## - INTRODUCTION

Method of Instruction can be defined as the manner in which a class is conducted or the process by which instruction occurs. Course success rates (in spring 2016) varied widely by instructional method. Table A indicates enrollments, credit units, and success rates by instructional method. The four main instructional methods in order of enrollments are: Lecture and/or Discussion (60\%), Lecture/Lab (19\%), Distance Education (14\%), and Laboratory/Studio/Activity (7\%).
Distance Education has the lowest success rate at 65.7\%.

## Table A. Enrollments and Success Rates by Method of Instruction

| Method of Instruction | Course Enrollments |  | Success |  | Credit Units |  |  |
| :---: | :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Count | Percent | Count | Rate | Number | Percent |  |
| A | Lecture/Lab | 6,424 | $18.7 \%$ | 4,864 | $\mathbf{7 5 . 7 \%}$ | $21,026.0$ | $19.4 \%$ |
| B | Laboratory/Studio/Activity | 2,500 | $7.3 \%$ | 2,096 | $\mathbf{8 3 . 8} \%$ | $2,876.5$ | $2.7 \%$ |
| D | Directed/Independent Study | 5 | $0.0 \%$ | 4 | $\mathbf{8 0 . 0 \%}$ | 11.0 | $0.0 \%$ |
| L | Lecture and/or Discussion | 20,558 | $59.8 \%$ | 14,874 | $\mathbf{7 2 . 4 \%}$ | $68,751.0$ | $63.6 \%$ |
| Q | Dist Ed: Internet delayed | 4,855 | $14.1 \%$ | 3,192 | $\mathbf{6 5 . 7 \%}$ | $15,415.0$ | $14.2 \%$ |
| W | Work Experience | 35 | $0.1 \%$ | 31 | $\mathbf{8 8 . 6 \%}$ | 84.0 | $0.1 \%$ |
| Totals / Average Success Rate |  | $\mathbf{3 4 , 3 7 7}$ | $\mathbf{1 0 0 . 0 0 \%}$ | $\mathbf{2 5 , 0 6 1}$ | $\mathbf{7 2 . 9} \%$ | $\mathbf{1 0 8 , 1 6 3 . 5}$ | $\mathbf{1 0 0 . 0 0 \%}$ |

Note: Thirty-seven (37) POSC V01 "RD" grades were excluded from the analysis.
Chart 1. Success Rates by Method of Instruction


| Diff. in Success Rate | 6.7 | 10.0 | ---- | 18.1 | --- |
| ---: | :---: | :---: | :---: | :---: | :---: |
| \% Diff. in Success Rate | $10.2 \%$ | $15.2 \%$ | --- | $27.5 \%$ | --- |

Diff. in Success Rate: Success Rate in a specific Instructional Method minus the Success Rate in Distance Ed \% Diff. in Success Rate: ((Diff. in Success Rate) divided by (Success Rate in Distance Ed)) times 100

## - DISTANCE EDUCATION - SUCCESS RATES BY ETHNICITY

The chart and table below indicate success rates by ethnicity in Distance Education and Non-Distance Education Classes.

- Comparisons are based on courses in which there were both a distance education section/s and a non-distance education section/s. Courses offered only as distance education are excluded.

Chart 2. Success Rates by Ethnicity: Distance Education Classes versus Non-Distance Education Classes


Table B. Success Rates by Ethnicity: Distance Education Classes versus Non-Distance Education Classes

| Ethnic Groups | Distance Education |  |  | Non-Distance Education |  |  | Diff. in Succ. Rate |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Seat Count | Success Count | Success Rate | Seat Count | Success Count | Success Rate | Percent Points | Percent |
| Asian | 214 | 159 | 74.3\% | 402 | 319 | 79.4\% | -5.1 | -6.4\% |
| Black (African American) | 166 | 64 | 38.6\% | 255 | 176 | 69.0\% | -30.5 | -44.1\% |
| Hispanic | 2,325 | 1,442 | 62.0\% | 7,240 | 4,804 | 66.4\% | -4.3 | -6.5\% |
| Native American | 11 | 8 | 72.7\% | 52 | 35 | 67.3\% | 5.4 | 8.1\% |
| Pacific Islander | 8 | 3 | 37.5\% | 7 | 6 | 85.7\% | -48.2 | -56.3\% |
| Multi-Ethnic | 232 | 158 | 68.1\% | 468 | 334 | 71.4\% | -3.3 | -4.6\% |
| White | 1,527 | 1,111 | 72.8\% | 2,833 | 2,123 | 74.9\% | -2.2 | -2.9\% |
| Unreported | 30 | 21 | 70.0\% | 73 | 45 | 61.6\% | 8.4 | 13.6\% |
| Tot. I Av. Rate | 4,513 | 2,966 | 65.7\% | 11,330 | 7,842 | 69.2\% | -3.5 | -5.0\% |

Diff. in Succ. Rate Percent Points $=$ (Distance Education Success Rate) - (Non-Distance Education Success Rate)
Percent $=$ (Percent Points $\div$ Non-Distance Education Success Rate) $\times 100$
Note: Success rates for Native Americans and Pacific Islanders should not be accorded much significance because of each group's low enrollments in distance education classes.

