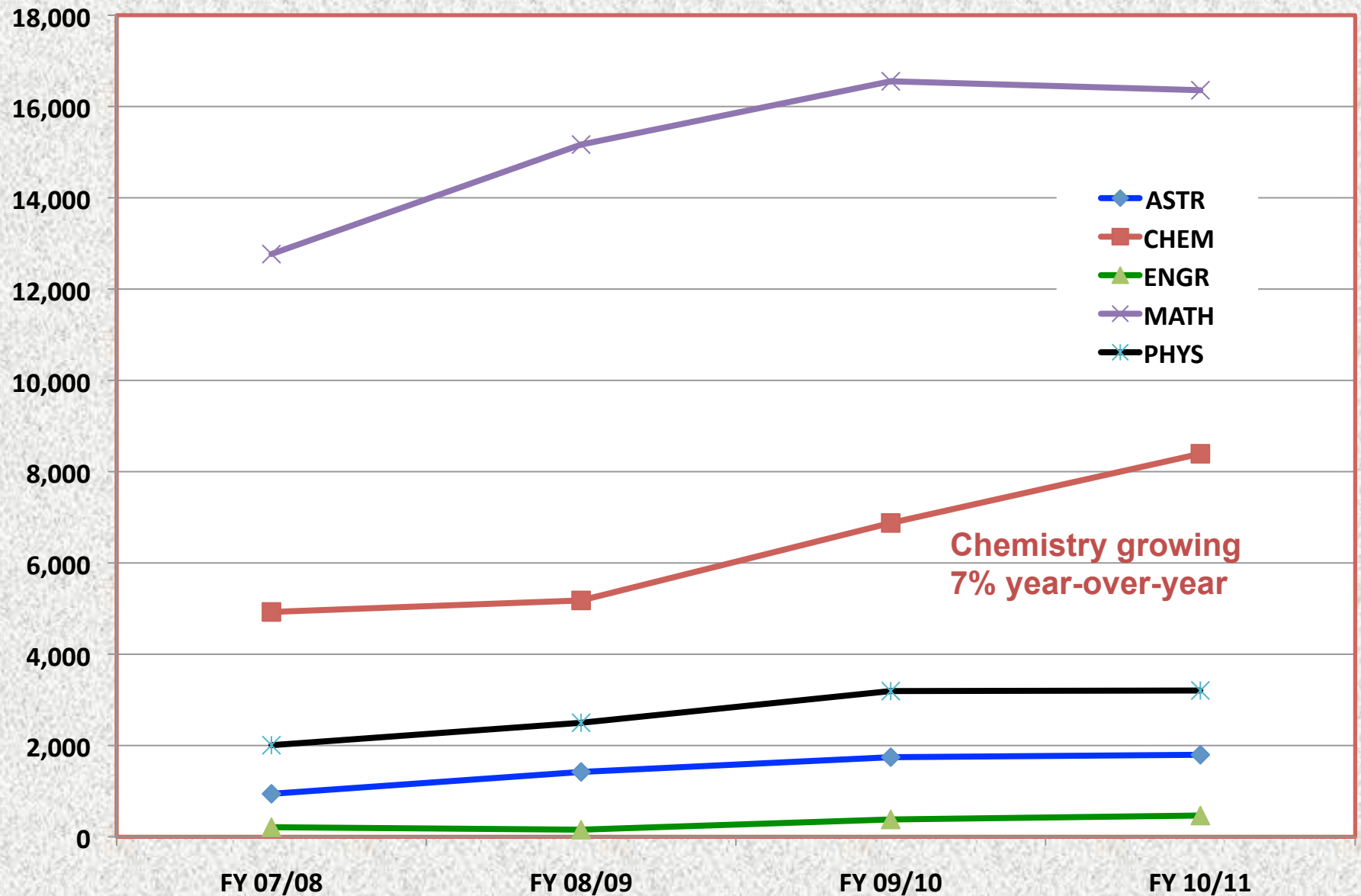
PSME PARC March 16, 2011



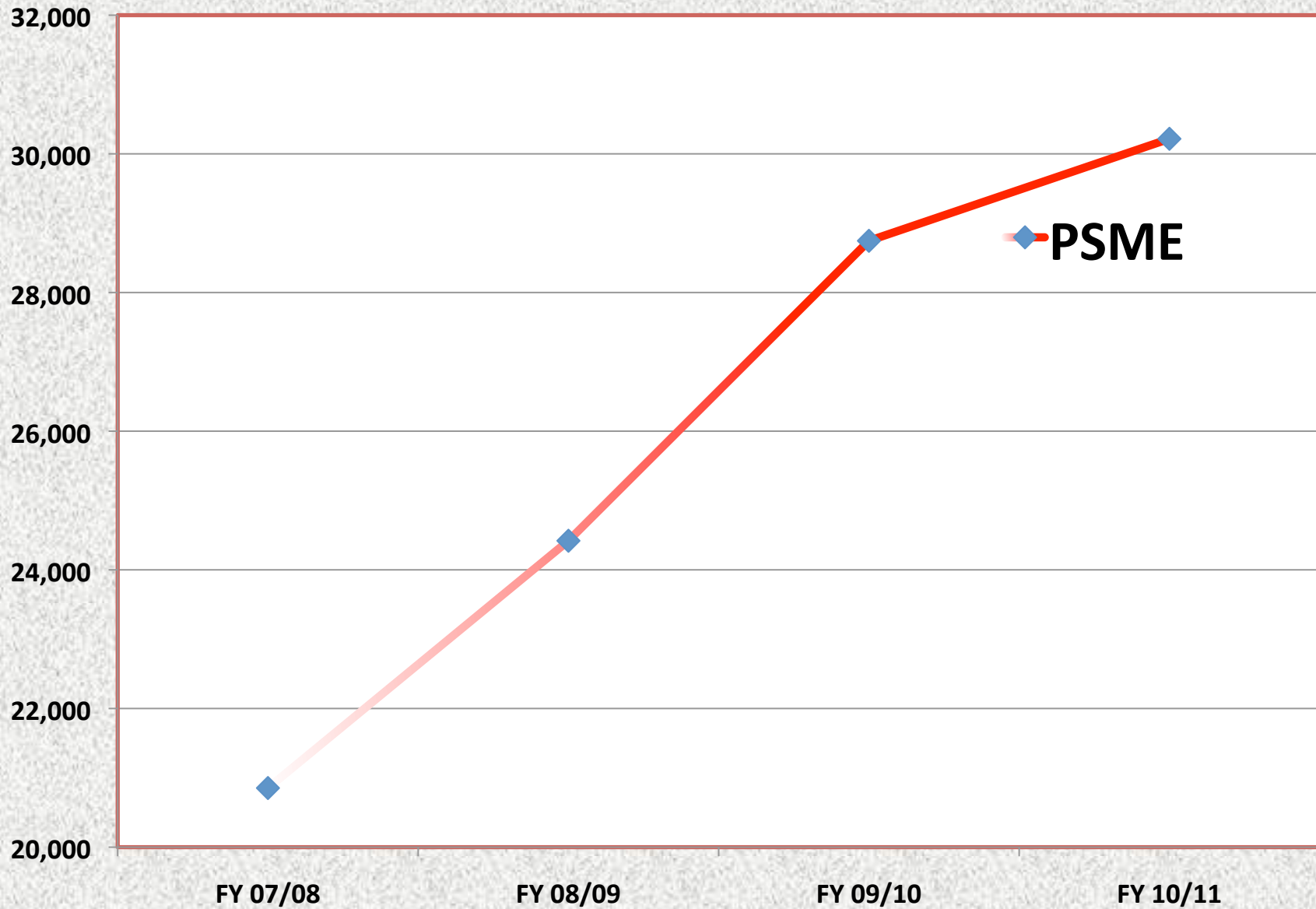
PSME 5 Year FTES and Productivity



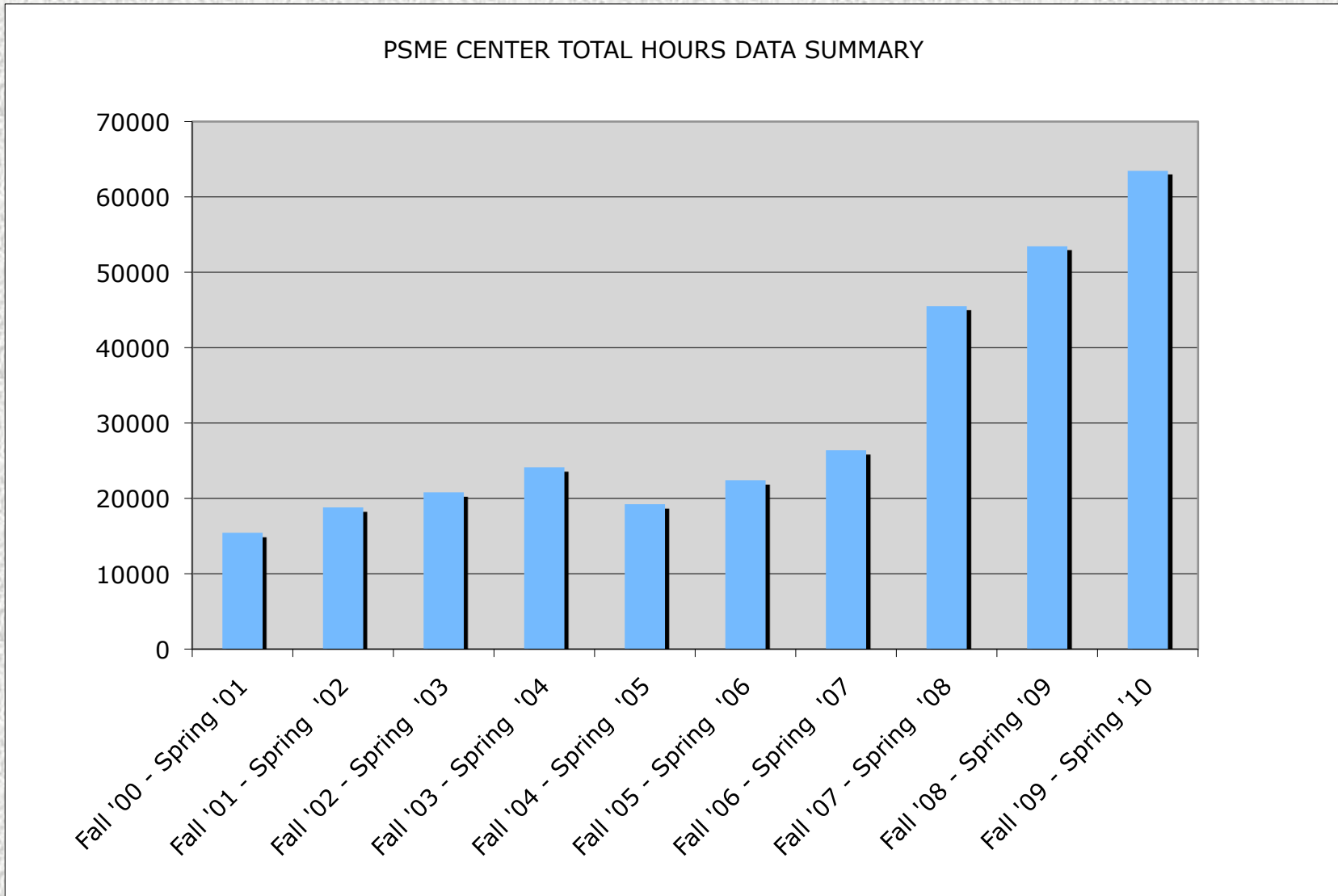
PSME Winter Quarter



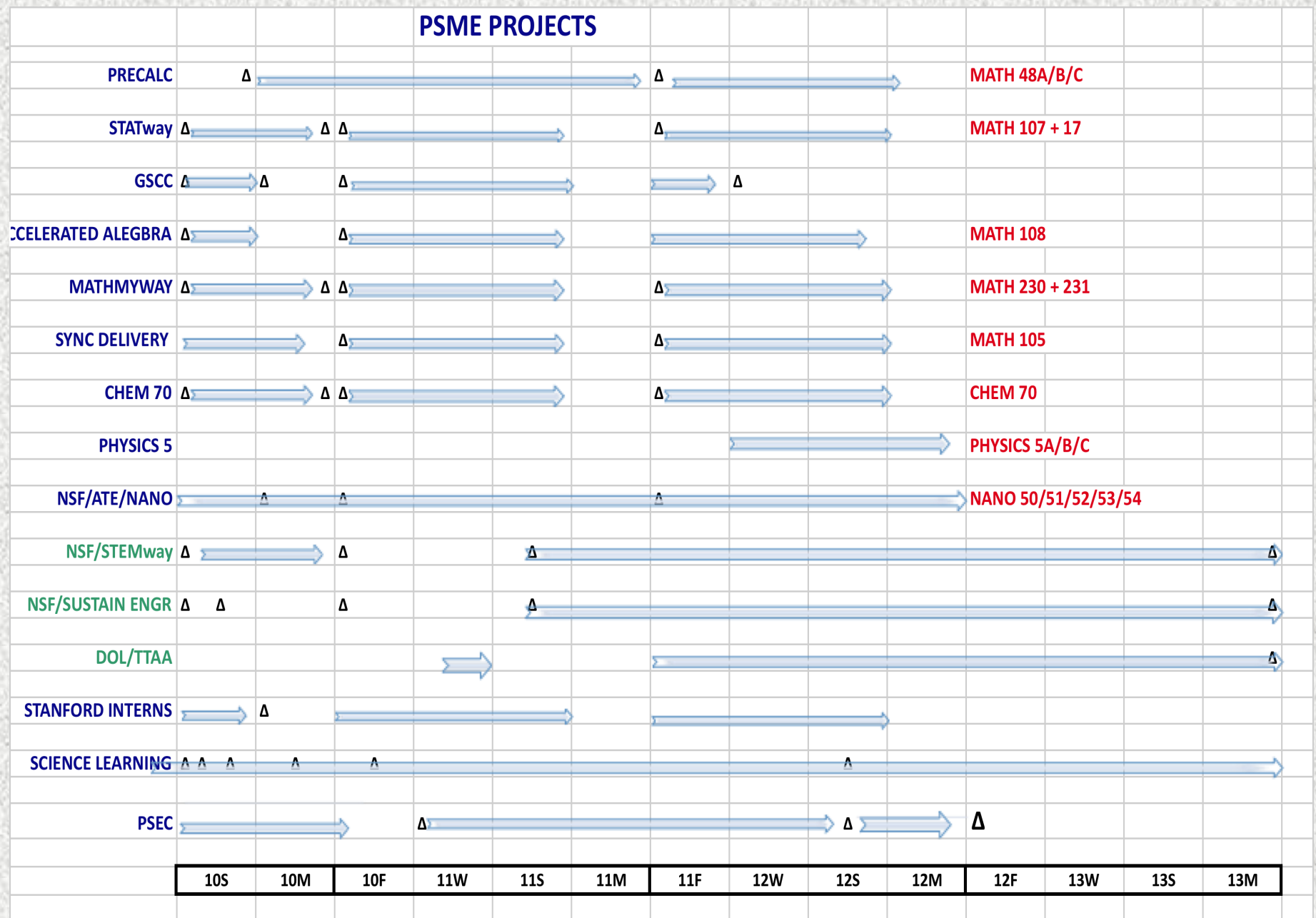
PSME Winter Quarter



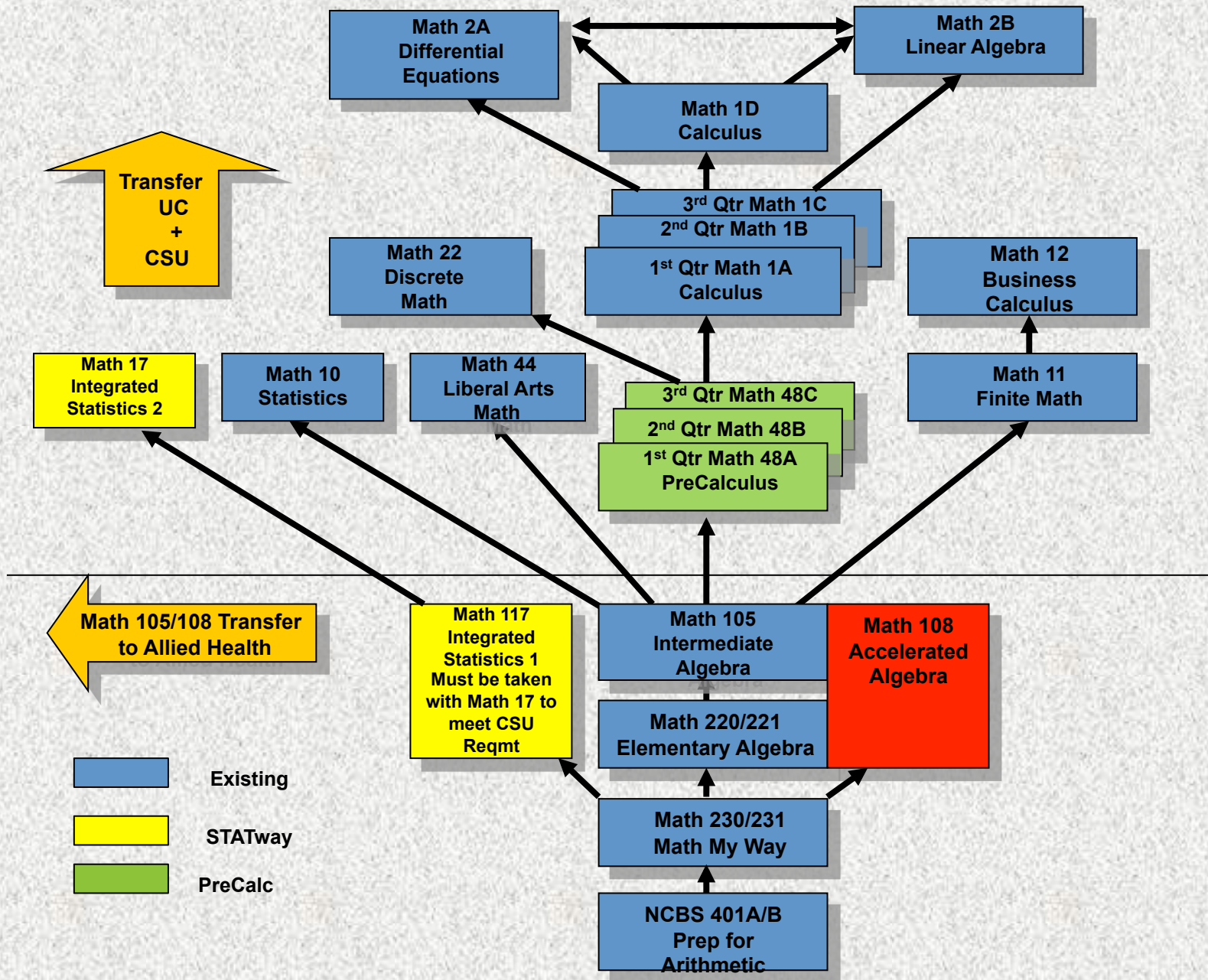
PSME Center Year-over-Year



Change based on research and evidence



Foothill College Math Sequence (2011 Fall)



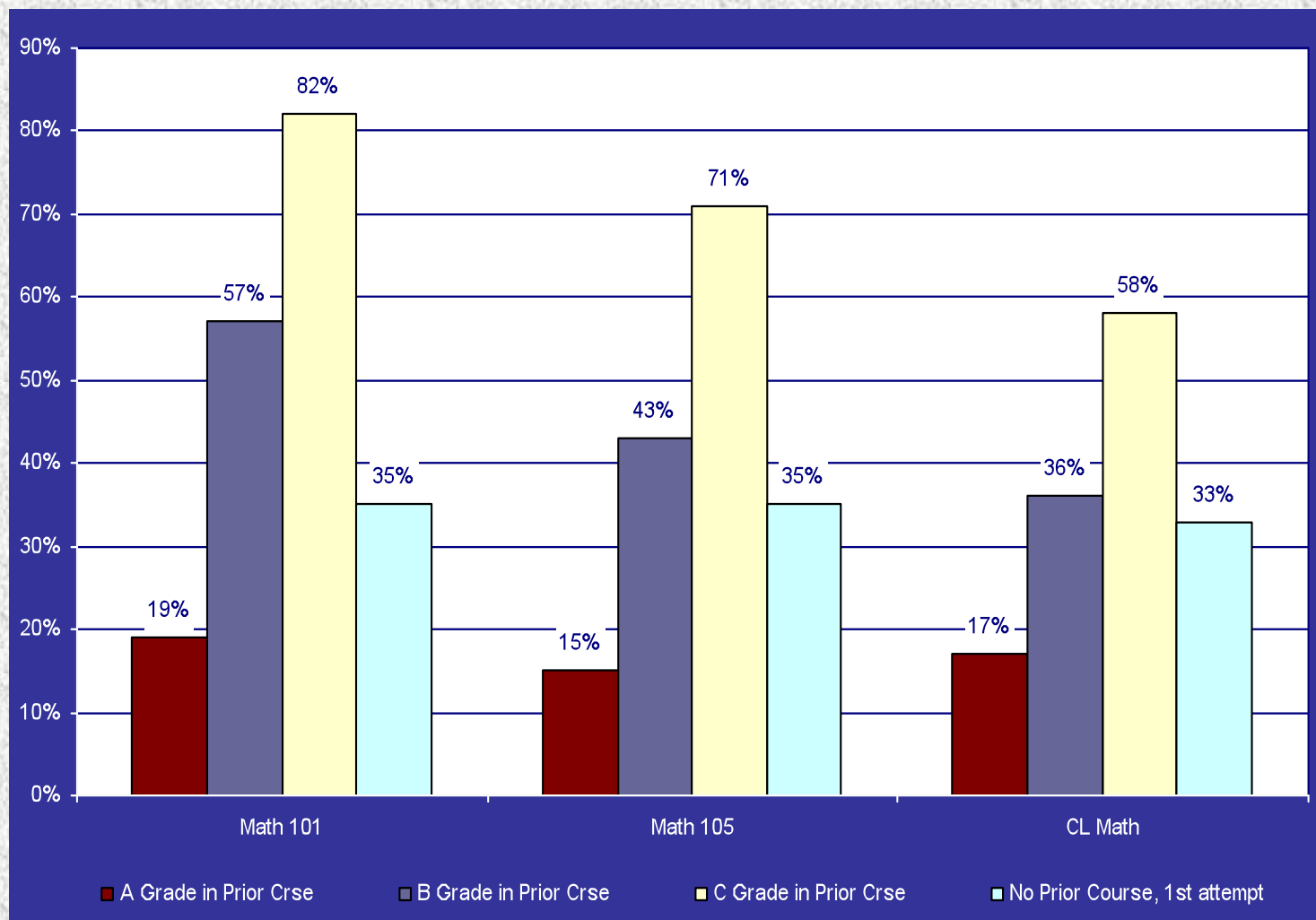
Resource Requests

- Chemistry Evening Lab Technician
 - This request is to **replace the evening PT technician with a FT technician** that would work in the afternoons and evenings. Is required in order for the department to continue growing and meet current OSHA/HAZMAT.
- PSME Center Coordinator
 - A FT Classified (meet min quals) position is requested to restore the position that existed (Rachel Mudge) in the 1990s, funding existed for a full-time classified staff position, but due to budget cuts was eliminated.
- IF:
 - NSF STEMway: reduce B-budget \$20K for each 3 years
 - DOL Grant: reduce B-budget \$20K for each 3 years

Backup

Does prior course grade relate
to future course success in
Basic Skills sequence courses?

Prior Course Grade and **Non-Success**: Math



Critical Issues Addressed

- Students Achieve Mastery of all Course Concepts
- Flexible pacing
- Acknowledge and Record Progress
- Athletic eligibility
- Financial Aid/Scholarship eligibility

PreAlgebra & Algebra

- MathMyWay discussed later
- Elementary Algebra (Math 101 → 220/221)
 - Reallocated MMW-220-105
 - Increased contact time
 - Embedded online homework
- Intermediate Algebra
 - Under GSCC + STATway

PreCalc Redesign

Status in Math 49	Count	Success in Math 49	Non-Success in Math 49
A in Math 51	238	79%	21%
B in Math 51	237	49%	51%
C in Math 51	203	32%	69%
Math 49 - First Math Course	1,313	72%	28%

- Similar data for Precalc to Calc
- Cut scores were aligned
- Make a 1 year sequence vs. 2 quarters
- Move trig to 3rd quarter as part of functions
- Complete redesign of COR & materials and examples
- UC accepted sequence

STATway

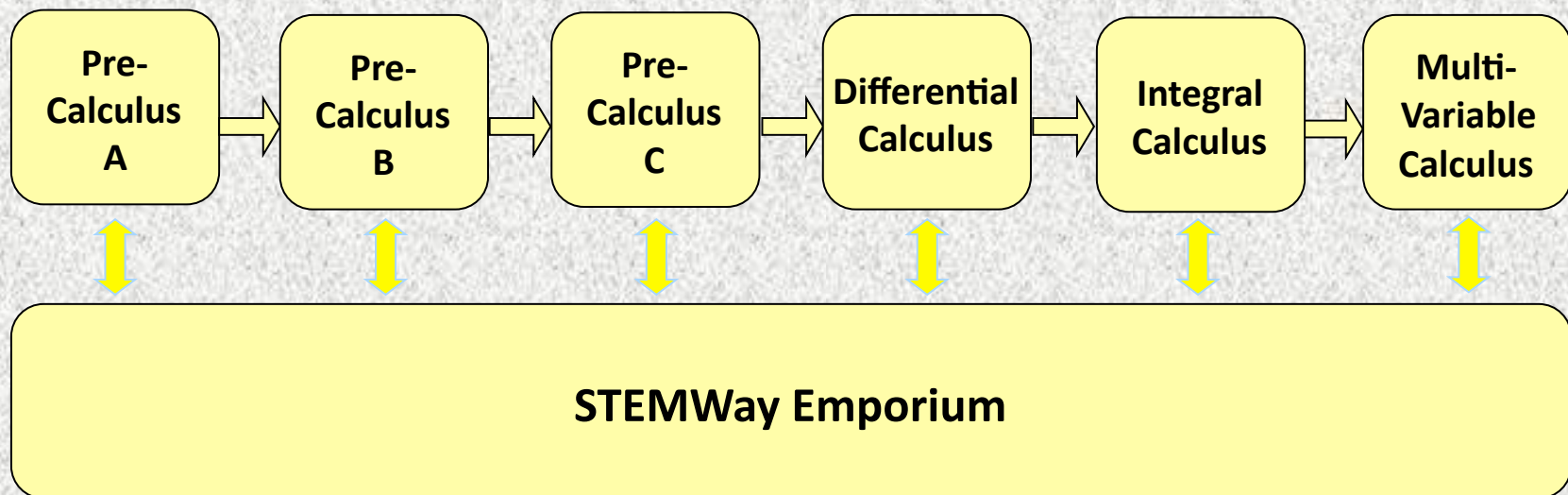
- Carnegie Foundation & Dana Center
 - Funded by Gates Foundation
 - 19 community colleges in 5 states
- Parallel pathway to college level math
- Based on research & measurable improvement cycle
- Focused on statistics, data analysis and quantitative reasoning
- Sequence of Statistics modules embedded with relevant Algebra topics
- Software (content delivery and assessment), Professional development for faculty and counseling & Student support
- 1 year development cycle and initial classes in 2011 Fall
- 4 Faculty + 2 Faculty Carnegie Fellows

Global Skills for College Completion

- LaGuardia CC Funded by Gates Foundation
 - 16 community colleges in 14 different states
 - SRI provide data analysis
- Overall goal of the project is to document strategies that work, and "bring them to scale"
- The goal of the program is to achieve pass rates of 80 percent
- Faculty member posts on a weekly basis in an ePortfolio
 - detailed outlines of learning outcomes each week
 - "artifacts" (papers, exams, class activities)
 - reflections of assessment of what went well and poorly
- Emphasis on constantly changing the mode of learning
- Initial themes have been identified

STEMway

- NSF STEP Proposal
 - Anticipated award in spring 2011
- Scaffolding courses with core courses
 - Gateway assessments
 - Bridge support
- Faculty/staff training for approach in scaffolding courses
- Tightly coupled classes with Emporium Model



Synchronous Online

- Start with using CC Confer (Elluminate)
- Tablet computers used in classrooms
- Online Office Hour
 - [Marc](#)
- Homework examples
 - [Frank](#)
- Synchro Statistics
 - 2 Faculty the same material in class (12:00 & 7:00 PM)
 - Video recorded
- Demonstrations
 - [Bed Nails](#)

New Courses

- Chem 70
 - Preparatory course for Chem 1A students
 - Study skills and inquiry based problem solving
 - 10F initial course
- Phys 5 A/B/C
 - 3Q calculus based physics series
 - Mechanics and E&M
 - Time + more inquiry based teaching
- Phys 2M
 - Math supplement for Physics 2 Series

Nanotechnology

- First program approved by California for a Community College
- NSF/ATE 3 year funding
- 4 course series
 - Hybrid delivery
 - Online assess to characterization systems
- Associate of Sciences Degree
- 5 faculty (4 Ph.D. s)
- Developing student transfer pipeline to UC Santa Cruz and CSU San Jose
 - Access to Stanford's NanoFab Facility
- Internship at UCSC/ASL

Sustainable Engineering

- NSF ATE Proposal this Friday
- Six course core program
 - Survey of energy today
 - Electrical power systems
 - Renewable energy technology
 - Smart energy / AMI (smart grid)
- Campus lab practicum
 - Foothill Cogen Plant and Solar Arrays
 - NASA LEED Platinum PLUS
- UCSC co-development
- Online access to materials and microgrid

PSEC Fall 2012



PSEC Commons



PSEC Plaza

