**Fresno State Student Ratings of Instruction**

**Subcommittee Report to Academic Senate**

**January 2020**

Student Ratings Processes

IDEA – AY2018-19

|  |  |  |
| --- | --- | --- |
|  | Fall 2018 | Spring 2019 |
| Number of Classes Offered | 3,045 | 2,624 |
| Number of Classed Opted Out | 302 (10% of offered classes) | 290 (11% of offered courses) |
| Number of Classes Rated on Paper Forms | 2,046 (67% of rated classes) | 1,796 (68% of rated classes) |
| Response Rate – Paper Forms | 77% | 75% |
| Number of Classes Rated Online | 999 (33% of rated classes) | 828 (32% of rated classes) |
| Response Rate – Online | 51% | 42% |
| Average Rating | 4.3 | 4.4 |

FSSRI

|  |  |  |  |
| --- | --- | --- | --- |
|  | Fall 2019 | Spring 2020  (Pivot to Virtual) | Fall 2020  (COVID) |
| Number of Classes Offered | 5,271 | 5,326 | 5,258 |
| Number of Classes Opted Out | 1,100 (21% of offered classes) | 1,233 (23% of offered classes) | 590 (11% of classes offered) |
| Number of Classes Rated on Paper Forms | 149 (4% of rated classes) | 0 | 0 |
| Response Rate – Paper Forms | cannot determine | NA | NA |
| Number of Classes Rated Online | 4,022 (96% of rated classes) | 4,093 (100% of rated classes) | 4,184 (100% of rated classes) |
| Response Rate – Online | 53% | 34% | 40% |
| Average Score | 4.38 (0.99) | 4.47 (0.88) | 4.43 (0.97) |

Evidence of Bias by Race or Gender?

There is a statistically significant difference in Total Score across gender, with female instructors having generally slightly higher scores than male instructors, but the difference is very small in absolute size.

|  |  |  |  |
| --- | --- | --- | --- |
| *Total Scores by Gender* | | | |
| Gender | *N* | Mean | Std. Deviation | |
| Female Instructors | 1803 | 4.38 | 0.46 | |
| Male Instructors | 1866 | 4.32 | 0.46 | |
| Total | 3669 | 4.35 | 0.46 | |
| *Note*. *F*(1, 3667) = 16.95, *p* < .001, = .005. | | | |

There is a statistically significant difference in total scores between *some* racial/ethnic groups, but not others. Here we only report groups with at least 100 classes (any one instructor might teach multiple classes, of courses) so as to preserve the anonymity of faculty.

|  |  |  |  |
| --- | --- | --- | --- |
| *Total Scores by Race* | | | |
| Race | *N* | Mean | Std. Deviation |
| Asian | 286 | 4.24 | 0.49 |
| Black | 100 | 4.28 | 0.46 |
| Hispanic/Latino | 588 | 4.34 | 0.47 |
| Not Specified | 169 | 4.34 | 0.43 |
| Two or More Ethnicities/Races | 187 | 4.41 | 0.46 |
| White | 2041 | 4.38 | 0.45 |
| Total | 3669 | 4.35 | 0.46 |
| *Note*. *F*(1, 3653) = 4.94, *p* < .001, = .026. | | | |

Potential Conclusions

* Even before COVID, one-third of classes were already evaluated online
* Online ratings for F2F classes dropped our response rates a bit, but not catastrophically. But during COVID rates have been catastrophically low.
* Ratings remained unchanged when we pivoted online and now during COVID-era
* Adjustments to scores based on gender and race are not clearly indicated because of multiple confounding factors, including discipline. Comparisons within discipline are desirable, but not feasible due to sample size.

**Response Rates by Department and College**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Department | Students | Response Rate |  | Department | Students | Response Rate |
| College of Arts & Humanities | | | College of Social Sciences | | |
| Armenian Studies | 112 | 74% | Africana Studies | 367 | 34% |
| Art & Design | 2,692 | 40% | Anthropology | 1,704 | 42% |
| Arts & Humanities Interdisc. | 15 | 47% | Chicano Latin Amer Studies | 1,188 | 42% |
| Communication | 3,060 | 46% | Child and Family Science | 1,541 | 57% |
| English | 3,616 | 45% | Criminology | 3,825 | 32% |
| Humanities | 763 | 42% | Geog & City & Reg Planning | 1,402 | 39% |
| Linguistics | 1,674 | 41% | History | 3,091 | 36% |
| Media, Comm, & Journalism | 1,620 | 33% | Political Science | 1,934 | 38% |
| Mod & Class Lang & Lit | 2,327 | 50% | Social Science Interdisc | 33 | 48% |
| Music | 3,569 | 42% | Sociology | 2,410 | 41% |
| Philosophy | 1,345 | 41% | Women, Gender & Sexuality | 1,032 | 46% |
| Theater and Dance | 1,493 | 40% |  |  |  |
|  |  |  |  |  |  |
| College of Health and Human Services | | | College of Science and Mathematics | | |
| Comm Sci & Deaf Studies | 2,120 | 48% | Biology | 8,169 | 34% |
| Gerontology | 476 | 46% | Chemistry | 5,867 | 37% |
| Health & Human Svs Intedisc | 698 | 45% | Computer Science | 1,593 | 44% |
| Kinesiology | 4,687 | 33% | Earth & Environ Science | 2,059 | 35% |
| Nursisng | 1,916 | 62% | Mathematics | 4,730 | 42% |
| Physical Therapy | 1,228 | 67% | Physics | 2,101 | 39% |
| Public Health | 2.248 | 38% | Psychology | 3,864 | 40% |
| Rec Admin | 678 | 39% | Science & Math Interdisc | 1,262 | 47% |
| Social Work Education | 1,551 | 62% |  |  |  |
|  |  |  |  |  |  |
| Craig School of Business | | | Jordan College of Agricultural Sci & Tech | | |
| Accountancy | 1,43 | 43% | Ag Business | 1,315 | 39% |
| Business Interdisc | 43 | 58% | Ag Sci Interdisc | 41 | 73% |
| Craig MBA | 345 | 41% | Animal Sci & Ag Education | 1,992 | 39% |
| Economics | 851 | 39% | Food Science & Nutrition | 1,149 | 47% |
| Finance & Business Law | 2,141 | 40% | Industrial Technology | 599 | 23% |
| Info Sys & Decision Sci | 2,376 | 40% | Plant Science | 1,453 | 46% |
| Management | 2,576 | 39% | Viticulture & Enology | 224 | 53% |
| Marketing & Logistics | 1,070 | 44% |  |  |  |
|  |  |  |  |  |  |
| Kremen School of Education | | | Lyles College of Engineering | | |
| Counselor Ed & Rehab | 2,252 | 44% | Construction Management | 973 | 48% |
| Curriculum & Instruction | 3,437 | 29% | Electrical & Comp Engin. | 776 | 52% |
| Ed Leadership Doc Program | 231 | 62% | Engineering Interdisc | 81 | 47% |
| Education Interdisc | 546 | 49% | Mechanical Engin. | 1,014 | 52% |
| Ed Leadership | 313 | 67% | Civil & Geomatics Engin. | 1,468 | 46% |
| Liberal Studies | 648 | 43% |  |  |  |
| Lit, Early, Biling. & Spec Ed | 1,794 | 60% |  |  |  |
|  |  |  | Smittcamp | 185 | 60% |

Content of Student Ratings – What can we learn?

FSSRI Average Scores – listed from highest mean scores to lowest

|  |  |  |  |
| --- | --- | --- | --- |
|  | Fall 2019 | Spring 2020 | Fall 2020 |
| Design-Syllabus | 4.48 | 4.50 | 4.52 |
| Assessment-Frequent Assessment | 4.40 | 4.23 | 4.50 |
|  |  |  |  |
| Design-Materials | 4.29 | 4.38 | 4.42 |
| Design-Organization | 4.34 | 4.37 | 4.42 |
| Assessment-Purposeful assessment | 4.36 | 4.38 | 4.41 |
| Design-Objectives | 4.33 | 4.38 | 4.40 |
| Delivery-Environment | 4.33 | 4.40 | 4.37 |
| Delivery-Scaffolding | 4.33 | 4.37 | 4.32 |
|  |  |  |  |
| Delivery-Connections | 4.25 | 4.28 | 4.29 |
| Assessment-Timely Feedback | 4.22 | 4.23 | 4.28 |
| Assessment-Constructive Feedback | 4.15 | 4.18 | 4.16 |
| Delivery-Active Learning | 4.20 | 4.24 | 4.14 |

Potential Conclusions:

* Strengths: the structure of our syllabi, selection of materials, organization of our classes
* Weaknesses: active learning, students do not always feel that our feedback helps them improve

Content of Student Ratings – Additional Items

Preference for Course Delivery – Fall 2020

If we were not in a pandemic, my preference for delivery of this class would have been:

* 65% face-to-face class meetings
* 15% some class meetings live on zoom, and other independent work
* 12% totally independent work online without required class meetings
* 8% all class meetings live on zoom

COVID-specific items

|  |  |  |
| --- | --- | --- |
| Item | Not at all true | Mostly or totally true |
| I completed all of the required work for this class. | 1% | 93% |
| The instructor provided an appropriate amount of instructional time. | 2% | 89% |
| I had trouble finding a private and quiet workspace for me to complete coursework for this class. | 35% | 24% |
| I had caregiving responsibilities that made it difficult for me to complete required coursework for this class. | 43% | 21% |
| I had internet connectivity issues that made it difficult for me to complete the coursework for this class. | 43% | 15% |
| My employment obligations made it difficult for me to complete required coursework for this class. | 52% | 18% |
| My emotional health made it difficult for me to complete required coursework for this class. | 33% | 28% |
| I had a hard time staying motivated to complete required coursework for this class. | 22% | 35% |

Potential Conclusions:

* The majority of our students prefer to attend live face-to-face classes, but a substantial minority prefer online or some kind of hybrid. These numbers may differ by discipline, so department chairs should consult their department level reports.

**Preference for Instruction by Department and College**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Department | F2F | Zoom | Hybrid | Online |  | Department | F2F | Zoom | Hybrid | Online |
| College of Arts & Humanities | | | | |  | College of Social Sciences | | | | |
| Armenian Studies | 58 | 17 | 16 | 9 |  | Africana Studies | 66 | 9 | 19 | 6 |
| Art & Design | 66 | 7 | 19 | 7 | Anthropology | 48 | 7 | 14 | 31 |
| Arts & Hum Interdisc. | 67 | 17 | 17 | 0 | Chicano LatinAm | 70 | 6 | 11 | 13 |
| Communication | 67 | 7 | 19 | 7 | Child and Family | 59 | 4 | 16 | 20 |
| English | 70 | 8 | 15 | 8 | Criminology | 66 | 4 | 12 | 17 |
| Humanities | 64 | 7 | 20 | 9 | Geog City Reg | 53 | 6 | 13 | 29 |
| Linguistics | 58 | 9 | 13 | 20 | History | 63 | 5 | 19 | 14 |
| Media, Comm, Journ | 57 | 4 | 17 | 23 | Political Science | 68 | 8 | 13 | 11 |
| ModClass Lang Lit | 70 | 9 | 14 | 7 | Soc Sci Interdisc | 44 | 4 | 20 | 32 |
| Music | 68 | 5 | 8 | 19 | Sociology | 58 | 5 | 13 | 23 |
| Philosophy | 70 | 6 | 12 | 12 | Wom, Gen & Sex | 56 | 6 | 20 | 17 |
| Theater and Dance | 65 | 5 | 13 | 17 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| College of Health and Human Services | | | | |  | College of Science and Mathematics | | | | |
| Comm Sci & Deaf St | 70 | 6 | 13 | 10 |  | Biology | 68 | 9 | 14 | 9 |
| Gerontology | 37 | 5 | 14 | 44 | Chemistry | 73 | 11 | 14 | 3 |
| HHS Intedisc | 36 | 5 | 15 | 45 | Computer Science | 66 | 14 | 14 | 6 |
| Kinesiology | 78 | 4 | 10 | 8 | Earth & Envir Sci | 60 | 4 | 11 | 25 |
| Nursisng | 66 | 10 | 11 | 13 | Mathematics | 70 | 10 | 13 | 7 |
| Physical Therapy | 77 | 7 | 12 | 4 | Physics | 73 | 9 | 13 | 5 |
| Public Health | 55 | 9 | 16 | 20 | Psychology | 69 | 4 | 13 | 14 |
| Rec Admin | 68 | 4 | 19 | 10 | Sci & Math Interd | 59 | 8 | 15 | 19 |
| Social Work Educ | 68 | 8 | 19 | 5 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| Craig School of Business | | | | |  | Jordan College of Agricultural Sci & Tech | | | | |
| Accountancy | 71 | 7 | 12 | 10 |  | Ag Business | 64 | 10 | 21 | 5 |
| Business Interdisc | 71 | 17 | 8 | 4 | Ag Sci Interdisc | 76 | 0 | 21 | 3 |
| Craig MBA | 58 | 10 | 21 | 11 | An Sci & Ag Educ | 75 | 4 | 12 | 9 |
| Economics | 66 | 7 | 13 | 14 | Food Sci & Nutr | 61 | 9 | 23 | 8 |
| Fin & Bus Law | 58 | 10 | 17 | 15 | Industrial Tech | 52 | 8 | 21 | 18 |
| Info Sys & Dec Sci | 61 | 8 | 17 | 14 | Plant Science | 76 | 9 | 12 | 4 |
| Management | 56 | 13 | 19 | 13 | Vit & Enology | 74 | 4 | 20 | 2 |
| Mktg & Logistics | 59 | 9 | 19 | 13 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| Kremen School of Education | | | | |  | Lyles College of Engineering | | | | |
| Counselor Ed & Rehab | 66 | 1 | 14 | 6 |  | Constr Mgmt | 66 | 10 | 20 | 4 |
| Curr & Instruction | 45 | 7 | 22 | 26 | Elect & Comp Eng | 67 | 13 | 16 | 4 |
| Ed Lead Doc Program | 41 | 7 | 42 | 10 | Eng Interdisc | 53 | 25 | 19 | 3 |
| Education Interdisc | 59 | 11 | 18 | 13 | Mech Eng | 73 | 13 | 12 | 3 |
| Ed Leadership | 80 | 4 | 14 | 2 | Civil & Geom Eng | 71 | 11 | 15 | 3 |
| Liberal Studies | 68 | 6 | 18 | 8 |  |  |  |  |  |
| Lit, Early, Biling. Spec | 54 | 7 | 25 | 13 |  |  |  |  |  |
|  |  |  |  |  | Smittcamp | 70 | 9 | 15 | 6 |