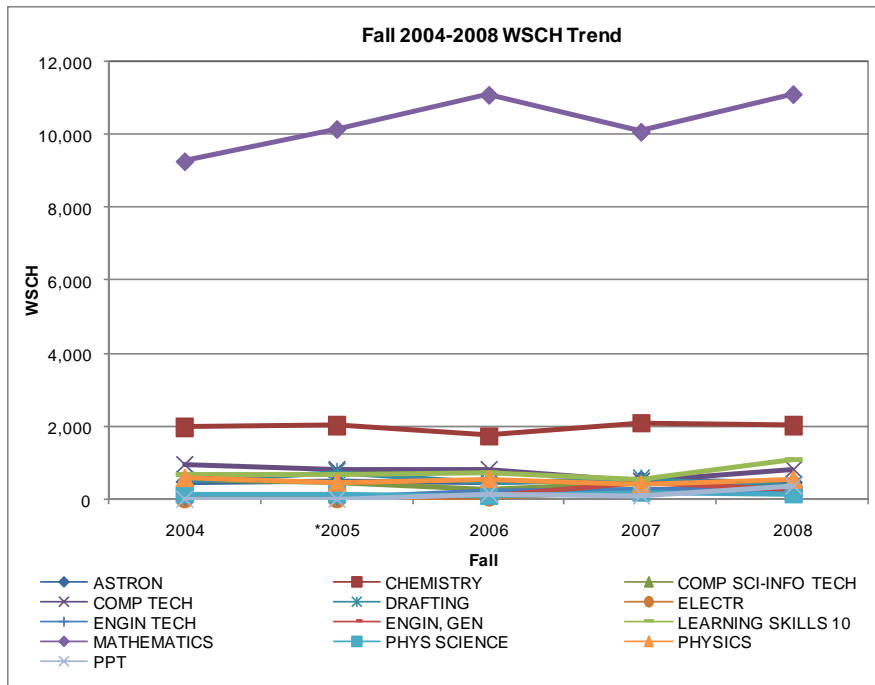


FALL 2004-2008 EFFICIENCY

MATH, PHYSICAL SCIENCE, AND TECHNOLOGY

| Math, Physical Science and Technology Division | WEEKLY STUDENT CONTACT HOURS | | | | |
|--|------------------------------|---------------|---------------|---------------|---------------|
| | 2004 | *2005 | 2006 | 2007 | 2008 |
| ASTRONOMY | 463 | 471 | 465 | 533 | 448 |
| <i>Annual % Change</i> | | 17% | -14% | 14.7% | -5.9% |
| CHEMISTRY | 1,989 | 2,042 | 1,754 | 2,096 | 2,031 |
| <i>Annual % Change</i> | | 2.7% | -14.1% | 19.5% | -3.1% |
| COMPUTER SCIENCE-INFO TECH | 529 | 455 | 293 | 438 | 318 |
| <i>Annual % Change</i> | | -14.1% | -35.6% | 49.5% | -27.4% |
| COMPUTER TECHNOLOGY | 955 | 836 | 822 | 493 | 830 |
| <i>Annual % Change</i> | | -12.5% | -1.6% | -40.0% | 68.4% |
| DRAFTING | 542 | 749 | 461 | 580 | 387 |
| <i>Annual % Change</i> | | 38.4% | -38.5% | 25.8% | -33.3% |
| ELECTRONICS | 3 | 16 | 67 | 219 | 273 |
| <i>Annual % Change</i> | | 418% | 308.4% | 226.9% | 24.7% |
| ENGINEERING GENERAL | 52 | 64 | 236 | 262 | 243 |
| <i>Annual % Change</i> | | 24.1% | 268.6% | 110% | -7.3% |
| ENGINEERING TECHNICIAN | 132 | 127 | 117 | 458 | 290 |
| <i>Annual % Change</i> | | -4.0% | -7.7% | 291.5% | -36.7% |
| LEARNING SKILLS 10 | 666 | 683 | 705 | 533 | 1,093 |
| <i>Annual % Change</i> | | 2.6% | 3.2% | -24.4% | 105.1% |
| MATHEMATICS | 9,279 | 10,153 | 11,079 | 10,078 | 11,099 |
| <i>Annual % Change</i> | | 9.4% | 9.1% | -9.0% | 10.1% |
| PHYS SCIENCE | 155 | 149 | 101 | 178 | 138 |
| <i>Annual % Change</i> | | -4.2% | -32.3% | 76.6% | -22.5% |
| PHYSICS | 576 | 447 | 546 | 400 | 530 |
| <i>Annual % Change</i> | | -22.5% | 22.3% | -26.7% | 32.5% |
| PROCESS PLANT TECHNOLOGY | 0 | 0 | 153 | 107 | 350 |
| <i>Annual % Change</i> | | | | -30.1% | 227.1% |
| Division Total | 15,342 | 16,192 | 16,799 | 16,375 | 18,031 |



*Fall 2005 may include PACE.

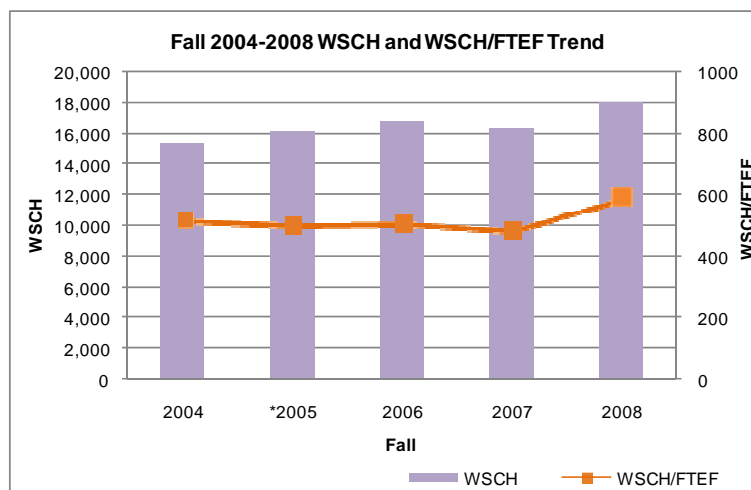
Source: Fall 2003-2005 and 2008 from LACCD Office of Institutional Research and Information (<http://research.laccd.edu/instructional-staffing/index.htm>).
Fall 2006-2007 from Business Warehouse (BW) Sections by Department (i21) and Sections by Discipline (i22) Reports.

FALL 2004-2008 EFFICIENCY

MATH, PHYSICAL SCIENCE, AND TECHNOLOGY

| Math, Physical Science and Technology Division | FACULTY (FULL-TIME EQUIVALENTS) | | | | | | |
|--|---------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | 2004 | *2005 | 2006 | 2007 | R 08 | H 08 | 2008 |
| ASTRONOMY | 0.6 | 0.6 | 0.6 | 0.8 | 0.2 | 0.4 | 0.6 |
| CHEMISTRY | 4.2 | 4.6 | 4.5 | 3.6 | 1.7 | 1.7 | 3.4 |
| COMPUTER SCIENCE-INFO TECH | 1.5 | 1.1 | 0.6 | 1.2 | 0.2 | 0.4 | 0.6 |
| COMPUTER TECHNOLOGY | 2.4 | 2.3 | 2.6 | 2.5 | 0.4 | 1.8 | 2.2 |
| DRAFTING | 2.4 | 3.0 | 2.2 | 2.2 | 1.3 | 0.0 | 1.3 |
| ELECTRONICS | 0.0 | 0.1 | 0.2 | 1.0 | 0.0 | 0.9 | 0.9 |
| ENGINEERING GENERAL | 0.2 | 0.5 | 0.4 | 0.5 | 0.2 | 0.2 | 0.4 |
| ENGINEERING TECHNICIAN | 0.2 | 0.2 | 0.4 | 1.2 | 0.2 | 0.4 | 0.7 |
| LEARNING SKILLS 10 | 1.5 | 1.0 | 0.7 | 0.6 | 0.2 | 0.7 | 0.9 |
| MATHEMATICS | 15.3 | 6.3 | 17.2 | 17.9 | 5.9 | 10.7 | 16.7 |
| PHYS SCIENCE | 0.3 | 0.3 | 0.7 | 0.3 | 0.2 | 0.0 | 0.2 |
| PHYSICS | 1.7 | 1.7 | 1.7 | 1.6 | 1.5 | 0.2 | 1.7 |
| PROCESS PLANT TECHNOLOGY | 0.0 | 0.0 | 1.3 | 0.2 | 0.0 | 0.7 | 0.7 |
| Division Total | 30.4 | 31.7 | 33.0 | 33.6 | 12.1 | 18.1 | 30.2 |

| Math, Physical Science and Technology Division | WSCH per FACULTY FTE | | | | |
|--|----------------------|------------|------------|------------|------------|
| | 2004 | *2005 | 2006 | 2007 | 2008 |
| ASTRONOMY | 772 | 785 | 775 | 667 | 746 |
| CHEMISTRY | 474 | 444 | 389 | 582 | 599 |
| COMPUTER SCIENCE-INFO TECH | 356 | 426 | 488 | 365 | 530 |
| COMPUTER TECHNOLOGY | 396 | 365 | 322 | 199 | 382 |
| DRAFTING | 223 | 253 | 210 | 264 | 287 |
| ELECTRONICS | | 287 | 335 | 219 | 317 |
| ENGINEERING GENERAL | 236 | 118 | 590 | 522 | 664 |
| ENGINEERING TECHNICIAN | 702 | 678 | 293 | 382 | 445 |
| LEARNING SKILLS 10 | 442 | 693 | 1,007 | 888 | 1,220 |
| MATHEMATICS | 608 | 622 | 644 | 564 | 666 |
| PHYS SCIENCE | 466 | 446 | 144 | 534 | 689 |
| PHYSICS | 332 | 258 | 315 | 250 | 306 |
| PROCESS PLANT TECHNOLOGY | | | 121 | 535 | 477 |
| Division Total | 521 | 505 | 511 | 488 | 597 |
| <i>COLLEGE AVERAGE</i> | | | | | <i>568</i> |
| <i>STATE TARGET</i> | | | | | <i>525</i> |



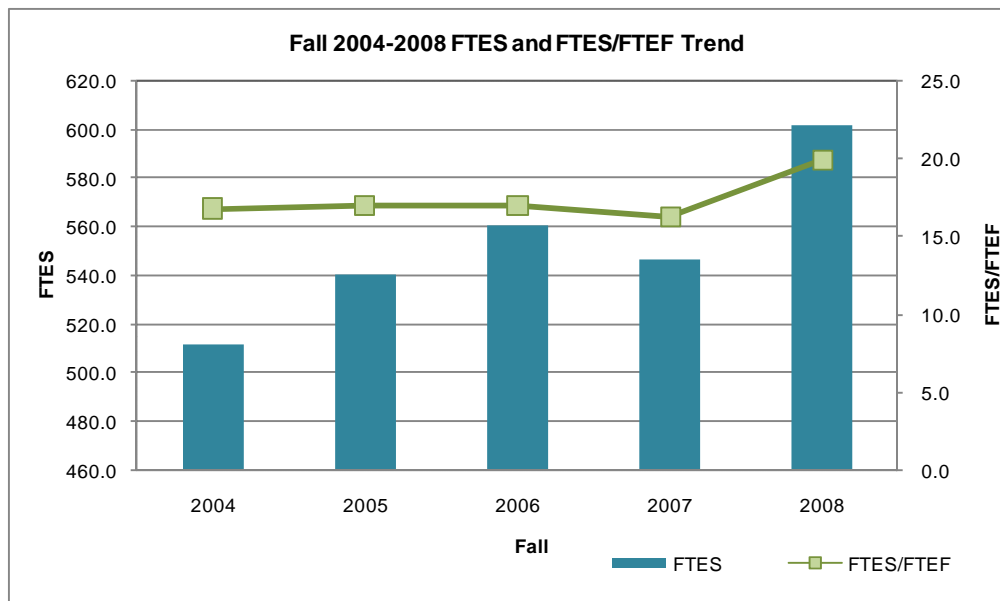
*Fall 2005 may include PACE.

Source: Fall 2003-2005 and 2008 from LACCD Office of Institutional Research and Information (<http://research.laccd.edu/instructional-staffing/index.htm>).
Fall 2006-2007 from Business Warehouse (BW) Sections by Department (i21) and Sections by Discipline (i22) Reports.

FALL 2004-2008 EFFICIENCY

MATH, PHYSICAL SCIENCE, AND TECHNOLOGY

| Math, Physical Science and Technology Division | FULL-TIME EQUIVALENT STUDENT | | | | |
|--|------------------------------|--------------|--------------|--------------|--------------|
| | 2004 | *2005 | 2006 | 2007 | 2008 |
| ASTRONOMY | 15.4 | 15.7 | 15.5 | 17.8 | 14.9 |
| <i>Annual % Change</i> | | 17% | -14% | 14.7% | -15.9% |
| CHEMISTRY | 66.3 | 68.1 | 58.5 | 69.9 | 67.7 |
| <i>Annual % Change</i> | | 2.7% | -14.1% | 19.5% | -3.1% |
| COMPUTER SCIENCE-INFO TECH | 17.6 | 15.2 | 9.8 | 14.6 | 10.6 |
| <i>Annual % Change</i> | | -14.1% | -35.6% | 49.5% | -27.4% |
| COMPUTER TECHNOLOGY | 31.8 | 27.9 | 27.4 | 16.4 | 27.7 |
| <i>Annual % Change</i> | | -12.5% | -16% | -40.0% | 68.4% |
| DRAFTING | 18.1 | 25.0 | 15.4 | 19.3 | 12.9 |
| <i>Annual % Change</i> | | 38.4% | -38.5% | 25.8% | -33.3% |
| ELECTRONICS | 0.1 | 0.5 | 2.2 | 7.3 | 9.1 |
| <i>Annual % Change</i> | | 4118% | 308.4% | 226.9% | 24.7% |
| ENGINEERING GENERAL | 4.4 | 4.2 | 3.9 | 8.7 | 8.1 |
| <i>Annual % Change</i> | | -4.0% | -7.7% | 123.1% | -6.9% |
| ENGINEERING TECHNICIAN | 1.7 | 2.1 | 7.9 | 15.3 | 9.7 |
| <i>Annual % Change</i> | | 24.1% | 268.6% | 94.5% | -36.8% |
| LEARNING SKILLS 10 | 22.2 | 22.8 | 23.5 | 17.8 | 36.4 |
| <i>Annual % Change</i> | | 2.6% | 3.2% | -24.4% | 105.1% |
| MATHEMATICS | 309.3 | 338.4 | 369.3 | 335.9 | 370.0 |
| <i>Annual % Change</i> | | 9.4% | 9.1% | -9.0% | 10.1% |
| PHYS SCIENCE | 5.2 | 5.0 | 3.4 | 5.9 | 4.6 |
| <i>Annual % Change</i> | | -4.2% | -32.3% | 76.6% | -22.5% |
| PHYSICS | 19.2 | 14.9 | 18.2 | 13.3 | 17.7 |
| <i>Annual % Change</i> | | -22.5% | 22.3% | -26.7% | 32.5% |
| PROCESS PLANT TECHNOLOGY | 0.0 | 0.0 | 5.1 | 3.6 | 11.7 |
| <i>Annual % Change</i> | | | | | 227.1% |
| Division Total | 511.4 | 539.7 | 560.0 | 545.8 | 601.0 |



*Fall 2005 may include PACE.

Source: Fall 2003-2005 and 2008 from LACCD Office of Institutional Research and Information (<http://research.laccd.edu/instructional-staffing/index.htm>).
Fall 2006-2007 from Business Warehouse (BW) Sections by Department (i21) and Sections by Discipline (i22) Reports.

FALL 2004-2008 EFFICIENCY

MATH, PHYSICAL SCIENCE, AND TECHNOLOGY

| Math, Physical Science and Technology Division | FTES per FACULTY FTE | | | | |
|---|----------------------|-------------|-------------|-------------|-------------|
| | 2004 | *2005 | 2006 | 2007 | 2008 |
| ASTRONOMY | 25.7 | 26.2 | 25.8 | 22.2 | 24.9 |
| CHEMISTRY | 15.8 | 14.8 | 13.0 | 21.8 | 20.0 |
| COMPUTER SCIENCE-INFO TECH | 11.8 | 14.2 | 16.3 | 12.2 | 17.7 |
| COMPUTER TECHNOLOGY | 13.2 | 12.2 | 10.7 | 6.6 | 12.7 |
| DRAFTING | 7.4 | 8.3 | 7.0 | 8.9 | 9.6 |
| ELECTRONICS | | 9.6 | 11.2 | 7.3 | 10.6 |
| ENGINEERING GENERAL | 20.0 | 8.4 | 9.8 | 17.4 | 22.1 |
| ENGINEERING TECHNICIAN | 9.1 | 11.2 | 19.7 | 12.7 | 14.8 |
| LEARNING SKILLS 10 | 14.8 | 22.8 | 33.6 | 29.6 | 40.7 |
| MATHEMATICS | 20.3 | 20.7 | 21.5 | 18.8 | 22.2 |
| PHYS SCIENCE | 15.5 | 14.9 | 4.8 | 17.8 | 23.0 |
| PHYSICS | 11.1 | 8.6 | 10.5 | 8.3 | 10.2 |
| PROCESS PLANT TECHNOLOGY | | | 4.0 | 17.8 | 15.9 |
| Division Total | 16.8 | 17.0 | 17.0 | 16.3 | 19.9 |
| COLLEGE AVERAGE | | | | | 18.9 |

| Math, Physical Science and Technology Division | Class Size | | | | |
|---|-------------|-------------|-------------|-------------|-------------|
| | 2004 | *2005 | 2006 | 2007 | 2008 |
| ASTRONOMY | 51.5 | 52.4 | 51.6 | 44.4 | 49.8 |
| CHEMISTRY | 31.6 | 29.6 | 25.9 | 38.8 | 39.9 |
| COMPUTER SCIENCE-INFOR TECH | 23.7 | 28.4 | 32.5 | 24.3 | 35.3 |
| COMPUTER TECHNOLOGY | 37.5 | 24.3 | 31.6 | 13.3 | 25.5 |
| DRAFTING | 14.8 | 16.8 | 14.0 | 17.6 | 19.1 |
| ELECTRONICS | | 19.1 | 22.3 | 14.6 | 21.0 |
| ENGINEERING GENERAL | 15.8 | 7.9 | 39.3 | 34.8 | 44.2 |
| ENGINEERING TECHNICIAN | 46.8 | 45.2 | 19.5 | 25.4 | 29.7 |
| LEARNING SKILLS 10 | 19.1 | 46.2 | 67.1 | 59.2 | 81.4 |
| MATHEMATICS | 40.5 | 41.4 | 42.9 | 37.6 | 44.4 |
| PHYS SCIENCE | 31.1 | 29.8 | 9.6 | 35.6 | 45.9 |
| PHYSICS | 22.2 | 17.2 | 21.0 | 16.7 | 20.4 |
| PROCESS PLANT TECHNOLOGY | | | 8.1 | 35.7 | 31.9 |
| Division Total | 34.2 | 34.1 | 35.2 | 32.5 | 39.8 |
| COLLEGE AVERAGE | | | | | 37.6 |

*Fall 2005 may include PACE.

Source: Fall 2003-2005 and 2008 from LACCD Office of Institutional Research and Information (<http://research.laccd.edu/instructional-staffing/index.htm>).
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