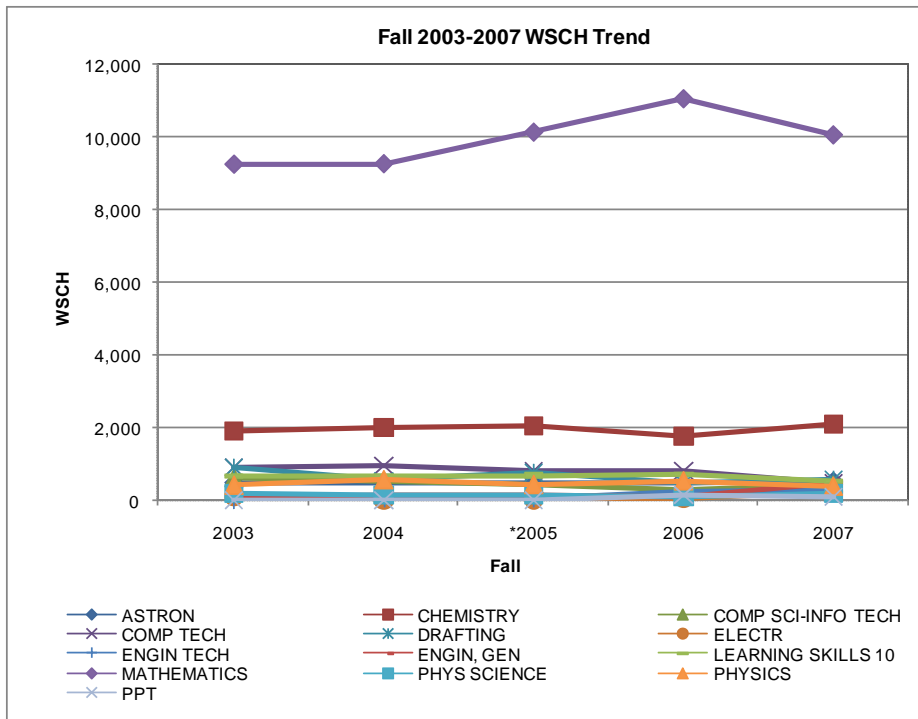


# FALL 2003-2007 EFFICIENCY

## MATH, PHYSICAL SCIENCE, AND TECHNOLOGY

Math, Physical Science and Technology Division	WEEKLY STUDENT CONTACT HOURS				
	2003	2004	*2005	2006	2007
ASTRONOMY	484	463	471	465	533
<i>Annual % Change</i>		-4.3%	1.7%	-1.4%	14.7%
CHEMISTRY	1,891	1,989	2,042	1,754	2,096
<i>Annual % Change</i>		5.2%	2.7%	-14.1%	19.5%
COMPUTER SCIENCE-INFO TECH	628	529	455	293	438
<i>Annual % Change</i>		-15.8%	-14.1%	-35.6%	49.6%
COMPUTER TECHNOLOGY	923	955	836	822	493
<i>Annual % Change</i>		3.5%	-12.5%	-1.6%	-40.0%
DRAFTING	914	542	749	461	580
<i>Annual % Change</i>		-40.8%	38.4%	-38.5%	25.8%
ELECTRONICS	76	3	16	67	219
<i>Annual % Change</i>		-95.8%	418.8%	308.4%	226.9%
ENGINEERING GENERAL	19	52	64	236	262
<i>Annual % Change</i>		168.1%	24.1%	268.6%	11.0%
ENGINEERING TECHNICIAN	98	132	127	117	458
<i>Annual % Change</i>		34.1%	-4.0%	-7.5%	290.9%
LEARNING SKILLS 10	681	666	683	705	533
<i>Annual % Change</i>		-2.2%	2.6%	3.2%	-24.4%
MATHEMATICS	9,264	9,279	10,153	11,079	10,078
<i>Annual % Change</i>		0.2%	9.4%	9.1%	-9.0%
PHYS SCIENCE	185	155	149	101	178
<i>Annual % Change</i>		-16.2%	-4.2%	-32.3%	76.6%
PHYSICS	429	576	447	546	400
<i>Annual % Change</i>		34.3%	-22.5%	22.3%	-26.7%
PROCESS PLANT TECHNOLOGY	0	0	0	153	107
<i>Annual % Change</i>					-30.1%
<b>Division Total</b>	<b>15,594</b>	<b>15,342</b>	<b>16,192</b>	<b>16,799</b>	<b>16,375</b>



\*Fall 2005 may include PACE.

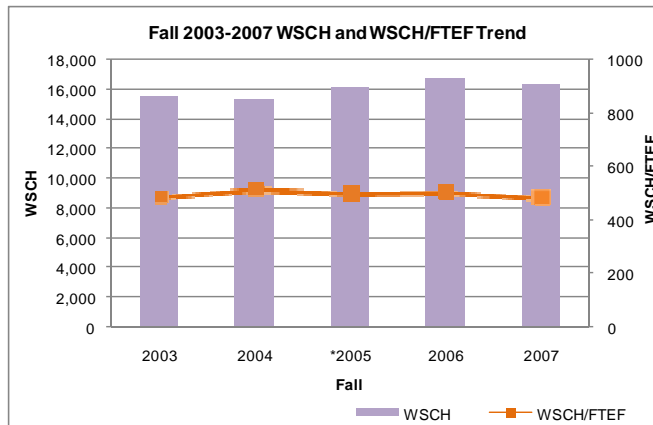
Source: Fall 2003-2005 from LACCD Office of Institutional Research and Information (<http://research.laccd.edu/instructional-staffing/index.htm>).  
Fall 2006-2007 from Business Warehouse (BW) Sections by Department (i21) and Sections by Discipline (i22) Reports.

# FALL 2003-2007 EFFICIENCY

## MATH, PHYSICAL SCIENCE, AND TECHNOLOGY

Math, Physical Science and Technology Division	FACULTY (FULL-TIME EQUIVALENTS)						
	2003	2004	*2005	2006	R 07	H 07	2007
ASTRONOMY	0.60	0.60	0.60	0.60	0.20	0.60	0.80
CHEMISTRY	3.60	4.20	4.60	4.51	2.00	1.60	3.60
COMPUTER SCIENCE-INFO TECH	1.40	1.50	1.07	0.60	0.40	0.80	1.20
COMPUTER TECHNOLOGY	2.26	2.41	2.29	2.55	0.47	2.00	2.47
DRAFTING	3.70	2.43	3.00	2.20	2.00	0.20	2.20
ELECTRONICS	0.26	0.00	0.06	0.20	0.00	1.00	1.00
ENGINEERING GENERAL	0.05	0.22	0.50	0.40	0.30	0.20	0.50
ENGINEERING TECHNICIAN	0.17	0.19	0.19	0.40	0.53	0.67	1.20
LEARNING SKILLS 10	1.00	1.50	1.00	0.70	0.20	0.40	0.60
MATHEMATICS	14.87	15.27	16.33	17.20	7.29	10.57	17.86
PHYS SCIENCE	0.33	0.33	0.33	0.70	0.33	0.00	0.33
PHYSICS	1.73	1.73	1.73	1.73	1.53	0.07	1.60
PROCESS PLANT TECHNOLOGY	0.00	0.00	0.00	1.26	0.00	0.20	0.20
<b>Division Total</b>	<b>29.90</b>	<b>30.44</b>	<b>31.70</b>	<b>33.00</b>	<b>15.27</b>	<b>18.31</b>	<b>33.57</b>

Math, Physical Science and Technology Division	WSCH per FACULTY FTE				
	2003	2004	*2005	2006	2007
ASTRONOMY	807	772	785	775	667
CHEMISTRY	525	474	444	389	582
COMPUTER SCIENCE-INFO TECH	449	356	426	488	365
COMPUTER TECHNOLOGY	409	396	365	322	199
DRAFTING	249	223	253	210	264
ELECTRONICS	296		287	335	219
ENGINEERING GENERAL	388	236	118	590	522
ENGINEERING TECHNICIAN	587	702	678	293	382
LEARNING SKILLS 10	681	442	693	1,007	888
MATHEMATICS	623	608	622	644	564
PHYS SCIENCE	556	466	446	144	534
PHYSICS	248	332	258	315	250
PROCESS PLANT TECHNOLOGY				121	535
<b>Division Total</b>	<b>493</b>	<b>521</b>	<b>505</b>	<b>511</b>	<b>488</b>
<b>COLLEGE AVERAGE</b>					<b>463</b>
<b>STATE TARGET</b>					<b>525</b>



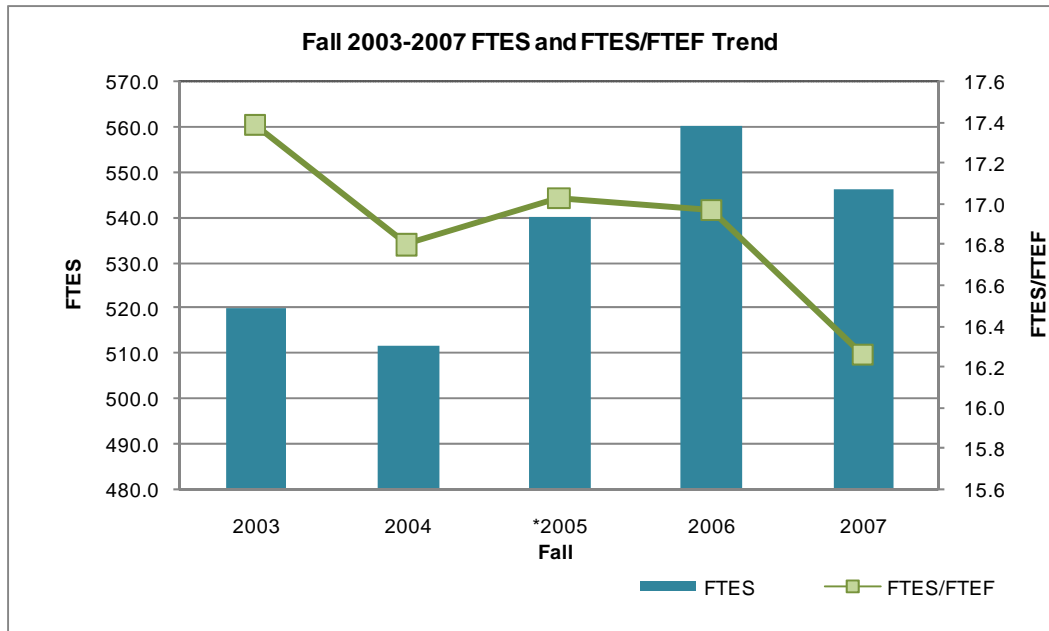
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Source: Fall 2003-2005 from LACCD Office of Institutional Research and Information (<http://research.laccd.edu/instructional-staffing/index.htm>).  
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# FALL 2003-2007 EFFICIENCY

## MATH, PHYSICAL SCIENCE, AND TECHNOLOGY

Math, Physical Science and Technology Division	FULL-TIME EQUIVALENT STUDENT				
	2003	2004	*2005	2006	2007
ASTRONOMY	16.1	15.4	15.7	15.5	17.8
<i>Annual % Change</i>		-4.3%	1.7%	-1.4%	14.7%
CHEMISTRY	63.0	66.3	68.1	58.5	69.9
<i>Annual % Change</i>		5.2%	2.7%	-14.1%	19.5%
COMPUTER SCIENCE-INFO TECH	20.9	17.6	15.2	9.8	14.6
<i>Annual % Change</i>		-15.8%	-14.1%	-35.6%	49.6%
COMPUTER TECHNOLOGY	30.8	31.8	27.9	27.4	16.4
<i>Annual % Change</i>		3.5%	-12.5%	-1.6%	-40.0%
DRAFTING	30.5	18.1	25.0	15.4	19.3
<i>Annual % Change</i>		-40.8%	38.4%	-38.5%	25.8%
ELECTRONICS	2.5	0.1	0.5	2.2	7.3
<i>Annual % Change</i>		-95.8%	411.8%	308.4%	226.9%
ENGINEERING GENERAL	3.3	4.4	4.2	3.9	8.7
<i>Annual % Change</i>		34.1%	-4.0%	-7.5%	23.6%
ENGINEERING TECHNICIAN	0.6	1.7	2.1	7.9	15.3
<i>Annual % Change</i>		168.1%	24.1%	268.6%	94.1%
LEARNING SKILLS 10	22.7	22.2	22.8	23.5	17.8
<i>Annual % Change</i>		-2.2%	2.6%	3.2%	-24.4%
MATHEMATICS	308.8	309.3	338.4	369.3	335.9
<i>Annual % Change</i>		0.2%	9.4%	9.1%	-9.0%
PHYS SCIENCE	6.2	5.2	5.0	3.4	5.9
<i>Annual % Change</i>		-16.2%	-4.2%	-32.3%	76.6%
PHYSICS	14.3	19.2	14.9	18.2	13.3
<i>Annual % Change</i>		34.3%	-22.5%	22.3%	-26.7%
PROCESS PLANT TECHNOLOGY	0.0	0.0	0.0	5.1	3.6
<i>Annual % Change</i>					-30.1%
<b>Division Total</b>	<b>519.8</b>	<b>511.4</b>	<b>539.7</b>	<b>560.0</b>	<b>545.8</b>



\*Fall 2005 may include PACE.

Source: Fall 2003-2005 from LACCD Office of Institutional Research and Information (<http://research.laccd.edu/instructional-staffing/index.htm>).  
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## FALL 2003-2007 EFFICIENCY

### MATH, PHYSICAL SCIENCE, AND TECHNOLOGY

Math, Physical Science and Technology Division	FTES per FACULTY FTE				
	2003	2004	*2005	2006	2007
ASTRONOMY	26.9	25.7	26.2	25.8	22.2
CHEMISTRY	17.5	15.8	14.8	13.0	21.8
COMPUTER SCIENCE-INFO TECH	15.0	11.8	14.2	16.3	12.2
COMPUTER TECHNOLOGY	13.6	13.2	12.2	10.7	6.6
DRAFTING	8.2	7.4	8.3	7.0	8.9
ELECTRONICS	9.9		9.6	11.2	7.3
ENGINEERING GENERAL	66.2	20.2	8.4	9.8	17.4
ENGINEERING TECHNICIAN	3.8	9.1	11.4	19.7	12.7
LEARNING SKILLS 10	22.7	14.8	22.8	33.6	29.6
MATHEMATICS	20.8	20.3	20.7	21.5	18.8
PHYS SCIENCE	18.5	15.5	14.9	4.8	17.8
PHYSICS	8.3	11.1	8.6	10.5	8.3
PROCESS PLANT TECHNOLOGY				4.0	17.8
<b>Division Total</b>	<b>17.4</b>	<b>16.8</b>	<b>17.0</b>	<b>17.0</b>	<b>16.3</b>
<b>COLLEGE AVERAGE</b>					<b>15.4</b>

Math, Physical Science and Technology Division	Class Size				
	2003	2004	*2005	2006	2007
ASTRONOMY	53.8	51.5	52.4	51.6	44.4
CHEMISTRY	35.0	31.6	29.6	25.9	38.8
COMPUTER SCIENCE-INFOR TECH	29.9	23.7	28.4	32.5	24.3
COMPUTER TECHNOLOGY	27.7	37.5	24.3	31.6	13.3
DRAFTING	16.7	14.8	16.8	14.0	17.6
ELECTRONICS	20.7		19.1	22.3	14.6
ENGINEERING GENERAL	34.5	15.8	7.9	39.3	34.8
ENGINEERING TECHNICIAN	39.2	46.8	45.2	19.5	25.4
LEARNING SKILLS 10	45.4	19.1	46.2	67.1	59.2
MATHEMATICS	42.5	40.5	41.4	42.9	37.6
PHYS SCIENCE	37.1	31.1	29.8	9.6	35.6
PHYSICS	16.5	22.2	17.2	21.0	16.7
PROCESS PLANT TECHNOLOGY				8.1	35.7
<b>Division Total</b>	<b>36.7</b>	<b>34.2</b>	<b>34.1</b>	<b>35.2</b>	<b>32.5</b>
<b>COLLEGE AVERAGE</b>					<b>31.2</b>

\*Fall 2005 may include PACE.

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