OAKLAND
COMMUNITY
COLLEGE

# CREDIT HOUR TRENDS REPORT
# (1988-89 THROUGH 1997-98)


***Prepared by:***

***The Office of Institutional Research***
***Oakland Community College***

***March 1999***

# Oakland Community College
# Credit Hour Trends Report
# (1988-89 through 1997-98)
# Major Findings

Each year the Office of Institutional Research prepares the Credit Hour Trends report, based on data submitted to the Michigan Department of Education in the ACS-6 report (Activities Classification Structure). The Credit Hour Trends report examines enrollment trends of OCC disciplines, based on course prefix codes and "curriculum clusters."

This report depicts the five and ten year trends in annual credit hours generated, trends in the changing rate of enrollment college-wide and by curriculum cluster, and the top credit hour generating disciplines.

Highlights from this year's report include:

- Total student credit hour levels have decreased for the sixth consecutive year. In the 1991-92 academic year, the number of student credit hours (SCH) peaked with 532,100 (SCH) generated college-wide. By AY 1997-98 total SCH had decreased by nearly 19% from this high, for a total of 431,521 total SCH.

- While the total number of student credit hours continues to decline, the rate of decline has lessened since the 1994-95 academic year. For example in AY 1994-95 the total number of student credit hours had declined nearly 6% from the previous year, whereas in AY 1995-96 the total SCH declined approximately 4% from the previous year. Rates of decline were 1.7% and 2.7% for AY 1996-97 and 1997-98, respectively.

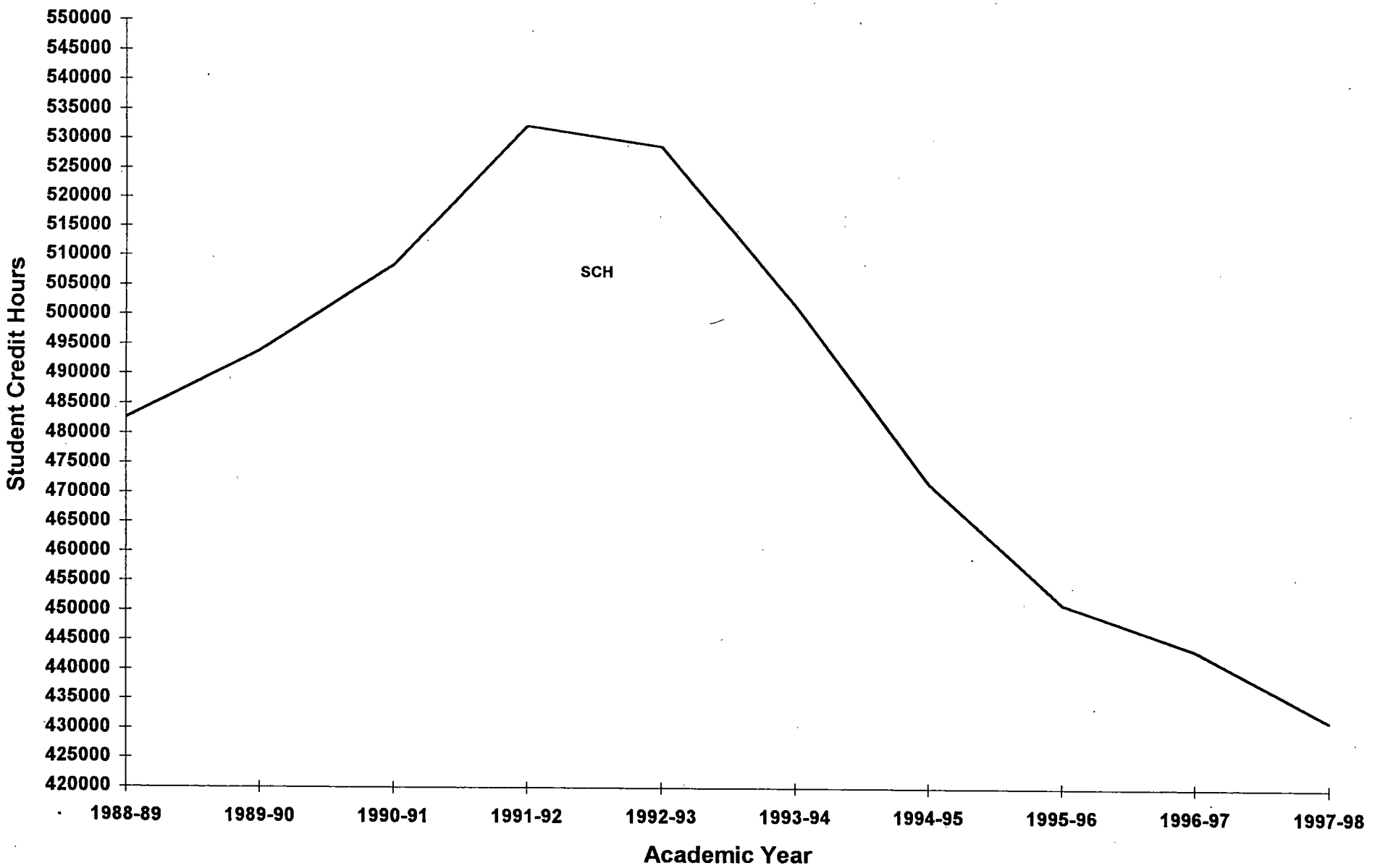
- In 1997-98, ten disciplines out of 111 generated more than 10,000 student credit hours. The "Top Five" SCH-generating disciplines are Mathematics (MAT), English (ENG), Computer Information Systems (CIS), Psychology (PSY), and Biology (BIO).

- 55 disciplines out of 111 generated less than 1,000 SCH in 1997-98.

- In the past five years, 28 disciplines increased the number of SCH generated. In the past ten years, 38 disciplines increased the number of SCH generated.

- In order to provide a broader understanding of enrollment trends in various disciplines, course prefix codes are grouped into eight curriculum clusters. The three largest curriculum clusters are Math & Sciences (generating 24% of the college's total SCH), Humanities & Language (generating 21% of the college's total SCH), and Social Sciences (generating 17% of the college's total SCH).

# Oakland Community College
# Ten Year Trend in Student Credit Hours
# College-wide Totals
# (1988-89 through 1997-98)




Source: OCC, Office of Institutional Research (ACS-6)

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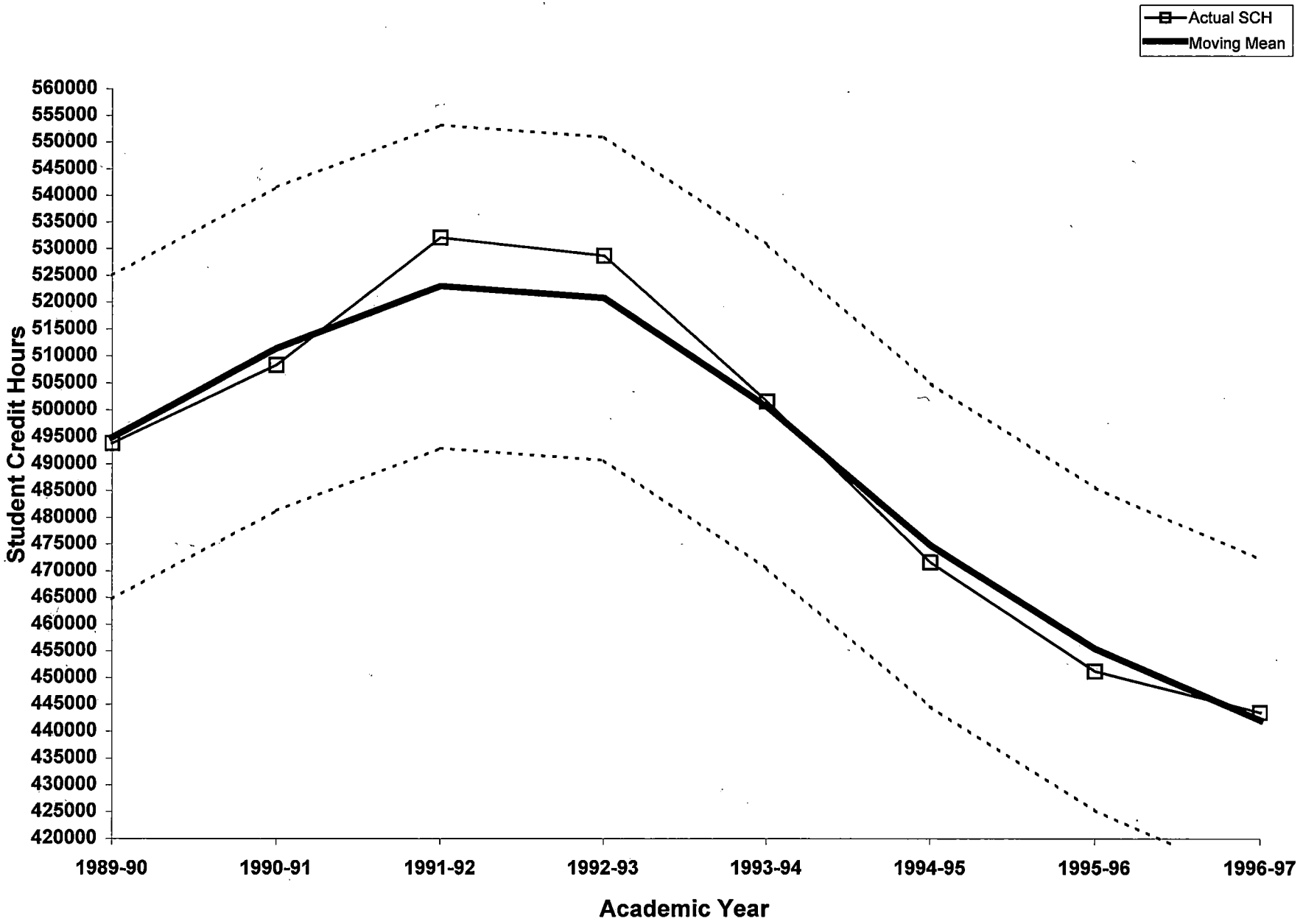
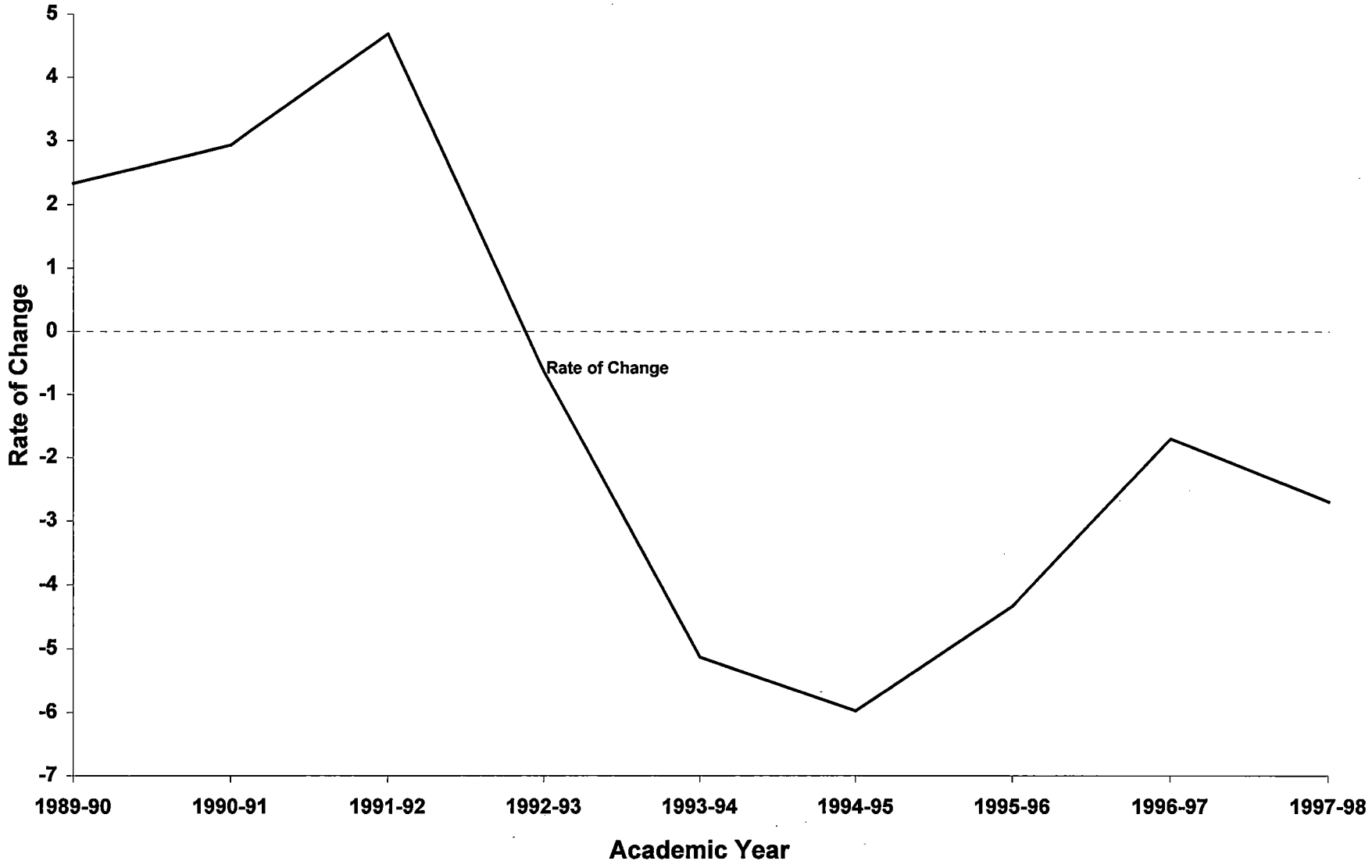
# Oakland Community College
# 3 Year Moving Mean
# Collegewide
# (1989-90 through 1996-97)



# Oakland Community College
# Rate of Change in Student Credit Hours
# College-wide Totals
# (1989-90 through 1997-98)




Source: OCC, Office of Institutional Research (ACS-6)

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# Oakland Community College
## Student Credit Hours
## Sorted by Total Student Credit Hours
## (1997-98)

| Course Prefix | Description | 1997-98 SCH | 5- Year % Change | 10 Year % Change |
|---|---|---|---|---|
| MAT | Mathematics | 63,930 | -12 | -4 |
| ENG | English | 48,022 | -25 | -16 |
| CIS | Computer Information Systems | 34,198 | 21 | 54 |
| PSY | Psychology | 20,853 | -21 | -22 |
| BIO | Biology | 18,113 | -31 | 4 |
| BUS | Business Administration | 16,394 | -16 | -35 |
| POL | Political Science | 14,652 | -20 | -24 |
| ACC | Accounting | 13,701 | -20 | -40 |
| HIS | History | 11,901 | 0 | -6 |
| ART | Art | 10,593 | -10 | -3 |
| ECO | Economics | 9,732 | -19 | -32 |
| ESL | English as a Second Language | 9,165 | 2,010 | 3,174 |
| HUM | Humanities | 8,904 | -20 | -24 |
| SOC | Sociology | 8,790 | -22 | -26 |
| CHE | Chemistry | 8,330 | -32 | 3 |
| PER | Physical Education | 7,868 | -30 | -12 |
| NUR | Nursing | 7,336 | 14 | 31 |
| CAD | Computer Aided Design | 7,315 | 14 | 102 |
| SPA | Spanish | 6,456 | 34 | 102 |
| PHI | Philosophy | 5,904 | 12 | 37 |
| SPE | Speech | 5,393 | -22 | 6 |
| PLS | Law Enforcement | 5,063 | -13 | 4 |
| BIS | Business Information Systems | 4,730 | -22 | -49 |
| PHO | Photography | 4,620 | 23 | |
| PHY | Physics | 3,794 | -13 | 48 |
| GSC | General Science | 3,352 | -12 | 15 |
| FST | Food Service | 2,704 | -32 | -41 |
| DDT | Drafting and Design Technology | 2,580 | -8 | -13 |
| CSC | Community Service Course | 2,450 | -57 | -76 |
| MUS | Music | 2,386 | 8 | -17 |
| HEA | Health | 2,337 | -39 | 10 |
| PAS | Police Academy Science | 2,299 | 38 | 2 |
| ECD | Early Childhood Development | 2,190 | 36 | 116 |
| SSC | Social Science | 2,142 | -41 | -64 |
| LSC | Life Science | 1,976 | -21 | -31 |
| MHA | Mental Health | 1,914 | -12 | -19 |
| MKT | Marketing | 1,815 | -11 | -46 |
| FRE | French | 1,792 | -12 | -15 |
| FTI | Fire Technical Institute | 1,758 | -55 | 6 |
| EMT | Emergency Medical Technology | 1,710 | 15 | 149 |
| CER | Ceramics | 1,655 | 12 | -11 |
| BPI | Theatre | 1,634 | -51 | -- |
| ANT | Anthropology | 1,629 | -18 | 30 |
| THE | Theatre | 1,487 | 10 | 10 |
| MED | Medical Technology | 1,461 | -47 | -22 |
| LGL | Legal Assisting | 1,375 | -15 | 50 |
| LST | Landscape Technology | 1,321 | -8 | -34 |
| MTS | Manufacturing Technolgical Service | 1,301 | -- | -- |
| EEC | Electrical/Electronics Technology | 1,299 | -21 | -- |

# Oakland Community College
# Student Credit Hours
# Sorted by Total Student Credit Hours
# (1997-98)

| Course Prefix | Description | SCH | Change | Change |
|---|---|---|---|---|
| IIC | Individualized Instruction Center | 1,220 | -27 | 202 |
| ATA | Automobile Servicing | 1,220 | -33 | -37 |
| FSH | Foundations of Humanities | 1,144 | -43 | -65 |
| DHY | Dental Hygiene | 1,124 | 4 | -2 |
| GER | German | 1,092 | -16 | 21 |
| ROB | Robotics/Automated Systems Technolgy | 1,076 | -1 | -17 |
| CNS | Counseling | 1,046 | -16 | -34 |
| MDA | Medical Assisting | 981 | -5 | 69 |
| EXL | Exercise Science & Technology | 925 | -17 | 53 |
| EGR | Pre-Engineering | 925 | 3 | 48 |
| GCA | Graphics/Commercial Art | 883 | -36 | -64 |
| TER | Climate Control | 828 | -47 | -53 |
| ARC | Architecture | 817 | -12 | -12 |
| RAD | Radiologic Technology | 792 | 26 | -- |
| DMS | Diagnostic Medical Sonography | 766 | -8 | -20 |
| RSP | Respiratory Therapy | 731 | -10 | 7 |
| JPN | Japanese | 696 | -26 | -- |
| ECT | Computer Hardware Engineering Technology | 688 | -32 | 12 |
| GEO | Geography | 657 | 33 | 61 |
| ISC | Instructional Sport Camps | 623 | 5 | 81 |
| CEC | Continuing Education | 623 | -2 | -- |
| ATW | Welding and Fabricating Technology | 597 | 59 | 51 |
| VBT | Vehicle Body | 562 | -48 | -54 |
| SLS | Sign Language Studies | 558 | -23 | -27 |
| MEC | Mechanical Technology | 549 | -14 | 10 |
| FFT | Fire Fighter Technology | 528 | -30 | -- |
| APM | Apprentice Pattern Maker | 480 | 58 | 10 |
| HCA | Health Care Administration | 458 | -16 | -14 |
| ATM | Machine Tool Technology | 431 | -62 | -59 |
| ADT | Automobile Drawing | 378 | 138 | 563 |
| FSN | Foundational Studies of Natural Science | 376 | -27 | -48 |
| ATF | Fluid Power Technology | 348 | 6 | -3 |
| HPT | Hospital Pharmacy Technology | 342 | -42 | 1 |
| FLT | Aviation Flight Technology | 313 | -63 | -65 |
| DSB | Police Academy | 300 | -1 | 35 |
| CIM | Computer Integrated Manufacturing | 292 | -4 | -28 |
| LIB | Library Technical Services | 291 | -1 | 165 |
| ETT | Electrical Trades Technology | 290 | 100 | -85 |
| BTC | Business Technology Center | 288 | -- | -- |
| ITA | Italian | 288 | -- | -- |
| ELT | Electronics Technology | 279 | -30 | -68 |
| EDU | Education | 270 | 3 | 53 |
| FSS | Foundations of Behaviorial and Social Science | 260 | -55 | -71 |
| APP | Pre-Apprentice | 256 | 8 | -9 |
| GRN | Gerontology | 231 | -68 | -55 |
| PSC | Physical Science | 216 | 23 | 145 |
| APD | Apprentice Drafting | 156 | -40 | -82 |
| APT | Apprentice Tinsmith | 153 | -31 | -53 |
| TED | Pre-Apprentice Drafting | 138 | -44 | -73 |
| IND | Industrial Sciences | 93 | -82 | -74 |

Source: OCC, Office of Institutional Research (ACS-6)

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# Oakland Community College
# Student Credit Hours
# Sorted by Total Student Credit Hours
# (1997-98)

| Course Prefix | Description | SCH | Change | Change |
|---|---|---|---|---|
| WOD | Woodworking | 90 | -9 | -47 |
| KEH | Kindergarten, Elementary, High School Ed | 88 | 1,668 | -95 |
| DEN | Dental Assisting | 84 | 4 | -10 |
| QAT | Quality Assurance Technology | 81 | -69 | -78 |
| ARB | Arabic | 72 | -- | -- |
| AET | Alternate Energies | 68 | -35 | -69 |
| RET | Retailing | 60 | -91 | -87 |
| DRT | Drafting | 42 | -- | -- |
| EPT | Engineering Physical Test | 15 | -- | -- |
| MDB | Management Develpment Busin | 10 | -- | -- |
| COM | Communications | 6 | -99 | -100 |
| JOR | Journalism | 3 | -98 | -99 |

# Oakland Community College
## Student Credit Hours
## Sorted by Five Year Percent Change
## (1993-94 through 1997-98)

| Course Prefix | Description | 1997-98 SCH | 5- Year % Change | 10 Year % Change |
|---|---|---|---|---|
| ESL | English as a Second Language | 9,165 | 2,010 | 3,174 |
| KEH | Kindergarten, Elementary, High School Ed. | 88 | 1,668 | -95 |
| ADT | Automobile Drawing | 378 | 138 | 563 |
| ETT | Electrical Trades Technology | 290 | 100 | -85 |
| ATW | Welding and Fabricating Technology | 597 | 59 | 51 |
| APM | Apprentice Pattern Maker | 480 | 58 | 10 |
| PAS | Police Academy Science | 2,299 | 38 | 2 |
| ECD | Early Childhood Development | 2,190 | 36 | 116 |
| SPA | Spanish | 6,456 | 34 | 102 |
| GEO | Geography | 657 | 33 | 61 |
| RAD | Radiologic Technology | 792 | 26 | -- |
| PSC | Physical Science | 216 | 23 | 145 |
| PHO | Photography | 4,620 | 23 | -- |
| CIS | Computer Information Systems | 34,198 | 21 | 54 |
| EMT | Emergency Medical Technology | 1,710 | 15 | 149 |
| CAD | Computer Aided Design | 7,315 | 14 | 102 |
| NUR | Nursing | 7,336 | 14 | 31 |
| CER | Ceramics | 1,655 | 12 | -11 |
| PHI | Philosophy | 5,904 | 12 | 37 |
| THE | Theatre | 1,487 | 10 | 10 |
| APP | Pre-Apprentice | 256 | 8 | -9 |
| MUS | Music | 2,386 | 8 | -17 |
| ATF | Fluid Power Technology | 348 | 6 | -3 |
| ISC | Instructional Sport Camps | 623 | 5 | 81 |
| DHY | Dental Hygiene | 1,124 | 4 | -2 |
| DEN | Dental Assisting | 84 | 4 | -10 |
| EDU | Education | 270 | 3 | 53 |
| EGR | Pre-Engineering | 925 | 3 | 48 |
| HIS | History | 11,901 | 0 | -6 |
| LIB | Library Technical Services | 291 | -1 | 165 |
| ROB | Robotics Technology | 1,076 | -1 | -17 |
| DSB | Police Academy | 300 | -1 | 35 |
| CEC | Continuing Education | 623 | -2 | -- |
| CIM | Computer Integrated Manufacturing | 292 | -4 | -28 |
| MDA | Medical Assisting | 981 | -5 | 69 |
| LST | Landscape Technology | 1,321 | -8 | -34 |
| DMS | Diagnostic Medical Sonography | 766 | -8 | -20 |
| DDT | Drafting Design Technology | 2,580 | -8 | -13 |
| WOD | Woodworking | 90 | -9 | -47 |
| ART | Art | 10,593 | -10 | -3 |
| RSP | Respiratory Therapy | 731 | -10 | 7 |
| MKT | Marketing | 1,815 | -11 | -46 |
| MAT | Mathematics | 63,930 | -12 | -4 |
| ARC | Architecture | 817 | -12 | -12 |
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# Oakland Community College
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# Sorted by Five Year Percent Change
# (1993-94 through 1997-98)

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|---|---|---|---|---|
| PHY | Physics | 3,794 | -13 | 48 |
| PLS | Law Enforcement | 5,063 | -13 | 4 |
| MEC | Mechanical Technology | 549 | -14 | 10 |
| LGL | Legal Assisting | 1,375 | -15 | 50 |
| BUS | Business Administration | 16,394 | -16 | -35 |
| GER | German | 1,092 | -16 | 21 |
| HCA | Health Care Administration | 458 | -16 | -14 |
| CNS | Counseling | 1,046 | -16 | -34 |
| EXL | Exercise Science & Technology | 925 | -17 | 53 |
| ANT | Anthropology | 1,629 | -18 | 30 |
| ECO | Economics | 9,732 | -19 | -32 |
| HUM | Humanities | 8,904 | -20 | -24 |
| ACC | Accounting | 13,701 | -20 | -40 |
| POL | Political Science | 14,652 | -20 | -24 |
| LSC | Life Science | 1,976 | -21 | -31 |
| PSY | Psychology | 20,853 | -21 | -22 |
| EEC | Electrical/Electronics Technology | 1,299 | -21 | -- |
| SOC | Sociology | 8,790 | -22 | -26 |
| BIS | Business Information Systems | 4,730 | -22 | -49 |
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| PER | Physical Education | 7,868 | -30 | -12 |
| BIO | Biology | 18,113 | -31 | 4 |
| APT | Apprentice Tinsmith | 153 | -31 | -53 |
| CHE | Chemistry | 8,330 | -32 | 3 |
| FST | Food Service | 2,704 | -32 | -41 |
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| ATA | Automobile Servicing | 1,220 | -33 | -37 |
| AET | Alternate Energies | 68 | -35 | -69 |
| GCA | Graphics/Commercial Art | 883 | -36 | -64 |
| HEA | Health | 2,337 | -39 | 10 |
| APD | Apprentice Drafting | 156 | -40 | -82 |
| SSC | Social Science | 2,142 | -41 | -64 |
| HPT | Hospital Pharmacy Technology | 342 | -42 | 1 |
| FSH | Found Stud./Humanities | 1,144 | -43 | -65 |
| TED | Pre-Apprentice Drafting | 138 | -44 | -73 |
| MED | Medical Technology | 1,461 | -47 | -22 |
| TER | Climate Control Technology | 828 | -47 | -53 |
| VBT | Vehicle Body | 562 | -48 | -54 |
| BPI | Business Professional Institute | 1,634 | -51 | -- |
| FSS | Foundations of Behaviorial andSocial Science | 260 | -55 | -71 |
| FTI | Fire Technical Institute | 1,758 | -55 | 6 |
| CSC | Community Service Course | 2,450 | -57 | -76 |

Source: OCC, Office of Institutional Research (ACS-6)

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# Oakland Community College
# Student Credit Hours
# Sorted by Five Year Percent Change
# (1993-94 through 1997-98)

| Course Prefix | Description | SCH | Change | Change |
|---|---|---|---|---|
| ATM | Machine Tool Technology | 431 | -62 | -59 |
| FLT | Aviation Flight Technology | 313 | -63 | -65 |
| GRN | Gerontology | 231 | -68 | -55 |
| QAT | Quality Assurance Technology | 81 | -69 | -78 |
| IND | Industrial Sciences | 93 | -82 | -74 |
| RET | Retailing | 60 | -91 | -87 |
| JOR | Journalism | 3 | -98 | -99 |
| COM | Communications | 6 | -99 | -100 |

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# Student Credit Hours
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# (1988-89 through 1997-98)

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| DEN | Dental Assisting | 84 | 4 | -10 |
| CER | Ceramics | 1,655 | 12 | -11 |
| ARC | Architecture | 817 | -12 | -12 |

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# Oakland Community College
# Student Credit Hours
# Sorted by Ten Year Percent Change
# (1988-89 through 1997-98)

| Course Prefix | Description | SCH | Change | Change |
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| DDT | Drafting Design Technology | 2,580 | -8 | -13 |
| HCA | Health Care Administration | 458 | -16 | -14 |
| FRE | French | 1,792 | -12 | -15 |
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| MHA | Mental Health | 1,914 | -12 | -19 |
| DMS | Diagnostic Medical Sonography | 766 | -8 | -20 |
| PSY | Psychology | 20,853 | -21 | -22 |
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| ECO | Economics | 9,732 | -19 | -32 |
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| MKT | Marketing | 1,815 | -11 | -46 |
| WOD | Woodworking | 90 | -9 | -47 |
| FSN | Foundations of Natural Sciences | 376 | -27 | -48 |
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| APT | Apprentice Tinsmith | 153 | -31 | -53 |
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| KEH | Kindergarten, Elementary, High School Ed | 88 | 1,668 | -95 |
| JOR | Journalism | 3 | -98 | -99 |
| COM | Communications | 6 | -99 | -100 |

Source: OCC, Office of Institutional Research (ACS-6)

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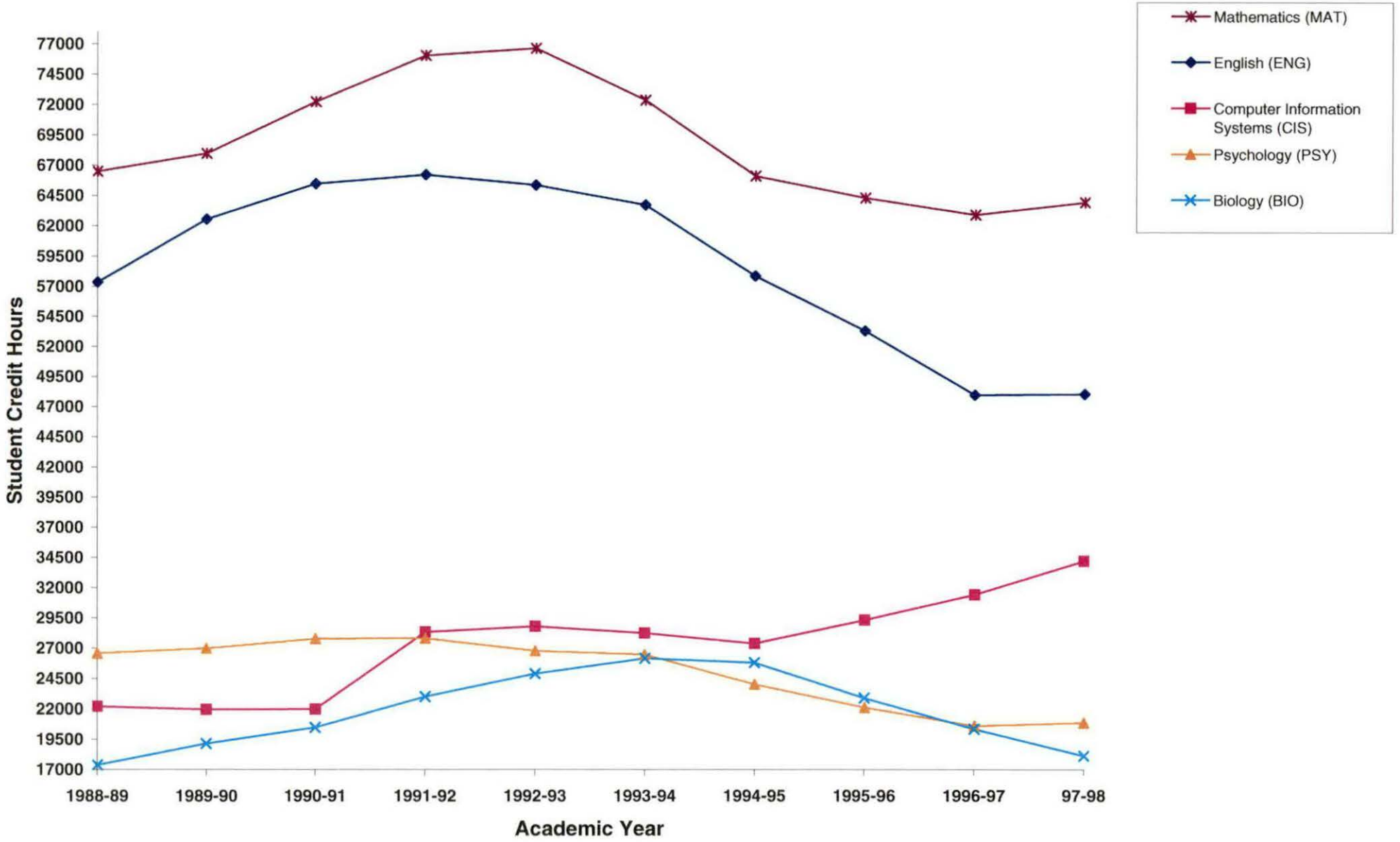
# Oakland Community College
# Trend in Total Student Credit Hours
# Top 5 SCH-Generating Course Prefix Codes
# (1988-89 through 1997-98)




Source: OCC, Office of Institutional Research (ACS-6)

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# Oakland Community College
# Student Credit Hours by Cluster
# (1997-98)

**Clusters Ranked by 97-98 Credit Hours**

| Cluster | 1997-98 SCH | % of Total |
|---|---|---|
| Math & Sciences | 101,012 | 24 |
| Humanities & Language | 91,881 | 21 |
| Business | 72,273 | 17 |
| Social Science | 71,417 | 17 |
| Public Services | 31,984 | 7 |
| Allied Health | 20,961 | 5 |
| Commercial & Fine Arts | 19,328 | 4 |
| Automotive Technologies | 17,052 | 4 |
| Non-Automotive Technologies | 5,613 | 1 |
| **GRAND TOTAL** | **431,521** | 100 |

**Clusters Ranked by Five Year Percent Change**

| Cluster | 1997-98 SCH | % of Total | 5- Year % Change |
|---|---|---|---|
| Commercial & Fine Arts | 19,328 | 4 | -4 |
| Business | 72,273 | 17 | -4 |
| Automotive Technologies | 17,052 | 4 | -9 |
| Humanities & Language | 91,881 | 21 | -10 |
| Allied Health | 20,961 | 5 | -13 |
| Math & Sciences | 101,012 | 23 | -18 |
| Social Science | 71,417 | 17 | -19 |
| Public Services | 31,984 | 7 | -25 |
| Non-Automotive Technologies | 5,613 | 1 | -31 |
| **GRAND TOTALS** | 431,521 | 100 | -14 |

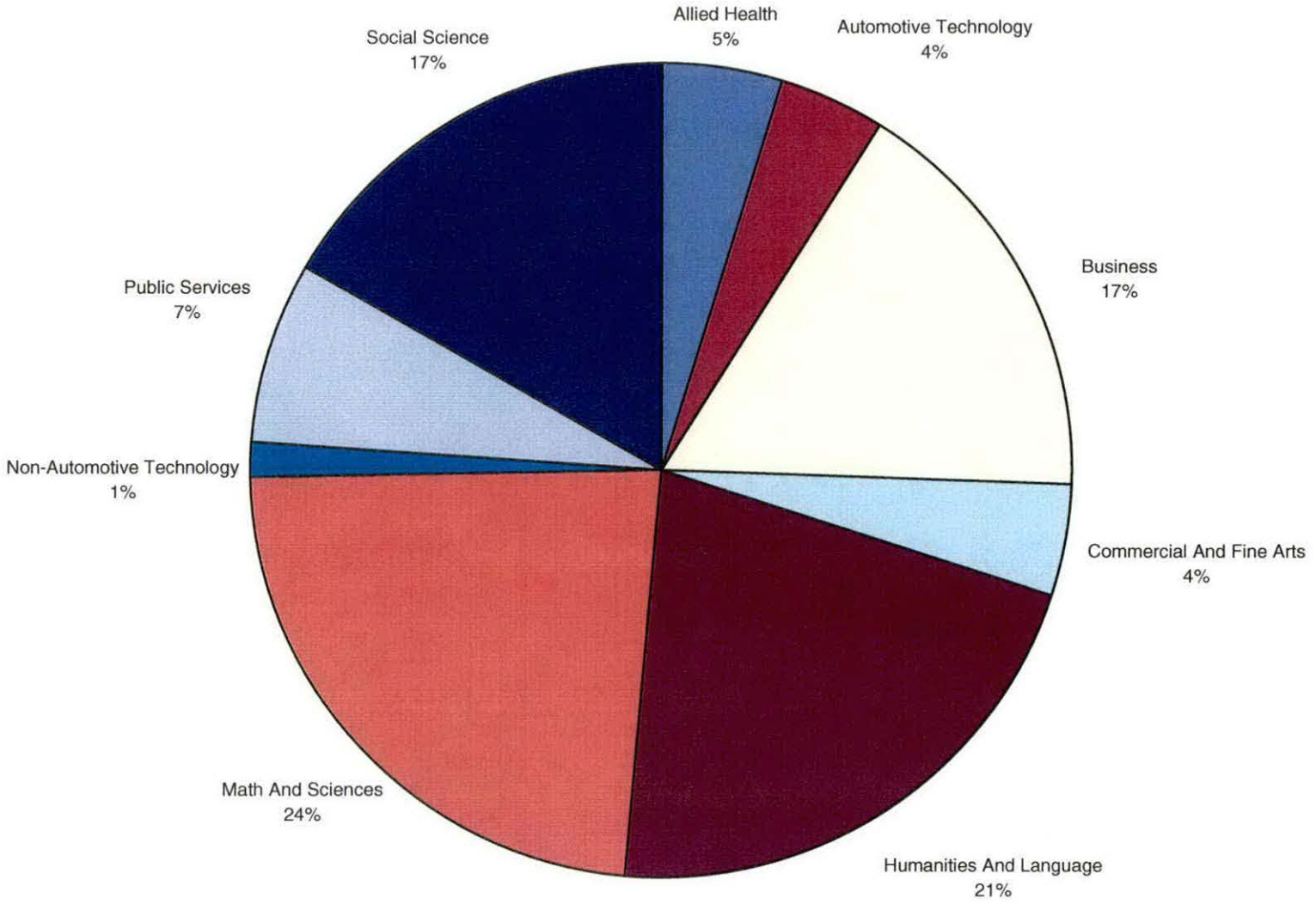
**Clusters Ranked by Ten Year Percent Change**

| Cluster | 1997-98 SCH | % of Total | 10- Year % Change |
|---|---|---|---|
| Math & Sciences | 101,012 | 23.4 | -1 |
| Humanities & Language | 91,881 | 21.3 | -2 |
| Allied Health | 20,961 | 4.9 | -3 |
| Commercial & Fine Arts | 19,328 | 4.5 | -13 |
| Business | 72,273 | 16.7 | -14 |
| Automotive Technologies | 17,052 | 4.0 | -15 |
| Public Services | 31,984 | 7.4 | -15 |
| Non-Automotive Technologies | 5,613 | 1.3 | -23 |
| Social Science | 71,417 | 16.6 | -24 |
| **GRAND TOTALS** | 431,521 | 100 | -11 |

Source: OCC, Office of Institutional Research (ACS-6)

3/12/99

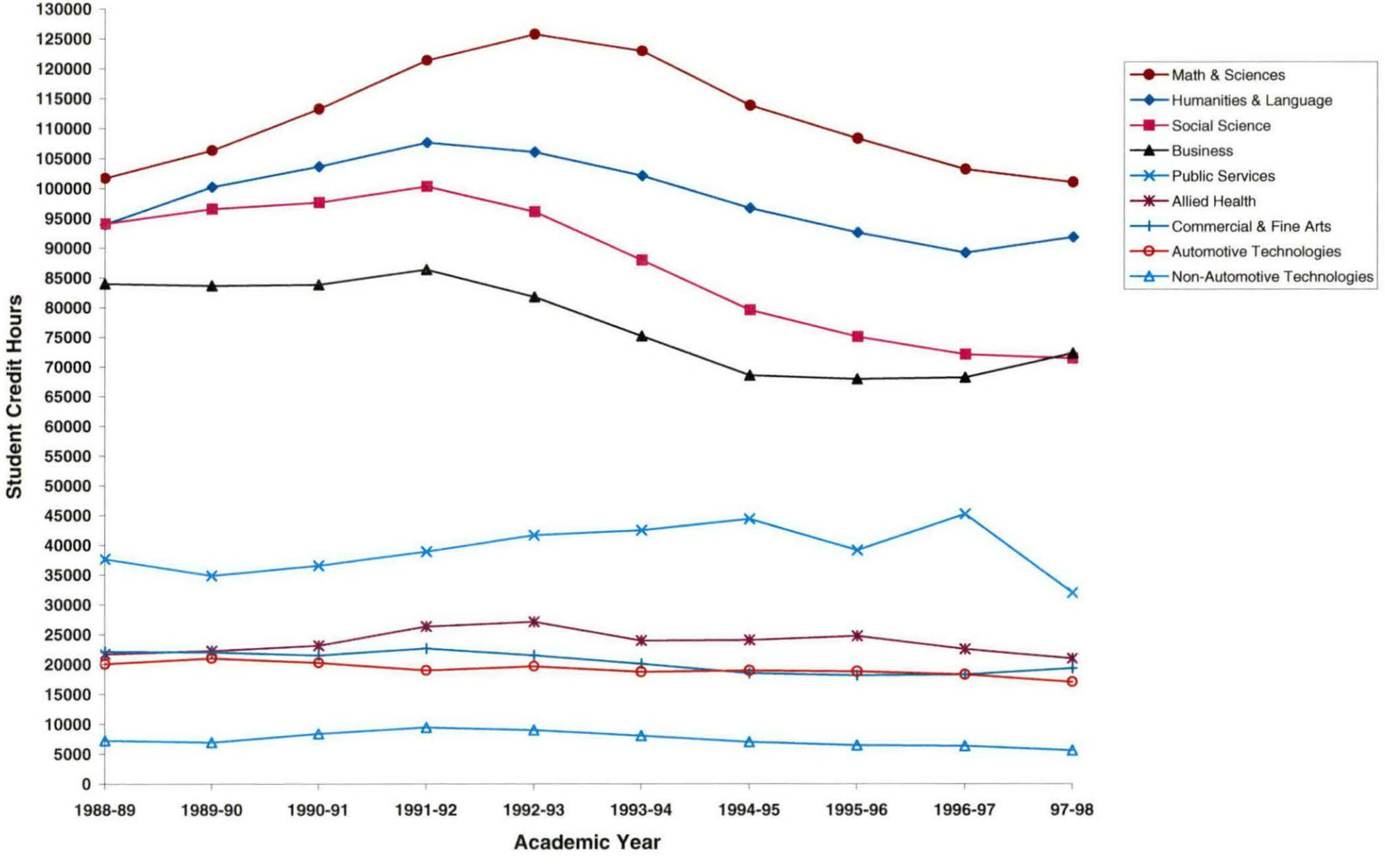
# Oakland Community College
# Student Credit Hours by Cluster
# (1997-98)




Source: OCC, Office of Instiitutional Research (ACS-6)

3/11/99

# Oakland Community College
## Trend in Total Student Credit Hours by Cluster
## (1988-89 through 1997-98)

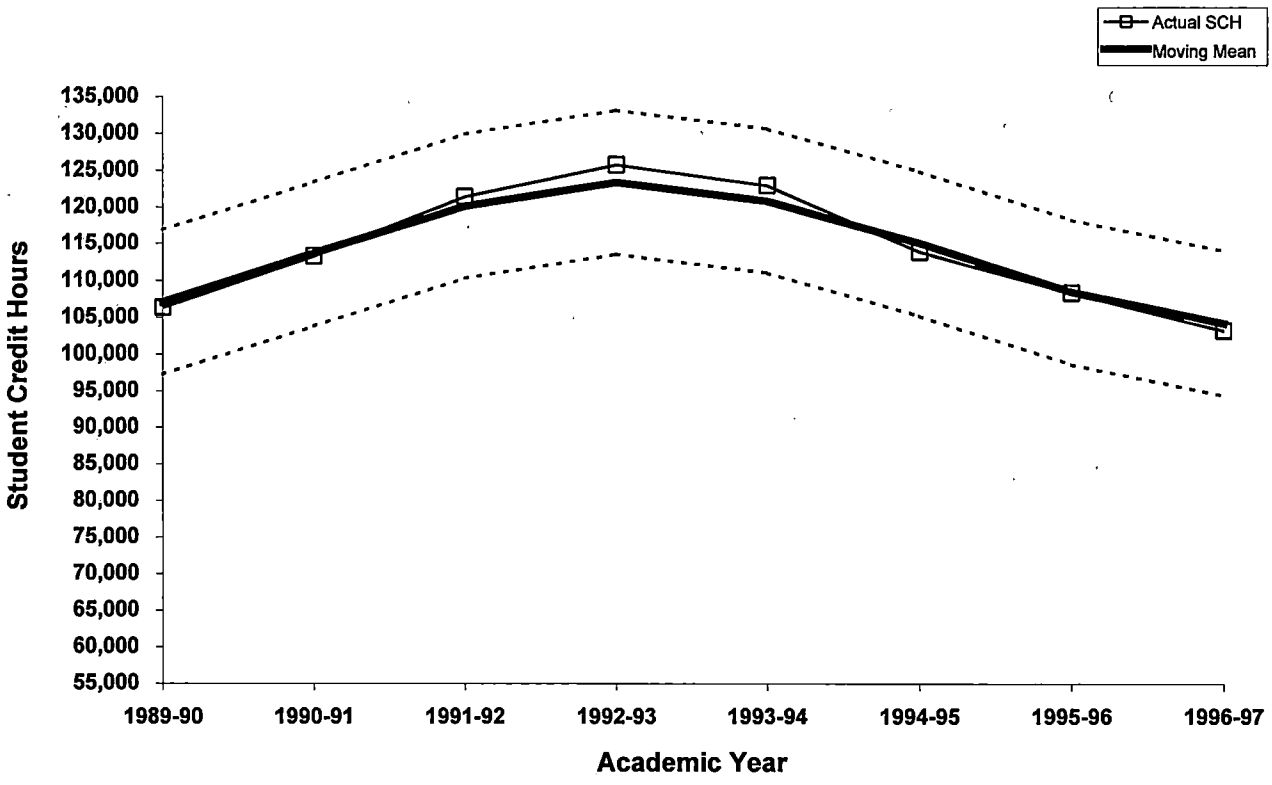



Source: OCC, Office of Institutional Research

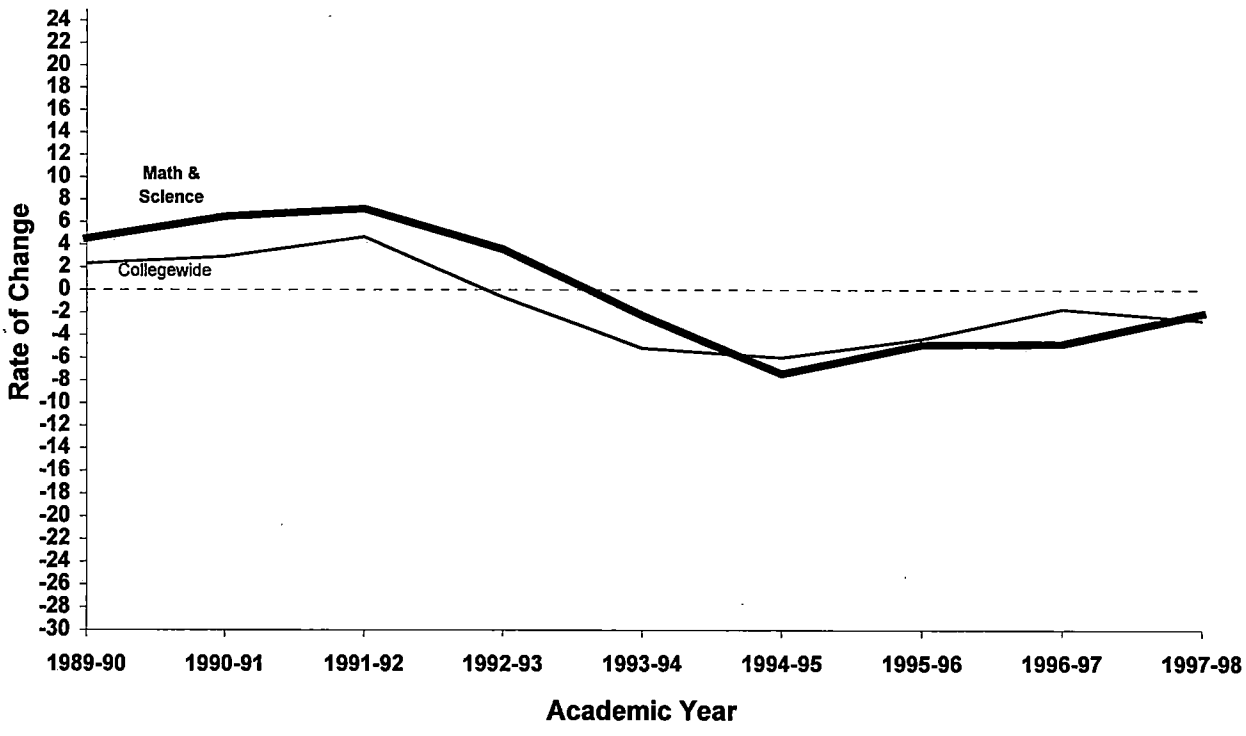
3/11/99

# Oakland Community College
# Math and Sciences Cluster
# (1989-90 through 1997-98)

## 3-Year Moving Mean




## Rate of Change in Student Credit Hours

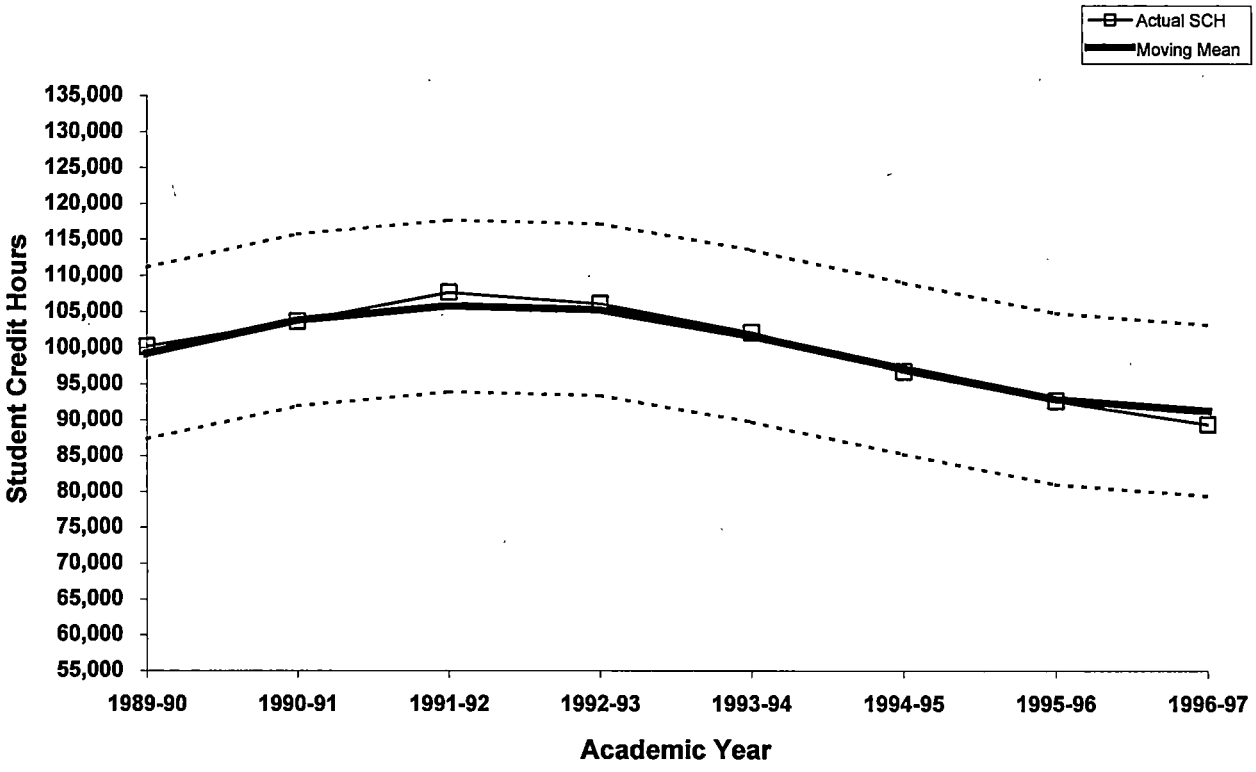



Source: OCC, Office of Institutional Research

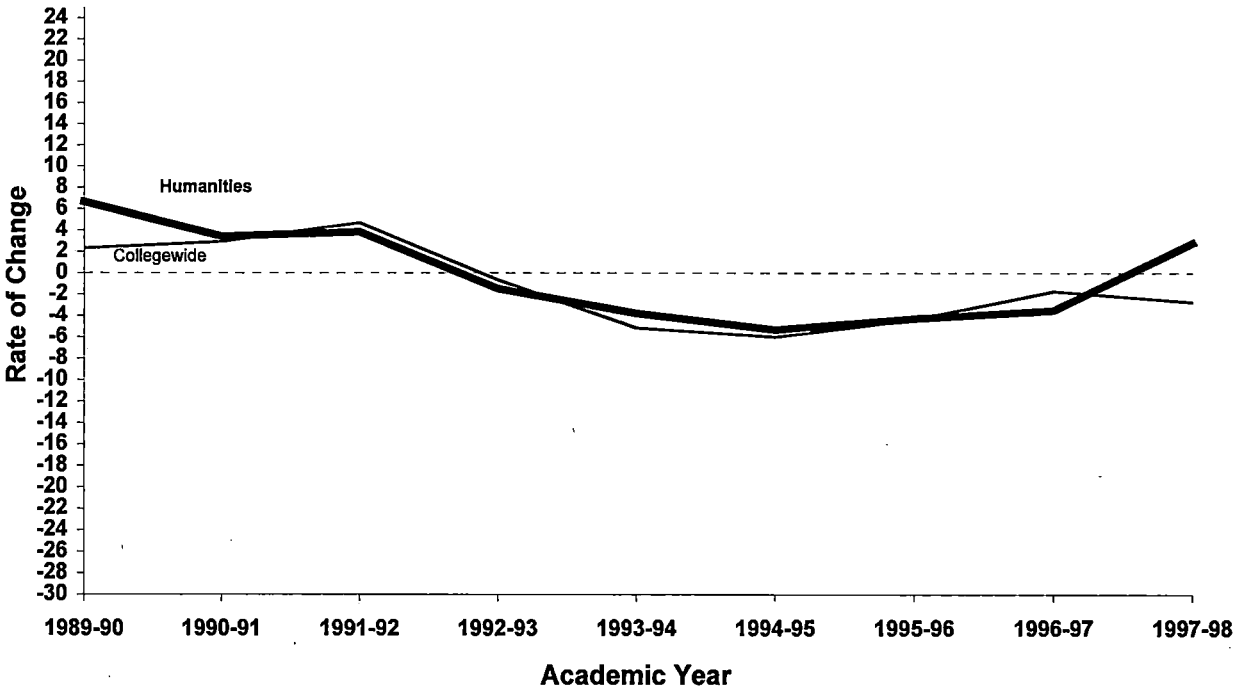
4/14/99

# Oakland Community College
# Humanities and Languages Cluster
# (1989-90 through 1997-98)

## 3-Year Moving Mean




## Rate of Change in Student Credit Hours

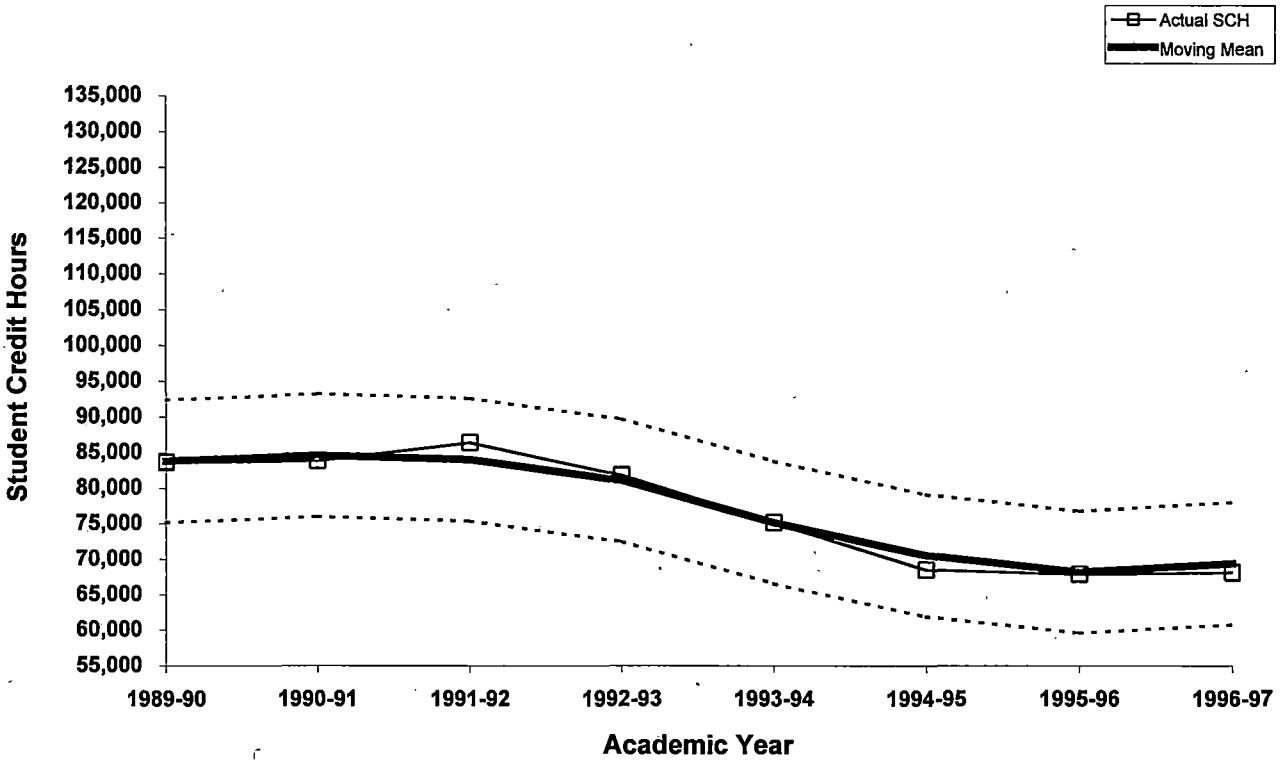



Source: OCC, Office of Institutional Research

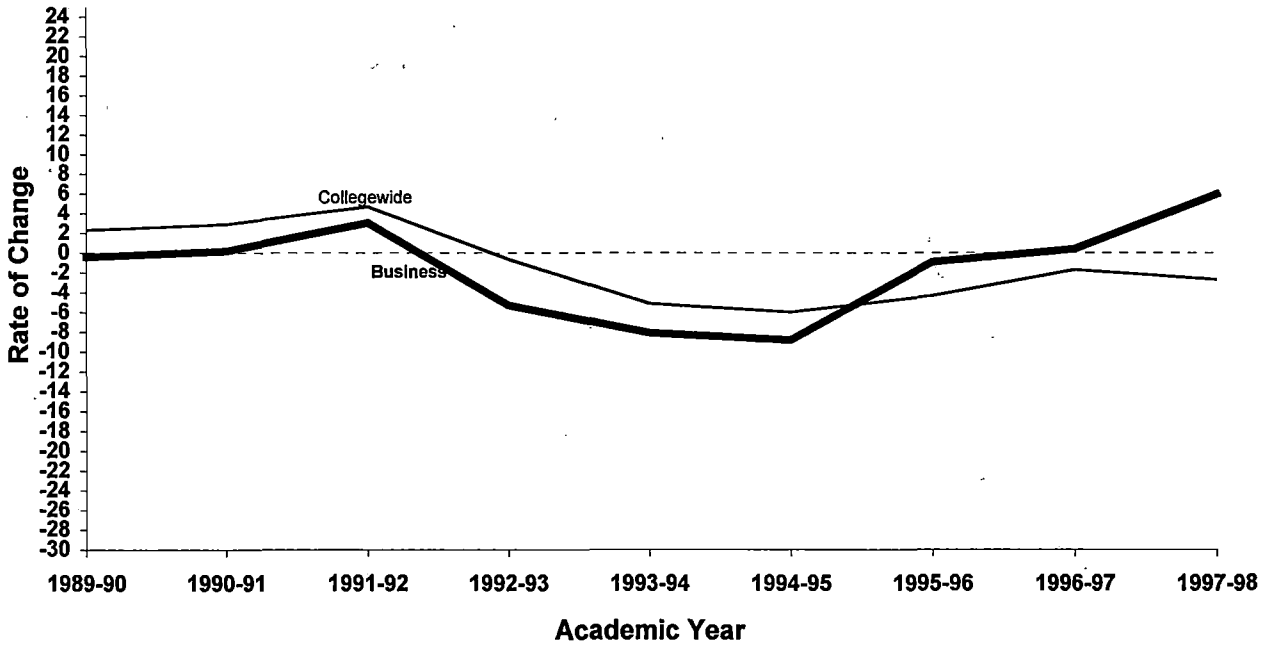
4/14/99

# Oakland Community College
# Business Cluster
# (1989-90 through 1997-98)

## 3-Year Moving Mean




## Rate of Change in Student Credit Hours

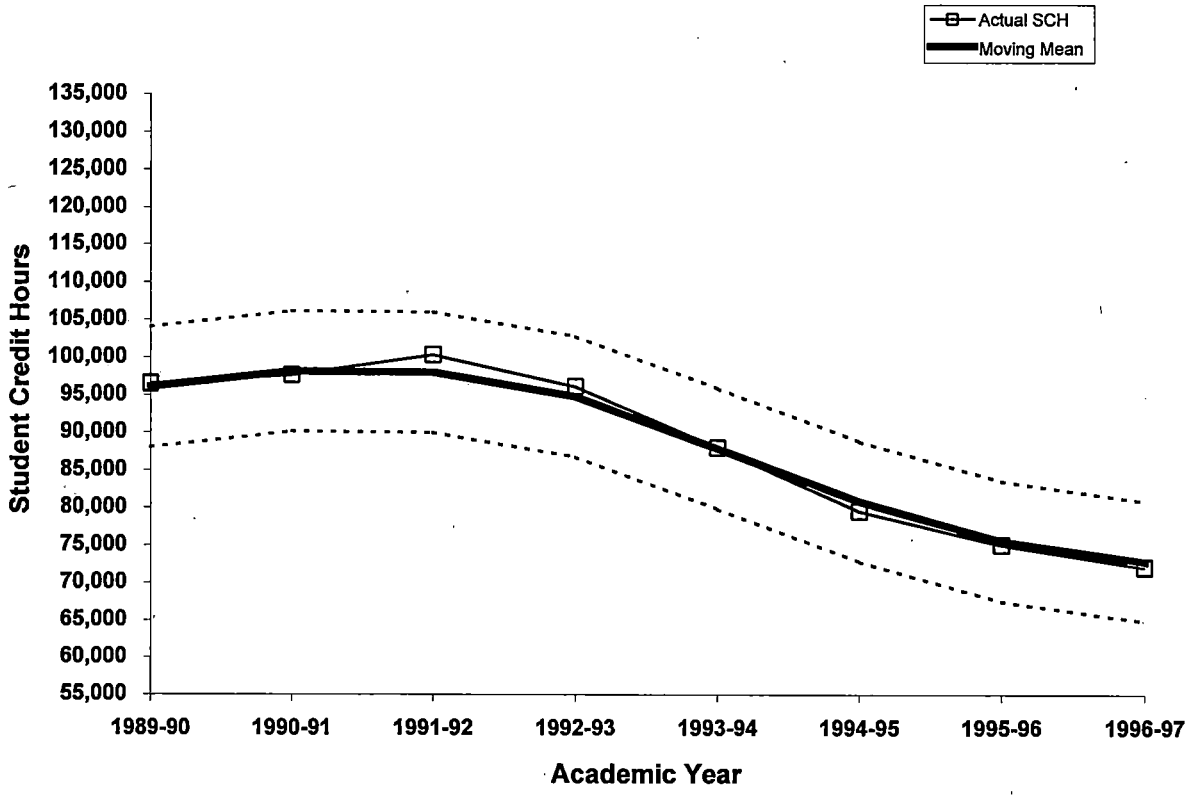



Source: OCC, Office of Institutional Research

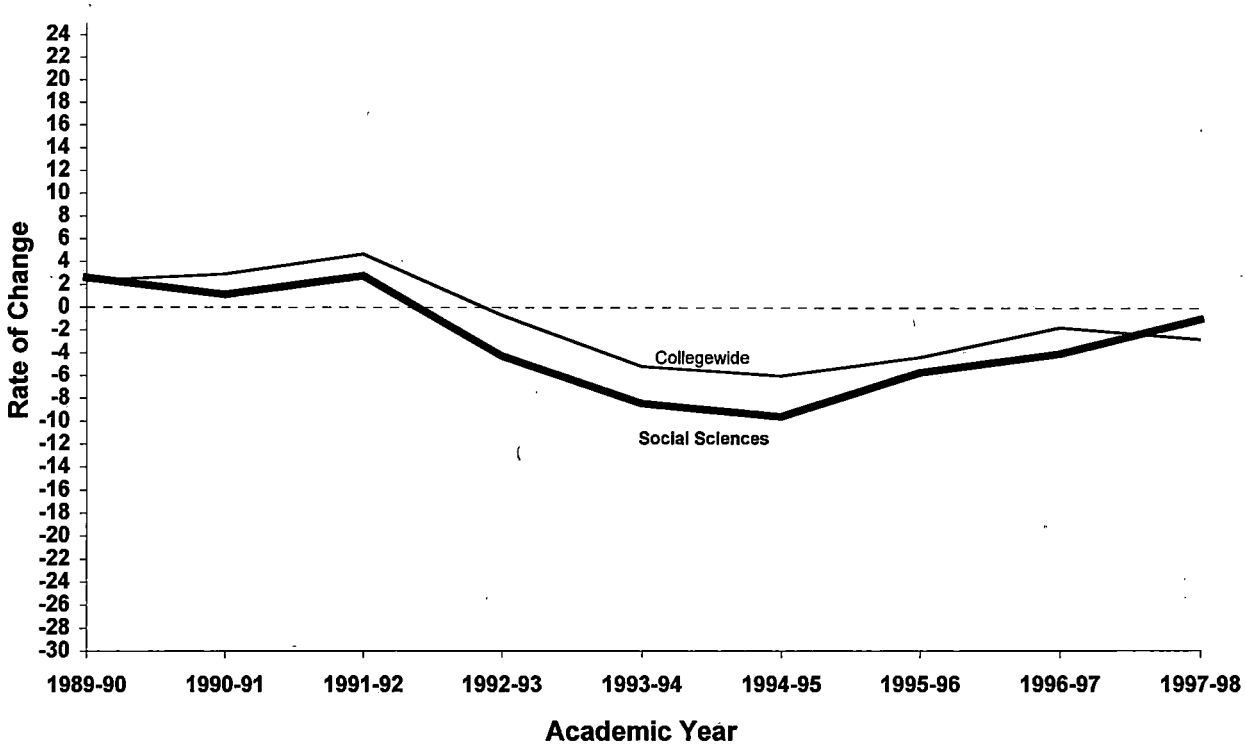
4/14/99

# Oakland Community College
# Social Sciences Cluster
# (1989-90 through 1997-98)

## 3-Year Moving Mean




## Rate of Change in Student Credit Hours

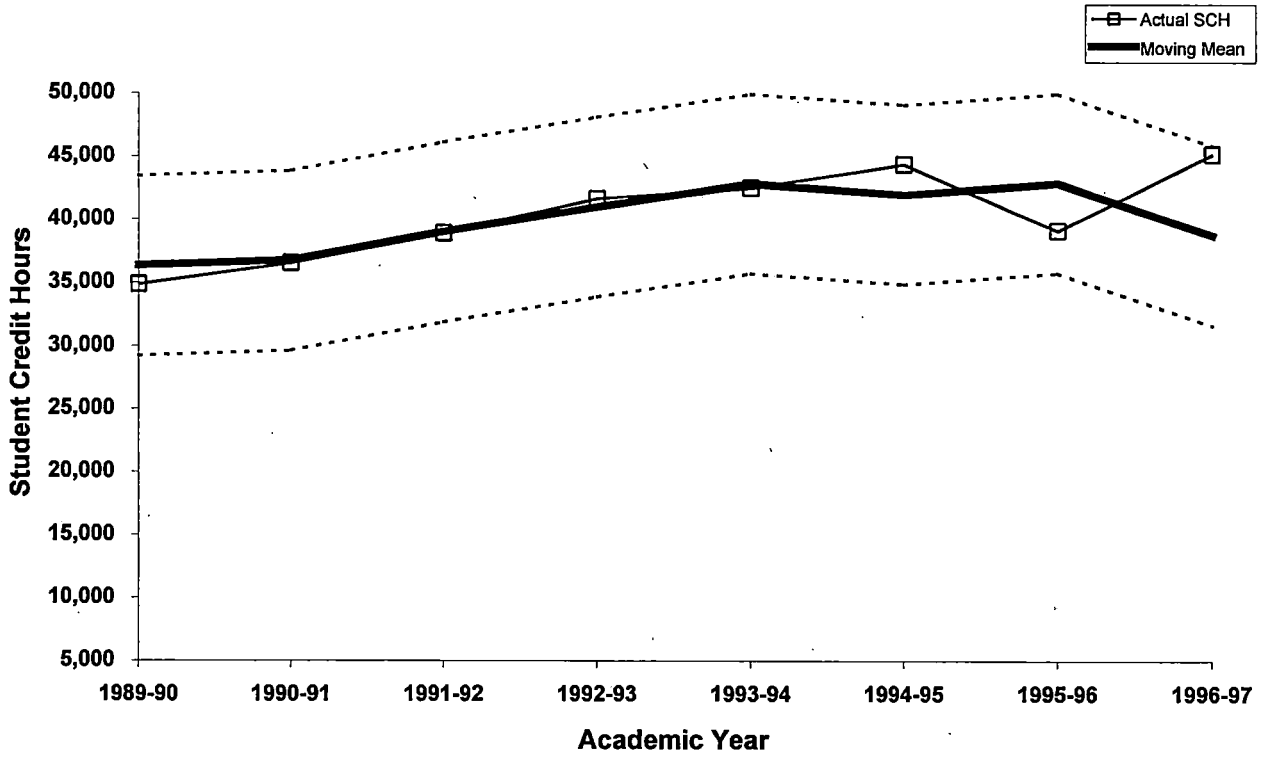



Source: OCC, Office of Institutional Research

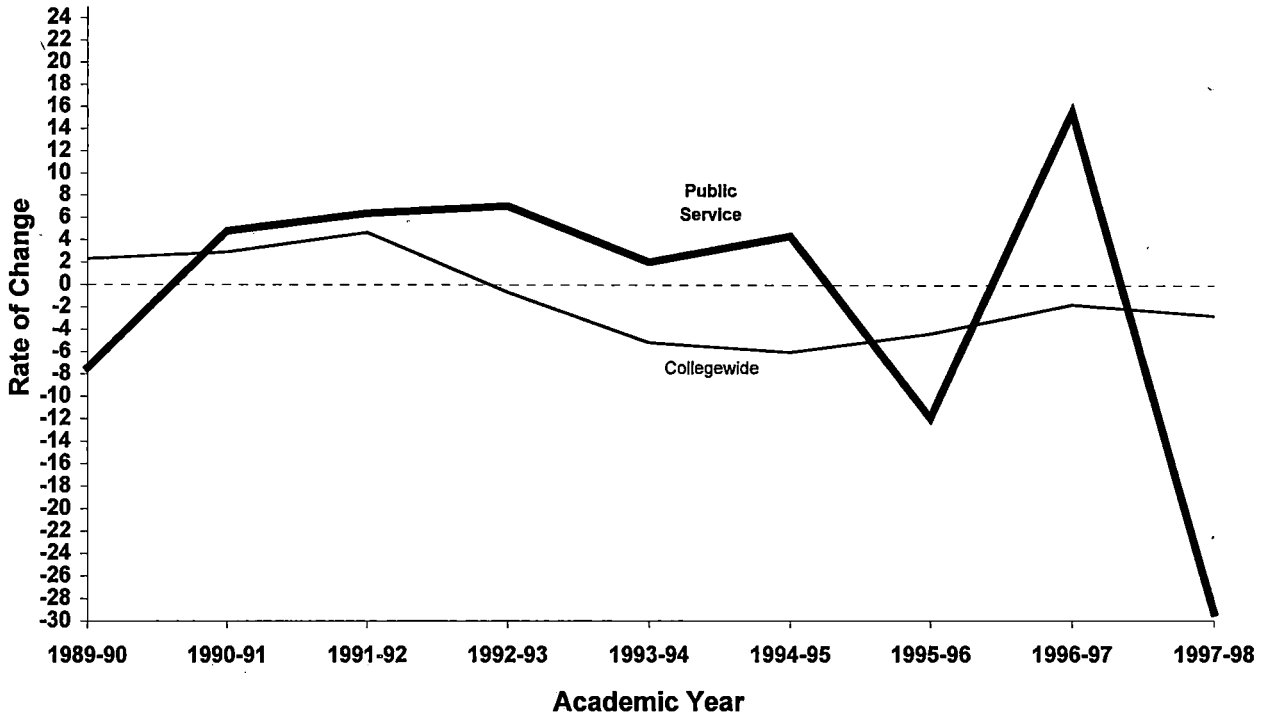
4/14/99

# Oakland Community College
# Public Services Cluster
# (1989-90 through 1997-98)

## 3-Year Moving Mean




## Rate of Change in Student Credit Hours

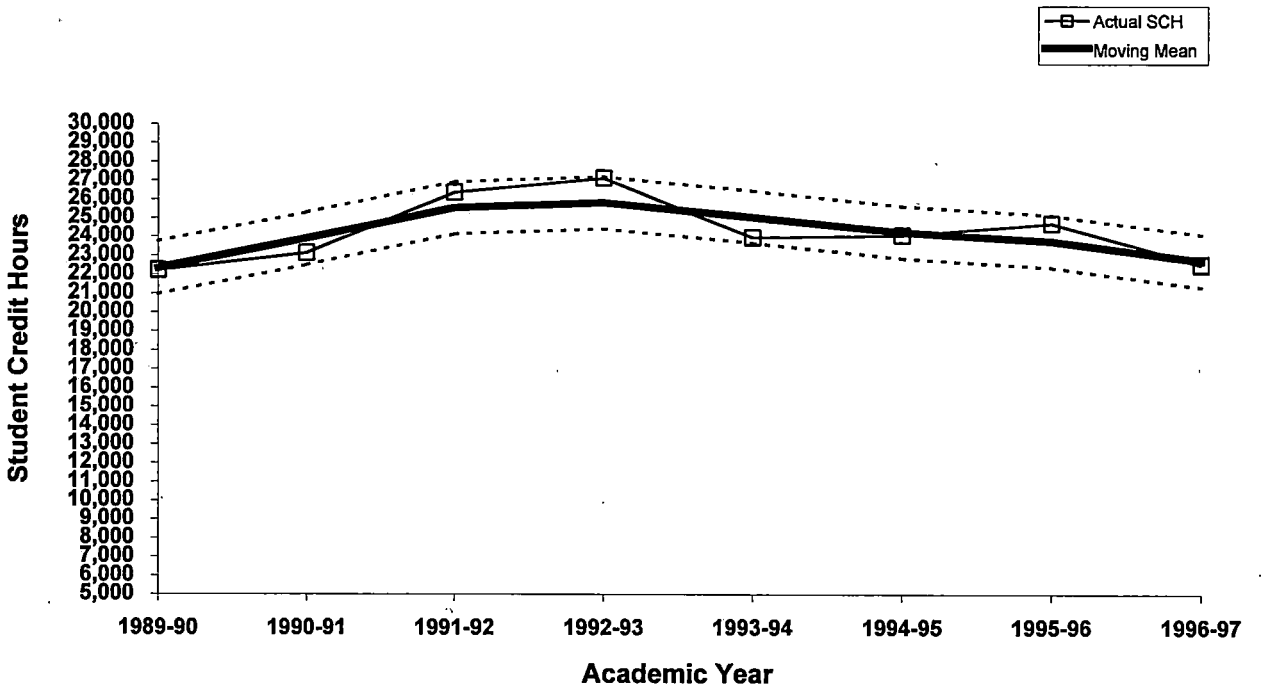



Source: OCC, Office of Institutional Research

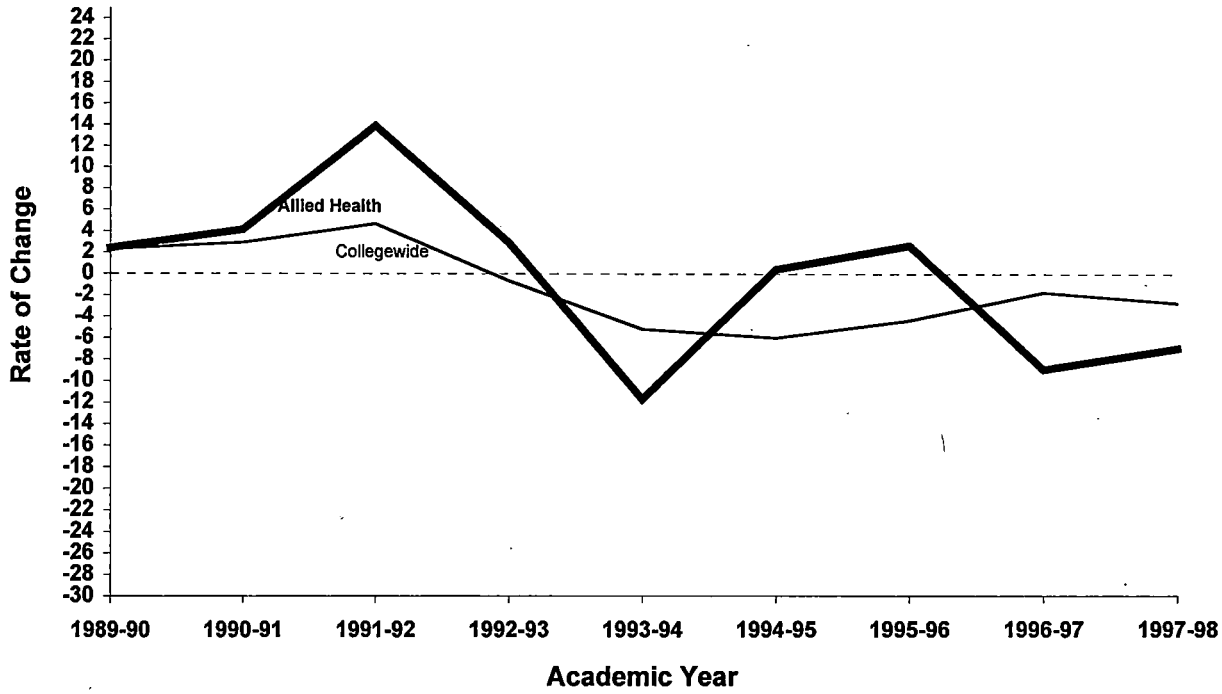
4/14/99

# Oakland Community College
# Allied Health Cluster
# (1989-90 through 1997-98)

## 3-Year Moving Mean




## Rate of Change in Student Credit Hours

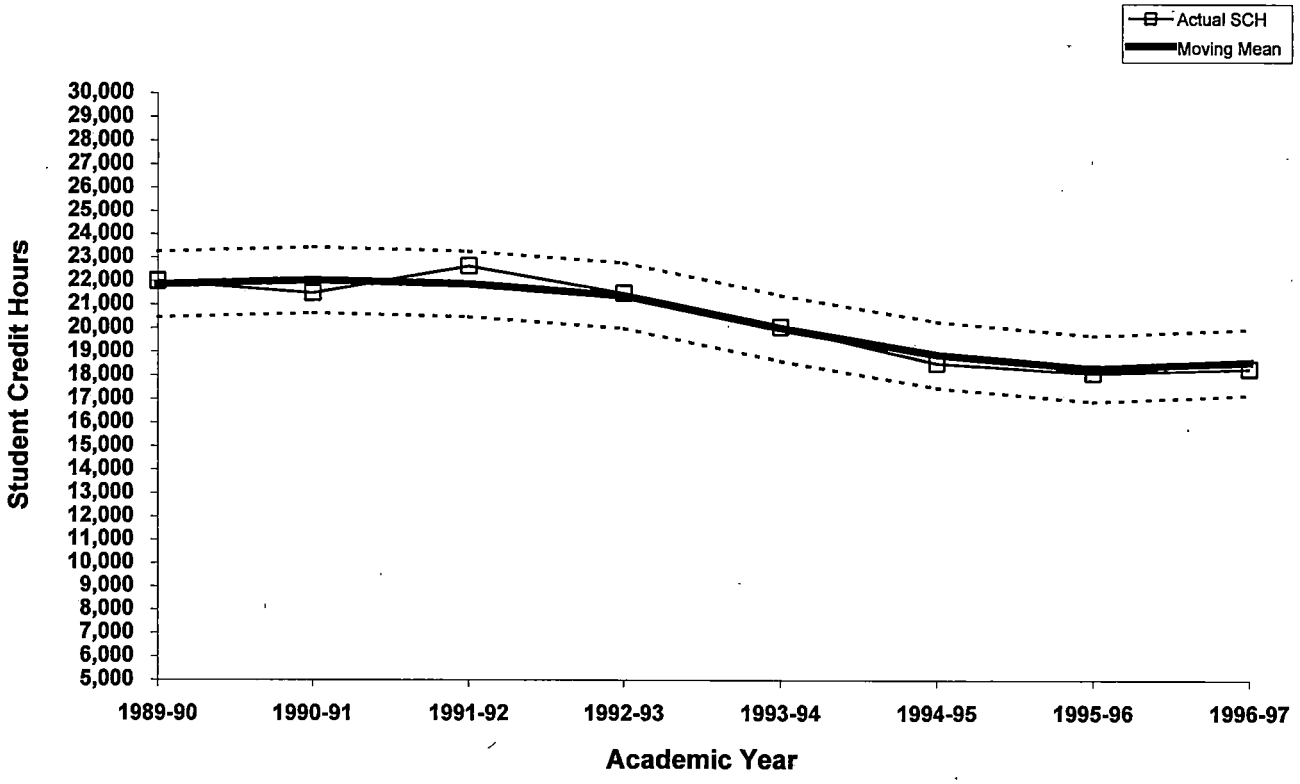



Source: OCC, Office of Institutional Research

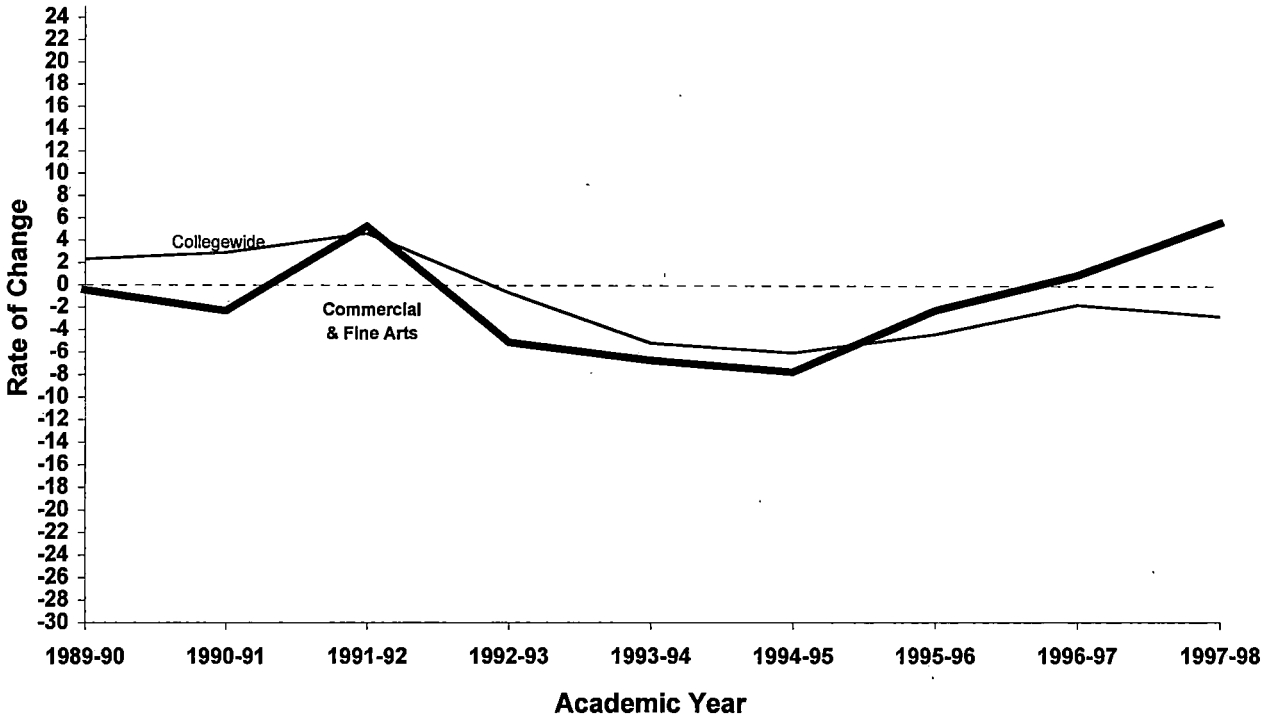
4/14/99

# Oakland Community College
# Commercial and Fine Arts Cluster
# (1989-90 through 1997-98)

## 3-Year Moving Mean




## Rate of Change in Student Credit Hours

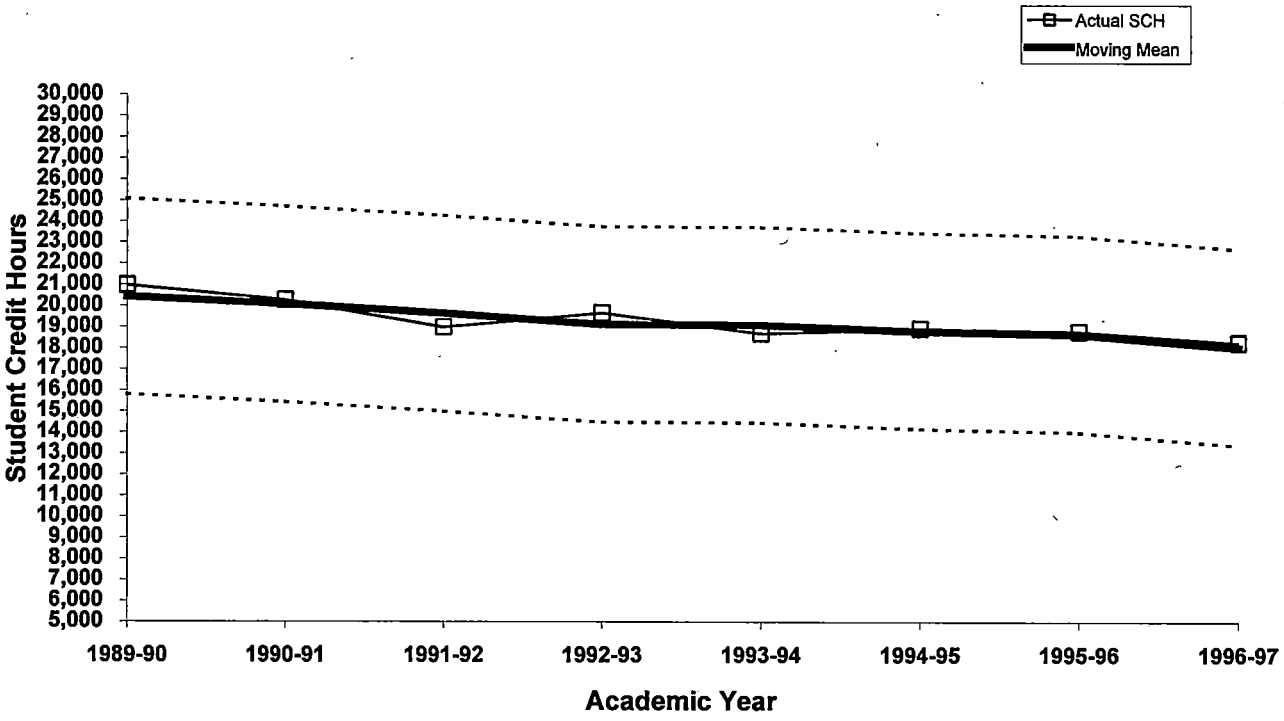



Source: OCC, Office of Institutional Research

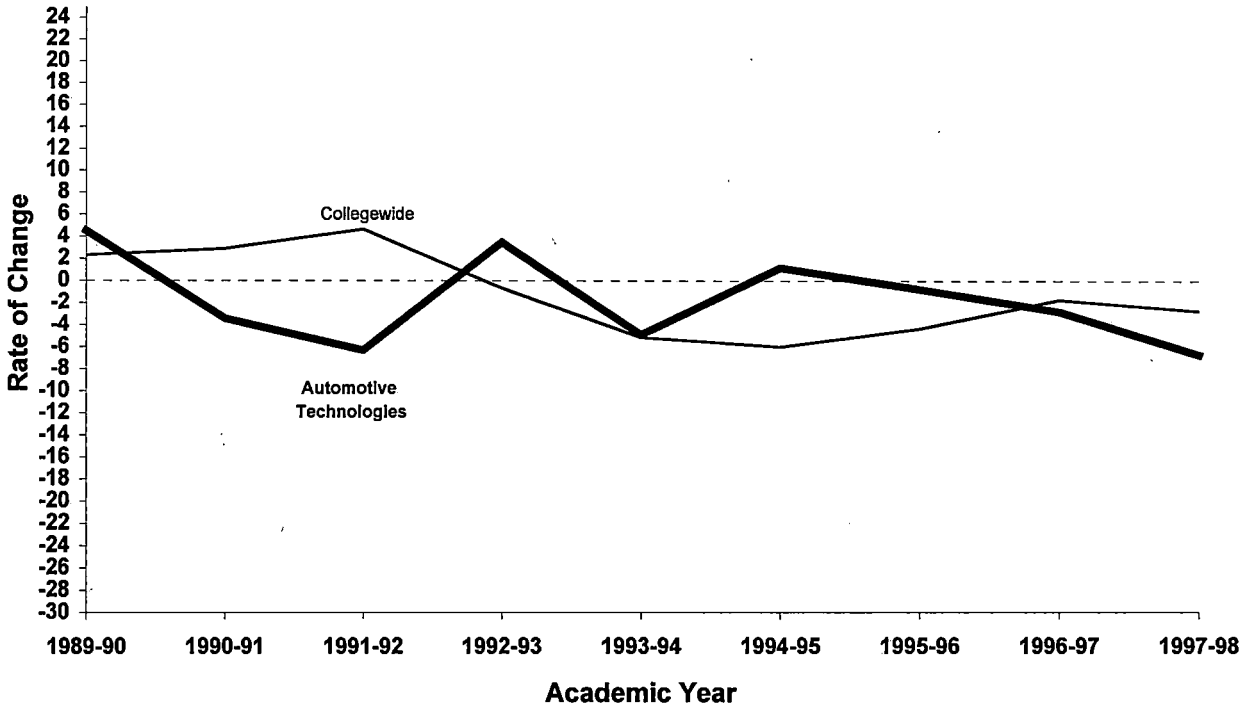
4/14/99

# Oakland Community College
# Automotive Technologies Cluster
# (1989-90 through 1997-98)

## 3-Year Moving Mean




## Rate of Change in Student Credit Hours

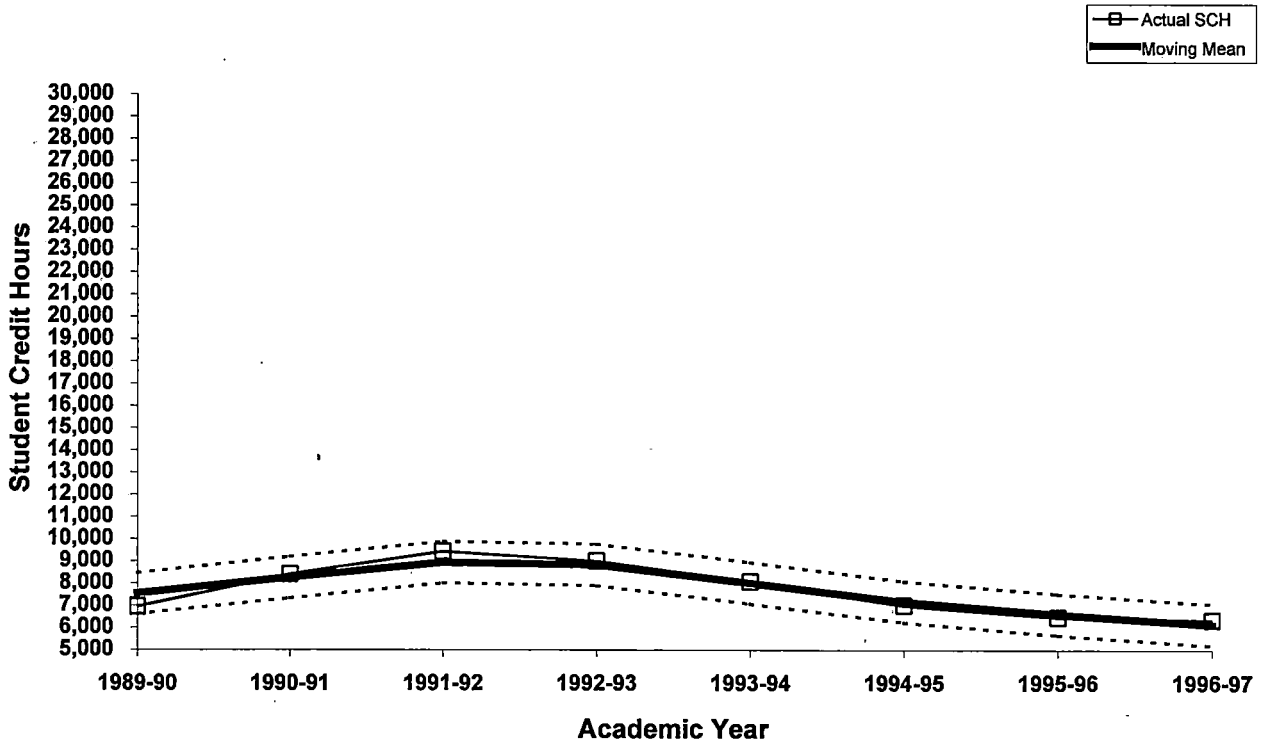



Source: OCC, Office of Institutional Research

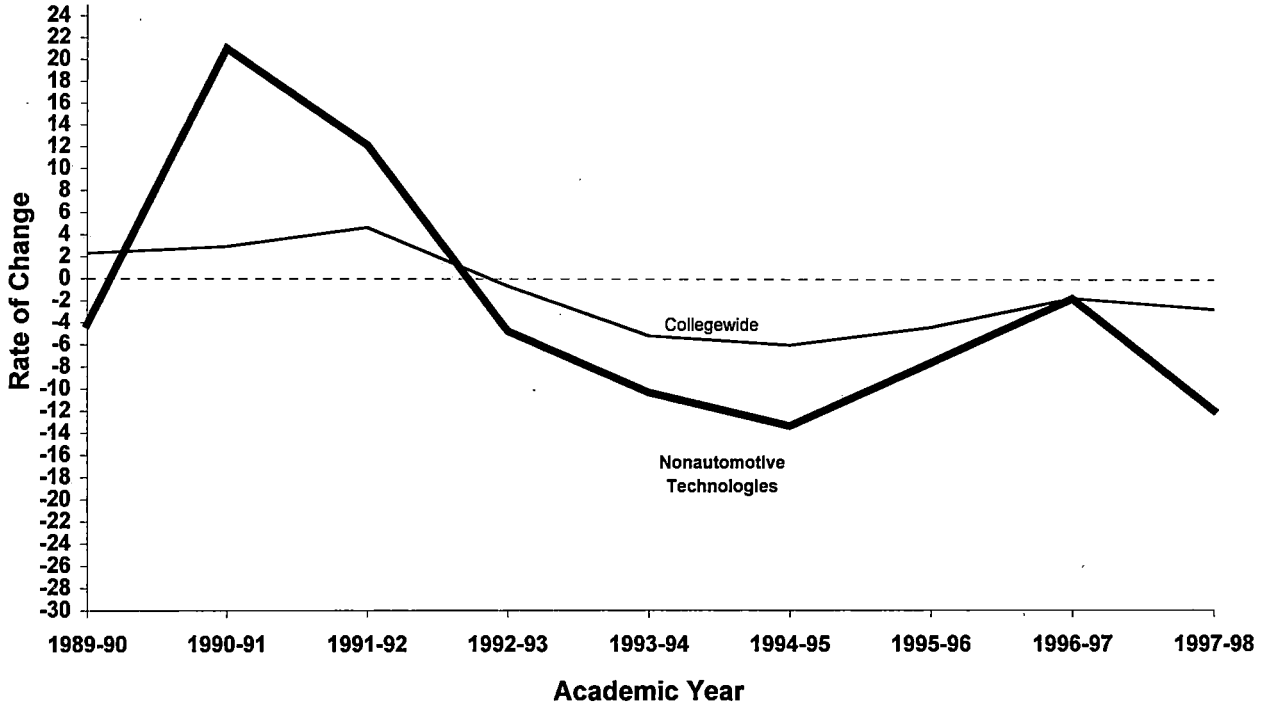
4/14/99

# Oakland Community College
# Non-Automotive Technologies Cluster
# (1989-90 through 1997-98)

## 3-Year Moving Mean




## Rate of Change in Student Credit Hours




Source: OCC, Office of Institutional Research

4/14/99

# Oakland Community College
# List of Courses Within Curriculum Clusters

| Allied Health | |
|---|---|
| DEN | Dental Assisting |
| DHY | Dental Hygiene |
| DMS | Diagno. Med Sonography |
| EMT | Emergency Med Tech |
| EXL | Exercise Science & Technology |
| HCA | Health Care Admin. |
| HEA | Health |
| HPT | Hospital Pharmacy Tech |
| MDA | Medical Assisting |
| MED | Medical Technology |
| MHA | Mental Health |
| NCT | Noninvasive Cardiovascular |
| NUR | Nursing |
| PNE | Practical Nurse Education |
| RAD | Radiologic Tech |
| RSP | Respiratory Therapy |

| Automotive Technologies | |
|---|---|
| ADT | Automobile Drawing |
| APD | Apprentice Drafting |
| APM | Apprentice Mathematics |
| APP | Apprentice Physics |
| APS | Apprentice Shop |
| APT | Apprentice Technical |
| ATA | Automobile Servicing |
| ATF | Fluid Power Tech |
| ATM | Machine Tool Tech |
| ATW | Welding/Fabrication Tech |
| AUT | Automotive Tech |
| CAD | Computer Aided Design |
| CIM | Computer Integrated Mfg. |
| DDT | Drafting Design Tech/ DRT |
| DHE | Diesel/Heavy Equipment |
| DRT | Drafting |
| EPT | Engineering Physical Test |
| ETT | Electrical Trades Tech |
| IND | Industrial Sciences |
| IPD | Industrial Prod. Design |
| MEC | Mechanical Technology |
| PCT | Plastics Composite Application |
| QAT | Quality Assurance Tech |
| ROB | Robotics Tech |
| TEA | Apprentice Automotive |
| TED | Pre-Apprentice Drafting |
| TEM | Pre-Apprentice Math |
| TEO | Operating Engineers |
| TET | Pre-Apprentice Phys. Sci |
| TEW | Pre-Apprentice Welding |
| VBT | Vehicle Body |

| Business | |
|---|---|
| ACC | Accounting |
| BIS | Bus Info Sys / OIS / SEC |
| BUS | Business Administration |
| CIS | Computer Info Sys / DPR |
| LGL | Legal Assisting |
| MKT | Marketing |
| RES | Real Estate |
| RET | Retailing |

| Commercial and Fine Arts | |
|---|---|
| ART | Art |
| AVM | Audio-Visual Tech |
| CER | Ceramics |
| GCA | Graphics/Commercial Art |
| GRA | Graphics |
| PHO | Photography |
| PPT | Publication Technology |
| THE | Theatre |
| WOD | Woodworking |

| Humanities and Language | |
|---|---|
| ARB | Arabic |
| COM | Communications |
| ENG | English |
| ESL | English Language Institute |
| FRE | French |
| FSC | Found Stud./Communic. |
| FSH | Found Stud./Humanities |
| GER | German |
| HUM | Humanities |
| ITA | Italian |
| JOR | Journalism |
| JPN | Japanese |
| MUS | Music |
| PHI | Philosophy |
| SLS | Sign Language Studies |
| SPA | Spanish |
| SPE | Speech |

# Oakland Community College
# List of Courses Within Curriculum Clusters

| Math and Sciences | |
|---|---|
| BIO | Biology |
| CHE | Chemistry |
| EGR | Pre-Engineering |
| FSN | Found Stud./Nat.Science |
| GSC | General Science |
| LSC | Life Science |
| MAT | Mathematics |
| PHY | Physics |
| PSC | Physical Science |

| Nonautomotive Technologies | |
|---|---|
| AET | Alternative Energy Tech |
| ARC | Architectural Tech |
| CHT | Chemistry Tech |
| ECT | Electronic Microprocessing |
| EEC | Electrical/Electronics Tech |
| ELT | Electronics Tech |
| FLT | Aviation Flight Tech |
| LST | Landscape Tech |
| TEL | Telecommunications Technology |
| TEP | Plastics Technology |
| TER | Climate Control Tech |

| Social Sciences | |
|---|---|
| ANT | Anthropology |
| DSB | Dir.Study/Behav/Soc.Sci. |
| ECO | Economics |
| EDU | Education |
| FSS | Found Stud./Soc.Science |
| GEO | Geography |
| GRN | Gerontology |
| HIS | History |
| POL | Political Science |
| PSY | Psychology |
| SOC | Sociology |
| SSC | Social Science |

| Public Services | |
|---|---|
| BPI | Business Professional Inst. |
| BTC | Business Technology Center |
| CEC | Continuing Education |
| CNS | Counseling |
| CRC | Community Recreation |
| CSC | Community Service Course |
| CWA | Co-Op |
| ECD | Early Childhood Dev. |
| FFT | Fire Fighter Technology |
| FST | Food Service |
| FTI | Fire Technical Institute |
| IIC | Indiv. Instruction Center |
| ISC | Instructional Sport Camps |
| KEH | Kind., Elementary, High Sch |
| LIB | Library Tech |
| MDB | Management Develpment Busin |
| MTS | Manufacturing Technolgical Ser |
| PAS | Police Academy Science |
| PER | Physical Education |
| PLS | Law Enforcement |
| PPI | Public Professional Inst. |
| X.. | Pentastar Courses |