

| Department                | Semester   |            |            |            |            |            |            | Average    |
|---------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                           | 2003 SP    | 2003_FA    | 2004 SP    | 2004_FA    | 2005 SP    | 2005_FA    | 2006 SP    |            |
| ADMINISTRATION OF JUSTICE | 43%        | 47%        | 33%        | 71%        | 73%        | 50%        | 39%        | 47%        |
| AERONAUTICS               | 0%         | 97%        | 64%        | 47%        | 70%        |            |            | 60%        |
| AGRICULTURE               | 75%        | 67%        | 64%        | 70%        | 78%        | 66%        | 59%        | 68%        |
| ALCOHOL & OTHER DRUGS     | 56%        | 61%        | 63%        | 45%        | 26%        | 32%        | 21%        | 41%        |
| AMERICAN SIGN LANGUAGE    | 51%        | 27%        | 70%        | 75%        | 54%        | 96%        | 112%       | 104%       |
| ANTHROPOLOGY              | 98%        | 91%        | 108%       | 107%       | 84%        | 90%        | 86%        | 94%        |
| ART                       | 55%        | 52%        | 49%        | 47%        | 49%        | 43%        | 38%        | 47%        |
| ASTRONOMY                 | 107%       | 97%        | 74%        | 73%        | 60%        | 73%        | 76%        | 76%        |
| AUTOMOTIVE TECH           | 82%        | 62%        | 69%        | 73%        | 100%       | 71%        | 30%        | 68%        |
| BIOLOGICAL SCIENCES       | 89%        | 95%        | 93%        | 70%        | 66%        | 66%        | 66%        | 76%        |
| BUSINESS                  | 71%        | 87%        | 79%        | 74%        | 80%        | 74%        | 69%        | 76%        |
| BOT                       | 23%        | 17%        | 20%        | 17%        | 20%        | 14%        | 11%        | 17%        |
| CHEMISTRY                 | 82%        | 55%        | 79%        | 54%        | 50%        | 57%        | 64%        | 60%        |
| CHILD DEVELOPMENT         | 63%        | 54%        | 56%        | 56%        | 54%        | 38%        | 43%        | 52%        |
| CLOTHING                  | 37%        | 100%       | 100%       | 59%        | 69%        | 71%        | 80%        | 69%        |
| COMPUTER SCIENCE          | 73%        | 77%        | 60%        | 56%        | 59%        | 56%        | 36%        | 60%        |
| CULINARY ARTS MGMT        |            | 48%        | 84%        | 43%        | 68%        | 71%        | 66%        | 61%        |
| ECONOMICS                 | 89%        | 120%       | 89%        | 118%       | 75%        | 96%        | 80%        | 91%        |
| EDUCATION                 | 23%        | 33%        | 28%        | 29%        | 31%        | 25%        | 12%        | 25%        |
| ELECTRONICS               |            |            |            |            | 55%        |            | 43%        | 49%        |
| ENGINEERING               |            |            |            |            |            | 80%        | 15%        | 33%        |
| ENGLISH                   | 74%        | 68%        | 73%        | 75%        | 76%        | 81%        | 75%        | 74%        |
| ESL                       |            |            |            |            | 32%        | 28%        | 33%        | 31%        |
| FIRE SCIENCE              | 40%        | 27%        | 64%        | 35%        | 50%        |            | 23%        | 43%        |
| FRENCH                    | 76%        | 106%       | 64%        | 68%        | 54%        | 92%        | 52%        | 69%        |
| GEOGRAPHY                 | 83%        | 60%        |            | 71%        |            | 27%        | 0%         | 45%        |
| GEOLOGY                   | 98%        | 100%       | 89%        | 55%        | 99%        | 39%        | 43%        | 71%        |
| GUIDANCE                  | 32%        | 23%        | 53%        | 48%        | 58%        | 66%        | 47%        | 41%        |
| HEALTH                    | 75%        | 74%        | 68%        | 55%        | 75%        | 66%        | 59%        | 67%        |
| HISTORY                   | 93%        | 76%        | 81%        | 88%        | 90%        | 85%        | 79%        | 84%        |
| HUMAN SERVICES            | 11%        | 41%        | 38%        | 0%         | 57%        | 23%        | 16%        | 24%        |
| HUMANITIES                |            | 66%        |            | 62%        | 40%        | 0%         | 44%        | 42%        |
| JOURNALISM                | 98%        | 83%        | 58%        | 44%        | 83%        | 36%        | 67%        | 60%        |
| LIBRARY                   |            |            |            |            | 0%         |            | 20%        | 10%        |
| MATHEMATICS               | 64%        | 64%        | 52%        | 52%        | 50%        | 59%        | 54%        | 56%        |
| MUSIC                     | 35%        | 31%        | 33%        | 28%        | 33%        | 24%        | 28%        | 30%        |
| NATURAL RESOURCES         | 74%        | 68%        | 47%        | 53%        | 81%        | 39%        | 28%        | 51%        |
| NURSING                   |            | 15%        | 75%        | 47%        | 50%        | 53%        | 64%        | 47%        |
| PE - GENERAL              | 43%        | 50%        | 47%        | 42%        | 37%        | 29%        | 24%        | 38%        |
| PE - INTERCOLLEGIATE      | 36%        | 56%        | 47%        | 52%        | 53%        | 56%        | 62%        | 52%        |
| PE - MAJOR                | 43%        | 71%        | 23%        | 81%        | 44%        | 62%        | 31%        | 51%        |
| PHILOSOPHY                | 117%       | 109%       | 78%        | 97%        | 71%        | 80%        | 79%        | 89%        |
| PHYSICAL SCIENCES         | 104%       | 26%        | 102%       |            | 89%        | 25%        | 50%        | 62%        |
| PHYSICS                   | 13%        | 40%        | 0%         | 56%        | 39%        | 21%        | 0%         | 23%        |
| POLITICAL SCIENCE         | 96%        | 73%        | 80%        | 61%        | 59%        | 61%        | 48%        | 66%        |
| PSYCHOLOGY                | 103%       | 74%        | 85%        | 80%        | 86%        | 73%        | 75%        | 82%        |
| REAL ESTATE               | 114%       | 83%        | 85%        | 86%        | 103%       | 90%        | 62%        | 88%        |
| SOCIAL SCIENCES           |            |            |            |            |            | 75%        | 43%        | 56%        |
| SOCIOLOGY                 | 93%        | 74%        | 93%        | 72%        | 80%        | 63%        | 55%        | 74%        |
| SPANISH                   | 68%        | 60%        | 60%        | 60%        | 56%        | 56%        | 50%        | 58%        |
| SPEECH                    | 107%       | 84%        | 50%        | 90%        | 83%        | 92%        | 68%        | 79%        |
| THEATRE ARTS              | 45%        | 27%        | 34%        | 35%        | 42%        | 36%        | 29%        | 35%        |
| WELDING                   | 58%        | 61%        | 72%        | 58%        | 65%        | 58%        | 49%        | 60%        |
| WORK EXPERIENCE           | 16%        | 11%        | 12%        | 11%        | 12%        | 9%         | 2%         | 9%         |
| <b>Median Fill Rate</b>   | <b>72%</b> | <b>64%</b> | <b>64%</b> | <b>57%</b> | <b>59%</b> | <b>59%</b> | <b>48%</b> | <b>59%</b> |

N.B. Spring 2006 fill rates are still in progress and should improve slightly when the semester closes & finalizes.

## **What is fill rate?**

Fill rates compare class enrollments at census to the limit - or maximum allowed size - of the class. Fill rates are calculated by dividing the Enrollment at Census by the Class Limit. The resulting proportion is expressed as a percentage.

## **Why should I care about fill rates?**

Classes that are full are often more engaging and diverse for both the students and the teachers. Perhaps even more significant is that full classes maximize the college's limited resources and put the college in a better position to offer more classes in subsequent semesters, thereby fulfilling our mission to provide access to education for our communities.

## **What can I do about fill rates?**

The Instruction Office has found this information helpful in considering future schedules. The most benefit can be obtained when individual departments consider their own fill rates over time. Some questions to ask include:

Are the fill rates increasing or decreasing? What course offerings seem to maximize fill rates?  
Can these course selections and patterns of offerings be repeated in upcoming semesters?  
What courses don't seem to fill well? Do those courses still need to be offered?

## **My classes often have lots of concurrent sections and my fill rates are very low. Why is that?**

Many factors affect fill rates. Some classes are offered with multiple concurrent sections, each with a high limit. These classes will typically show low fill rates because each concurrent section is not very full. In these cases the absolute number given for the fill rates may not be very meaningful. However, useful information can still be gleaned from the trend over time. In essence you are comparing your class offerings against themselves in previous semesters.

## **Aren't fill rates dependent upon outside factors?**

Fill rates are certainly influenced by outside factors, but decisions that we make every semester also affect fill rates. The number and mix of classes, marketing and outreach, retention efforts and student support, customer service and public awareness -- all of these factors affect student enrollment and retention, which ultimately can be measured by the fill rate indicator.