

Math and Sciences Division

PRESENTER:

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College of Marin's Mission

College of Marin's commitment to educational excellence is rooted in providing equitable opportunities and fostering success for all members of our diverse community by offering:

- **preparation for transfer to four-year colleges and universities**
- **associate degrees and certificates**
- career technical education
- **basic skills improvement**
- English as a second language
- lifelong learning
- community and cultural enrichment

College of Marin responds to community needs by offering student-centered programs and services in a supportive, innovative learning environment that promotes social and environmental responsibility.

Summary of Faculty and Staff

- Administrative Assistants: 3
- Full Time Faculty: 31
- Part Time Faculty: 52
- Coordinators: 2
- Lab Techs: 5
- Math IS: 2
- Hourlies: 7



Math and Sciences Departments

Social Sciences

- 3 FT Faculty
- 11 PT Faculty

Behavioral Sciences

- 5 FT Faculty
- 8 PT Faculty

Physical Sciences

- 7 FT Faculty
- 9 PT Faculty
- 2 Lab Tech

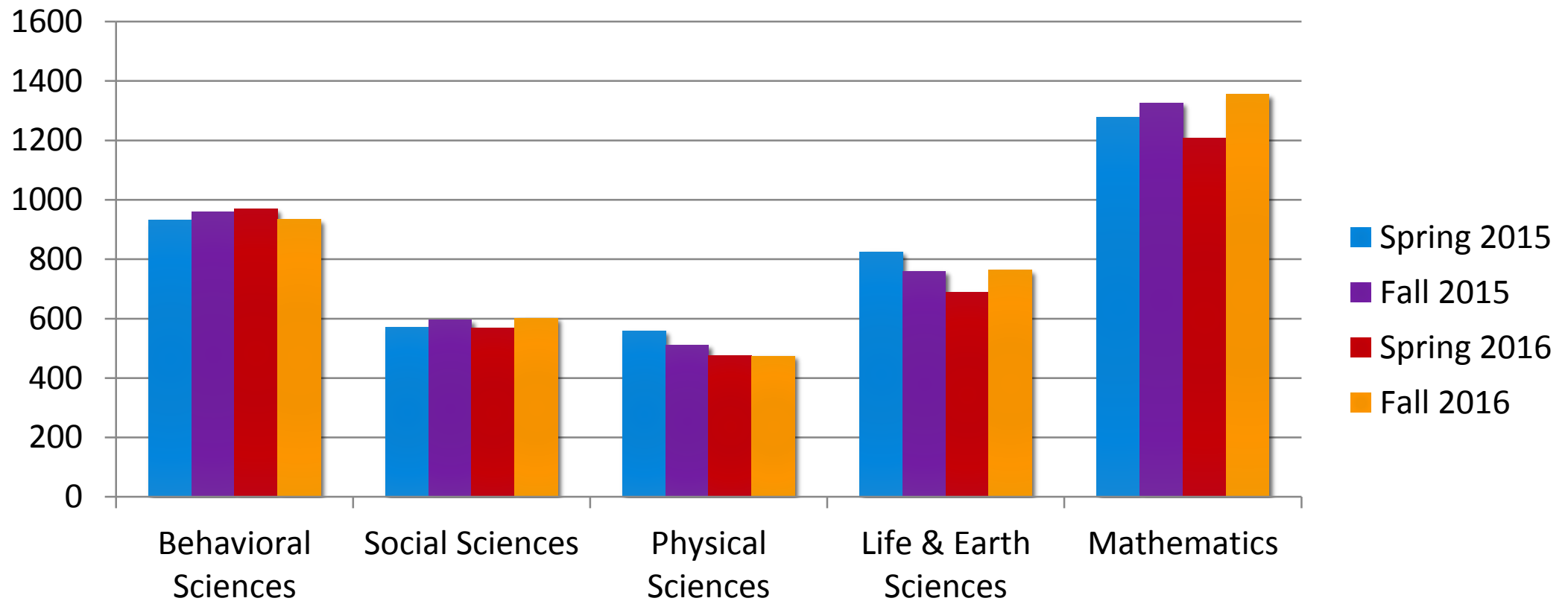
Life & Earth Sciences

- 9 FT Faculty
- 8 PT Faculty
- Biology Lab Coordinator
- 3 Lab Tech (2.42 FTE)
- 3 Hourly Staff

Mathematics

- 7 FT Faculty
- 16 PT Faculty
- 1 Math Laboratory Coordinator
- 2 Math IS (1.2 FTE)
- 4 Hourly Staff

Unduplicated Headcount across Departments



Fall 2013 – Spring 2016

Degree Type	# Degrees
AA Liberal Arts, Social & Behavioral Science	228
AA Liberal Arts, Natural Science	111
AA-T Psychology	38
AS Physical Science	21
AA-T Sociology	16
AA-T Political Science	15
AA Mathematics	9
AS Biology	8
AA-T Anthropology Transfer	5
AA-T Economics	2
AS-T Mathematics	2
AA Political Science	1
AS Computer Science	1
AS Engineering Transfer	1
AS Mechanical Engineering	1
AA-T Physics	1
Total	460



Major	# Transferring to 4-year institution as of Fall 2016
Anthropology Transfer	1
Behavioral Science	6
Biology	83
Chemistry	20
Computer Science	32
Engineering Technology	8
Engineering Transfer	34
Geology	9
History	1
Liberal Arts and Sciences	23
Mathematics	25
Mathematics Transfer	2
Natural Science	4
Physical Science	10
Physics	12
Physics Transfer	2
Political Science	18
Political Science AA-Transfer	12
Psychology	78
Social Science	8
Sociology	19

Fall 2013 - Spring 2016



Major Initiatives/Changes/PR Focus Areas

1. Removal of Math 85/95 out of the Math Department in the Math Skills Department (MASK)
2. Accelerated Math 101/103 Pilot Fall 2017
3. Engineering 110 at Terra Linda Spring 2017
4. Western Regional Human Anatomy and Physiology Society (HAPS) conference
5. American Association of University Women (AAUW) STEM Day
6. Multiple Measures

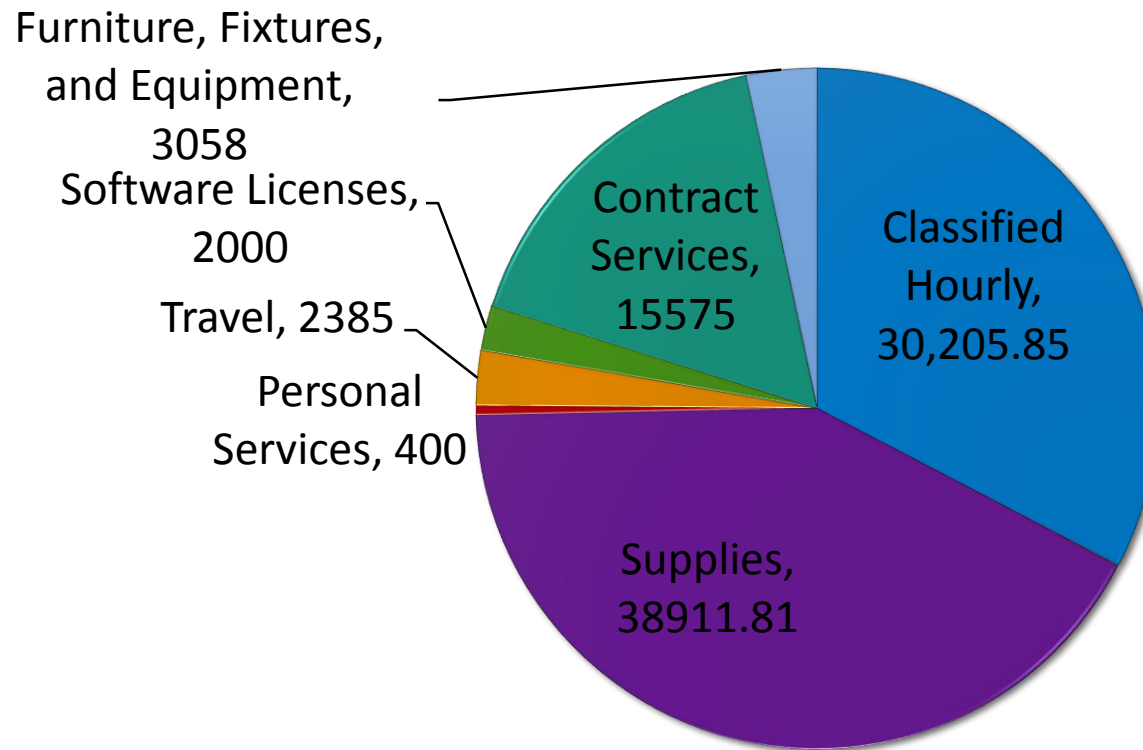
Planning Agenda

➤ Connection to Strategic Plan

- Initiative #2 supports Strategic Objective SA2.1: Decrease time to degree by at least one year for the first cohort of the three-year strategic plan.
- Initiative #2 supports Strategic Objective SS4.1: Increase percentage of students advancing from pre-college level course to college level courses by 2018.
- Initiative #3 supports Strategic Objective SA5.1: Increase dual enrollment of high school students by 15 percentage points per year during the three years of this plan.

Budget

(Total: 7,505,225)



Programmatic Needs

Instructional Equipment	Under 200	Between 200-500	Miscellaneous	Units/Staff	Technology
<ul style="list-style-type: none">• BIOL: 79,775• GEOG: 9,860• Physical Sciences: 24,000• Physics: 66,375• ENGG: 21,450• Total: 201,460 <ul style="list-style-type: none">• *Museum Cabinets: 163,375	<ul style="list-style-type: none">• GEOL: 3,574.24• BIOL: 4,060.4• Total: 7,634.64	<ul style="list-style-type: none">• BIOL: 4,636	<ul style="list-style-type: none">• GCMS Repair: 10,000• Physical Sciences: 10,350• GEOG: 1,000• ENGG: 50,000• Total: 71,350	<ul style="list-style-type: none">• BIOL: 7.98• GEO: 3• POLS: 3• ECON: 3• .5FTE Geog/Geol Lab Tech• Physics Hourly: 5,100• Math: 3,980• Math Pilot: 4,080• Total: 13,160	<ul style="list-style-type: none">• Physical Sciences: 7,600• Physics: 24,000• Total: 31,600

Summary

- ✓ **Main Takeaways**
 - ✓ **What we do:** We offer various degrees and transfer pathways
 - ✓ **Where we are headed:** Continuing to strengthen our community and high school partnerships in an effort to create a stronger pipeline of diverse students.
 - ✓ **What we need to get there:** Continued support through the allocation of resources
 - ✓ **Top Priorities:**
 - ✓ Increase the number of Degrees and Transfers
 - ✓ Decrease time to degree and transfer