## ■ 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 **fall 2015**) 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 (62%), Lecture/Lab (18%), Distance Education (13%), and Laboratory/Studio/Activity (7%).
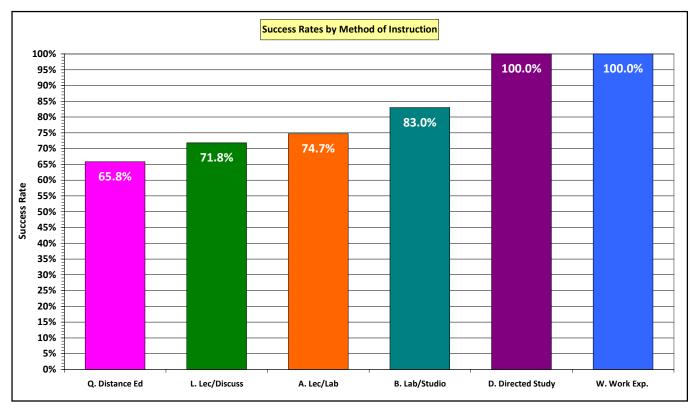
Distance Education has the lowest success rate at **65.8%**.

**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 | 6,479 | 18.29% | 4,838 | **74.7%** | 21,121.5 | 18.76% |
| B | Laboratory/Studio/Activity | 2,413 | 6.81% | 2,003 | **83.0%** | 2,875.5 | 2.55% |
| D | Directed/Independent Study | 10 | 0.03% | 10 | **100.0%** | 14.0 | 0.01% |
| L | Lecture and/or Discussion | 22,004 | 62.13% | 15,805 | **71.8%** | 74,184.5 | 65.89% |
| Q | Dist Ed: Internet delayed | 4,484 | 12.66% | 2,951 | **65.8%** | 14,314.0 | 12.71% |
| W | Work Experience | 28 | 0.08% | 28 | **100.0%** | 74.0 | 0.07% |
| | | | | | | | |
| **Totals / Average Success Rate** | | **35,418** | **100.00%** | **25,635** | **72.4%** | **112,583.5** | **100.00%** |

Note: Thirty-four (34) POSC V01 "RD" grades are excluded from the analysis.

**Chart 1. Success Rates by Method of Instruction**



Chart 1. Success Rates by Method of Instruction

| | Q. Distance Ed | L. Lec/Discuss | A. Lec/Lab | B. Lab/Studio | D. Directed Study | W. Work Exp. |
|---|---|---|---|---|---|---|
| | 65.8% | 71.8% | 74.7% | 83.0% | 100.0% | 100.0% |

| | | | | |
|---|---|---|---|---|
| **Diff. in Success Rate** | **6.0** | **8.9** | **17.2** | |
| **% Diff. in Success Rate** | **9.1%** | **13.5%** | **26.1%** | |

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 compare success rates by ethnicity in Distance Education classes to those in Non-Distance Education Classes (i.e., **all** other classes).

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

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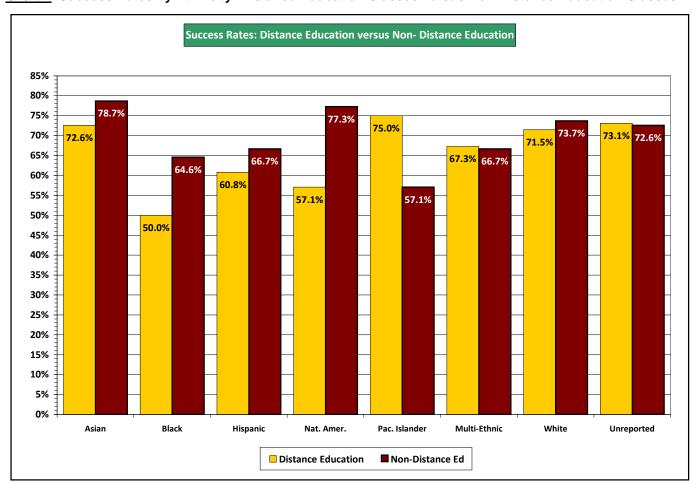


**Table B.** Success Rates by Ethnicity: Distance Education Classes versus Non-Distance Education Classes

| 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 | 201 | 146 | **72.6%** | 479 | 377 | **78.7%** | -6.1 | -7.7% |
| Black (African American) | 148 | 74 | **50.0%** | 254 | 164 | **64.6%** | -14.6 | -22.6% |
| Hispanic | 2,100 | 1,276 | **60.8%** | 7,388 | 4,926 | **66.7%** | -5.9 | -8.9% |
| Native American | 14 | 8 | **57.1%** | 44 | 34 | **77.3%** | -20.1 | -26.1% |
| Pacific Islander | 4 | 3 | **75.0%** | 7 | 4 | **57.1%** | 17.9 | 31.3% |
| Multi-Ethnic | 223 | 150 | **67.3%** | 451 | 301 | **66.7%** | 0.5 | 0.8% |
| White | 1,466 | 1,048 | **71.5%** | 3,049 | 2,248 | **73.7%** | -2.2 | -3.0% |
| Unreported | 26 | 19 | **73.1%** | 73 | 53 | **72.6%** | 0.5 | 0.7% |
| **Tot. / Av. Rate** | **4,182** | **2,724** | **65.1%** | **11,745** | **8,107** | **69.0%** | **-3.9** | **-5.6%** |