

Administration of Justice

| Program Student Learning Outcomes Assessment for Instructional Programs at Fullerton College | | | |
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| Intended Outcomes | Means of Assessment & Criteria for Success | Summary of Data Collected | Use of Results |
| 1. Development and implementation of PSLO's will reflect an increase in student success. | KPI data and reliable indicators will assess the success of the intended outcome. | KPI trends will reflect data collection in three-year increments. This will establish a baseline and objective consistent indicators for each subgroup. | The results will validate data trends and PSLO's during the next cycle for reevaluation. |
| 2. Development and implementation of PSLO's will reflect an increase in student retention. | KPI data and reliable indicators will assess the success of the intended outcome. | KPI trends will reflect data collection in three-year increments. This will establish a baseline and objective consistent indicators for each subgroup. | The results will validate data trends and PSLO's during the next cycle for reevaluation. |

Automotive Technology

| Program Student Learning Outcomes Assessment for Instructional Programs at Fullerton College | | | |
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| Intended Outcomes | Means of Assessment & Criteria for Success | Summary of Data Collected | Use of Results |
| 1. Implementation of PSLO's will reflect an increase in student success. | KPI data with measurable indicators will assess the success of the intended outcome. | KPI results will reflect data collection every three year. This will establish a baseline and consisted objectives for each group. | The results will validate data trends and PSLO's during the next cycle for reevaluation. |
| 2. Implementation of PSLO's will reflect an increase in student retention. | KPI data and reliable indicators will assess the success of the intended outcome. | KPI trends will reflect data collection in three year increments. This will establish a baseline and consistent objectives for each group. | The results will validate data information and PSLO's during the next cycle for reevaluation. |

Cinema Radio and Television
Television/Film Associate of Arts Degree

| Program Student Learning Outcomes Assessment for Instructional Programs at Fullerton College | | | |
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| Intended Outcomes | Means of Assessment & Criteria for Success | Summary of Data Collected | Use of Results |
| 1. Students will be able to distinguish between attached shadows that influence perception of shape and texture and cast shadows that articulate distance from a surface or other objects | Exams Question | Spring 2014 – 41 Students 76% answered correctly. Of the 27 who received an A – C grade 100% answered correctly. | No changes in instruction needed |
| 2. Students will be able to distinguish how volume of light, distance, color spill, and mixed color temperature can compromise the accurate appearance of color. | Exam Question | Spring 2014 – 41 Students 71% answered correctly. Of the 27 who received an A – C grade 100% answered correctly. | No changes in instruction needed |
| 3. Students will be able to demonstrate proficiency in ability to direct a production using the proper terminology 75% of the time. | Directing live production/ Instructor kept track of correct terminology | Spring 2013 – 33 students Spring 2014 – 31 students Both semesters all students used proper terminology over 90% of the time. | No changes in instruction needed |
| 4. Given a written example students will be able to calculate proper f-stop settings. | Written Test/Calculation question | Fall 2012 – 40 students 65% were able to calculate correctly Fall 2013 – 34 students 76% were able to calculate correctly | Between 2012 & and 2013 instructor institutionalized remedial worksheets on all subjects. |

Television/Film Production Certificate

| Program Student Learning Outcomes Assessment for Instructional Programs at Fullerton College | | | |
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| Intended Outcomes | Means of Assessment & Criteria for Success | Summary of Data Collected | Use of Results |
| 1. Students will be able to identify key factors pertaining to the business operations of the radio, television and film industries. | Written Exam/ 70% or higher on specified questions | Fall 2013 – 77 students 78% of the students received 70% or higher. Of those who successfully completed class with a grade of A – C 89% received 70% or higher. | Have already institutionalized remedial materials. |
| 2. Students will be able to distinguish how volume of light, distance, color spill, and mixed color temperature can compromise the accurate appearance of color. | Exam Question | Spring 2014 – 41 Students 71% answered correctly. Of the 27 who received an A – C grade 100% answered correctly. | No changes in instruction needed |
| 3. Students will be able to produce radio, internet radio and television | Live Studio and Edited productions | Fall 2013 – 48 Students Spring 2014 – 46 | No changes in instruction needed. |

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| recordings using digital audio software. | depending on class | Students 100% of students were able to produce a video program. | |
| 4. Given a written example students will be able to calculate proper f-stop settings. | Written Test/Calculation question | Fall 2012 – 40 students 65% were able to calculate correctly Fall 2013 – 34 students 76% were able to calculate correctly | Between 2012 & 2013 instructor institutionalized remedial worksheets on all subjects. |

Radio and Television/Video Certificate

| Program Student Learning Outcomes Assessment for Instructional Programs at Fullerton College | | | |
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| Intended Outcomes | Means of Assessment & Criteria for Success | Summary of Data Collected | Use of Results |
| 1. Students will be able to identify key factors pertaining to the business operations of the radio, television and film industries. | Written Exam/ 70% of higher on specified questions | Fall 2013 – 77 students 78% of the students received 70% or higher. Of those who successfully completed class with a grade of A – C, 89% received 70% or higher. | Have already institutionalized remedial materials. |
| 2. Students will be able to compose written copy for radio, TV, film and the Internet. | Programs and Exams | Fall 2011 100% of students successfully achieved. | With 100% achievement there is no need for additional attention. |
| 3. Students will be able to produce radio, internet radio and television recordings using digital audio software. | Live Television Studio, Edited Television, Audio recording | Fall 2011 – 19 Students Fall 2013 – 48 Students 100% successfully produced a program | With 100% achievement there is no need for additional attention. |
| 4. Given a written example students will be able to calculate proper f-stop settings. | Written Test/Calculation question | Fall 2012 – 40 students 65% were able to calculate correctly Fall 2013 – 34 students 76% were able to calculate correctly | Between 2012 & 2013 instructor institutionalized remedial worksheets on all subjects. |

Radio Broadcasting A.A. Degree

| Program Student Learning Outcomes Assessment for Instructional Programs at Fullerton College | | | |
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| Intended Outcomes | Means of Assessment & Criteria for Success | Summary of Data Collected | Use of Results |
| Student will be prepared to transfer a four year university to continue their studies, and to compose an employment package for entry-level employment in the radio industry, broadcast entity or audio production company. | Through assessment of course student learning outcomes, students were evaluated through various projects and laboratory activities. | Students are successful. | Creation of new instructional materials. |

Radio Production A.A. Degree

| Program Student Learning Outcomes Assessment for Instructional Programs at Fullerton College | | | |
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| Intended Outcomes | Means of Assessment & Criteria for Success | Summary of Data Collected | Use of Results |
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| Student will be prepared to transfer a four year university to continue their studies, and to compose an employment package for entry-level employment in the radio industry, production house, agency, studio or audio production company. | Through assessment of course student learning outcomes, students were evaluated through various projects and laboratory activities. | Students are successful. | Creation of new instructional materials. |

Radio Broadcasting Certificate

| <i>Program Student Learning Outcomes Assessment for Instructional Programs at Fullerton College</i> | | | |
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| Intended Outcomes | Means of Assessment & Criteria for Success | Summary of Data Collected | Use of Results |
| Student will be prepared to compose an employment package for entry-level employment in the radio industry or audio production company, or complete General Education requirements and transfer to a four year university to continue their studies. | Through assessment of course student learning outcomes, students were evaluated through various projects and laboratory activities. | Students are successful, by and large. | Creation of new instructional materials. |

Sports Broadcasting Certificate

| <i>Program Student Learning Outcomes Assessment for Instructional Programs at Fullerton College</i> | | | |
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| Intended Outcomes | Means of Assessment & Criteria for Success | Summary of Data Collected | Use of Results |
| Student will be prepared for entry-level position in sports broadcasting/sports journalism, or complete their A.A. Degree/transfer to a CSU. | Through assessment of course student learning outcomes, students were evaluated through various projects and laboratory activities. | Students are successful. | Creation of new instructional materials. |

Construction Technology

| <i>Program Student Learning Outcomes Assessment for Instructional Programs at Fullerton College</i> | | | |
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| Intended Outcomes | Means of Assessment & Criteria for Success | Summary of Data Collected | Use of Results |
| 1. A.S. Degree in Architecture / CAD Certificate. The intention for the PSLO is for students to have the qualifications necessary to enter entry-level employment and to successfully transfer to a B.ARCH. Program at a university. | A minimum of 70% success rate in all required courses will be mandatory for the criteria for successful completion. Means of assessments are by quizzes, exams, and projects. | 118 students assessed 92% average success rate from Fall 2011 to Fall 2014 | Use as an established benchmark for future achievements. |

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| <p>2. Upon successful completion of the Carpentry Associate in Arts Degree, the graduate will be able to qualify for entry-level employment positions within the Construction Industry and / or transfer to a four-year university.</p> | <p>A minimum of 70% success rate in all required courses will be mandatory for the criteria for successful completion.Means of assessments are by quizzes, exams, and projects.</p> | <p>125 students assessed 89% average success rate from Fall 2011 to Fall 2014</p> | <p>We are on track with these results. Strive for higher percentage of success</p> |
| <p>3. Upon successful completion of the Construction Inspection Associate of Science Degree, the graduate will be able to qualify for entry-level employment positions within the Construction Inspection Industry and / or transfer to a four-year university.</p> | <p>A minimum of 70% success rate in all required courses will be mandatory for the criteria for successful completion.Means of assessments are by quizzes, exams, and projects.</p> | <p>90 students assessed 94% average success rate from Fall 2011 to Fall 2014</p> | <p>Use as an established benchmark for future achievements.</p> |
| <p>4. Upon successful completion of the Construction Management Associate in Science Degree, the graduate will be able to qualify for entry-level employment positions within the Construction Industry and / or transfer to a four-year university.</p> | <p>A minimum of 70% success rate in all required courses will be mandatory for the criteria for successful completion. Means of assessments are by quizzes, exams, and projects.</p> | <p>62 students assessed 95% average success rate from Fall 2011 to Fall 2014</p> | <p>Use as an established benchmark for future achievements.</p> |
| <p>5. Upon successful completion of the Construction Technology Associate in Science Degree, the graduate will be able to qualify for entry-level employment positions within the Construction Industry and / or transfer to a four-year university.</p> | <p>A minimum of 70% success rate in all required courses will be mandatory for the criteria for successful completion.Means of assessments are by quizzes, exams, and projects.</p> | <p>163 students assessed 85% average success rate from Fall 2011 to Fall 2014</p> | <p>We are on track with these results. Strive for higher percentage of success</p> |
| <p>6. Upon successful completion of the core curriculum for the Construction Estimating Certificate, the student will be able to qualify for entry level construction estimating positions with knowledge in both manual and computer based estimating procedures</p> | <p>A minimum of 70% success rate in all required courses will be mandatory for the criteria for successful completionMeans of assessments are by quizzes, exams, and projects..</p> | <p>45 students assessed 88% average success rate from Fall 2011 to Fall 2014</p> | <p>We are on track with these results. Strive for higher percentage of success</p> |
| <p>7. Upon successful completion of the core curriculum for the Construction Inspection Certificate, the student will be able to sit for the appropriate code examination for certification by the appropriate code agency.</p> | <p>A minimum of 70% success rate in all required courses will be mandatory for the criteria for successful completion. Means of assessments are by quizzes, exams, and projects.</p> | <p>62 students assessed 94% average success rate from Fall 2011 to Fall 2014</p> | <p>Use as an established benchmark for future achievements</p> |

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| <p>8. Upon successful completion of the core curriculum for the Construction Technology Certificate, the student will be able to qualify for 1 1/2 years credit towards the California State Contractor's License Board Contractors license requirements.</p> | <p>A minimum of 70% success rate in all required courses will be mandatory for the criteria for successful completion.</p> | <p>163 students assessed 85% average success rate from Fall 2011 to Fall 2014</p> | <p>We are on track with these results. Strive for higher percentage of success</p> |
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Cosmetology

| Program Student Learning Outcomes Assessment for Instructional Programs at Fullerton College | | | |
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| Intended Outcomes | Means of Assessment & Criteria for Success | Summary of Data Collected | Use of Results |
| <p>Students will be able to demonstrate proper disinfection procedures mandated by the Board of Barbering and Cosmetology.</p> | <p>Instructor will evaluate student's knowledge of proper disinfection procedures through practical performance examinations. The levels that were mapped for this examination were Levels 1, 2, 3, 4, & 5.</p> | <p>There were 125 students evaluated through practical performance examinations and 118 passed or 95% of students were successful.</p> | <p>Improvement should be made in all levels to include a practical progress charts requiring students to demonstrate proper disinfection techniques, daily, monitored by the instructor.</p> |
| <p>Students will be able to demonstrate proper procedures in the application of Sodium Hydroxide Relaxer, and safety precautions as required by the Board of Barbering and Cosmetology and for licensure.</p> | <p>Instructor will evaluate student's practical demonstration, observation in lab, and practical mock board exams on the application of Sodium Hydroxide. Level 5 was used to map and assess the criteria.</p> | <p>80 students were evaluated by practical mock board exams with a success rate of 85% or 68 students accomplishing the task with a passing practical grade.</p> | <p>Mock boards and performance evaluations should continue to be monitored and practiced in level 5 requiring proper procedure and timed practical exams.</p> |

Engineering

| Program Student Learning Outcomes Assessment for Instructional Programs at Fullerton College | | | |
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| Intended Outcomes | Means of Assessment & Criteria for Success | Summary of Data Collected | Use of Results |
| <p>1. Upon successful completion of courses leading to the Engineering Associate in Science Degree, students will have an ability to apply knowledge of mathematics, science, and engineering</p> | <p>PSLO #1 was assessed through CSLOs: ENGR 110 SLO#2 Final exam, question 2, Success 3.5/5 pts ENGR 101A SLO#1 midterm exam, question #35, Success 3/4 pts ENGR 201 SLO#1 Final exam, questions 2 & 4b, Success 10/14 pts ENGR 203 SLO#2 Final exam, question 3, Success 11/16 pts</p> | <p>61/76 students met the SLO =80%</p> | <p>Results were discussed among the three faculty teaching the courses used in the PSLOs. The somewhat lower success rate in PSLO #1 appears to be due to weaker ability of the student to execute mathematical methods in applied problems. In order to improve this weakness the ENGR department</p> |

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| | | | supports the Mathematics program in providing more assistance to Calculus students by including them in the courses that have access to the Math Lab. |
| 2. Upon successful completion of courses leading to the Engineering Associate in Science Degree, students will have an ability to design and conduct experiments, as well as to analyze and interpret data. | PSLO #2 was assessed through CSLOs: ENGR 101A SLO#2 Multiple Lab reports, Success 7/10 pts ENGR 203L SLO#2 Lab report #3, overall score, Success 8/10 pts | 27/31 students met the SLO =87% | Results were discussed among the three faculty teaching the courses used in the PSLOs. In the future more specific assessment targeting this PSLO should be used to increase the sample size to a significant level. |
| 3. Upon successful completion of courses leading to the Engineering Associate in Science Degree, students will have an ability to identify, formulate, and solve engineering problems. | PSLO #3 was assessed through CSLOs: ENGR 105 SLO#1 Exam scores ENGR 105 SLO#2 Student project presentations ENGR 201 SLO#1 Final exam, questions 2 & 4b, Success 10/14 pts ENGR 201 SLO#2 Final exam, FBD on questions 1-4, Success 3/4 pts ENGR 203 SLO#1 Final exam, question 1, Success 9/12 pts ENGR 203L SLO#2 Lab report #3, overall score, Success 8/10 pts | 115/130 students met the SLO =88% | Results were discussed among the three faculty teaching the courses used in the PSLOs. Improvements can be made on individual CSLOs leading to this PSLO. |
| 4. Upon successful completion of courses leading to the Engineering Associate in Science Degree, students will have an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice. | PSLO #4 was assessed through CSLOs: ENGR 101A SLO#1 midterm exam, question #35, Success 3/4 pts ENGR 101A SLO#2 Multiple Lab reports, Success 7/10 pts ENGR 105 SLO#1 Exam scores ENGR 203L SLO#1 Lab report #3, circuits & graphs, Success 2.5/3 pts | 49/54 students met the SLO =91% | Results were discussed among the three faculty teaching the courses used in the PSLOs. Students generally perform well using tools such as lab equipment and software programs. Some of the tools used are however outdated, and the Engineering Program will strive to update the equipment and software used in its courses and keep them up to current industry standards. |

Fashion

| Program Student Learning Outcomes Assessment for Instructional Programs at Fullerton College | | | |
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| Intended Outcomes | Means of Assessment & Criteria for Success | Summary of Data Collected | Use of Results |
| Upon successful completion of the Fashion Merchandising Certificate the student will be able to define and discuss the role of the retail fashion buyer in today's retail environment and complete the necessary requirements for | Written Exam The minimum score on this exam for successful completion of the outcome was 80%. | 75% students were successfully in solving problems, role-playing, creative thinking and negotiating in the fashion merchandising | Implement a lecture in the beginning to address retail apparel math that is needed to understand course materials and |

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| certification for employment in fashion merchandise. | | field. | application. The added advanced retail buying class is needed to address these findings. |
| Upon successful completion of the Patternmaking Skill Certificate the student will be able to demonstrate the skills and complete the necessary requirements for certification for employment as a patternmaker in fashion design industry. | Project | Students were particularly successful in the project outcome when a personal choice of creating patterns was chosen. 95% were successful in creating patterns from the demos/lectures of pre chosen pattern assignments. | Implement a lecture in the beginning to address math weaknesses and properly read a ruler that is needed to understand course materials and application. Lab assistants are needed during the beginning sewing courses. |
| Upon successful completion of courses leading to the Advanced Fashion Design Certificate the successful student will be prepared to create an employment portfolio for entry- level employment in the fashion apparel industry as a fashion design room assistant or an assistant designer. | Projects | 100% of students were successful knowing they were able to showcase their designs. Knowledge of lingo in the apparel industry is necessary to be able to draw inspiration from the past to design contemporary fashions. | Since there is 100% success rate we plan to take no action on this particular outcome. |
| Upon successful completion of the Fashion Illustration Certificate the student will be able to illustrate the 10 head figure(croquis) and generate folds, pleats and gathers of clothing and complete the necessary requirements for certification for employment in fashion illustration. | Projects | 100% of the students were successful in completing a project illustrating fashion. | Since there is 100% success rate we plan to take no action on this particular outcome. |
| Upon successful completion of the Dressmaking-Alterations Certificate the student will be able to demonstrate the skills and complete the necessary requirements for certification for employment in dressmaking and alterations field | Projects | For the 11 students assessed, 27% did not meet outcome because of students sewing during lecture/demo time did not achieve good results in some classes. | Sewing preliminary samples increased the student's success and proficiency level. Implement a standard skill set for beginning sewing for all sections. Lab assistants are needed during the beginning sewing courses. |
| 6. Upon successful completion of the Fashion Design Certificate the student will be able to demonstrate the skills and complete the necessary requirements for certification for employment in fashion design | Projects and Exams | For 24 students assessed 75% of the students were successful. The other 25% student's performance on exams were affected because of their choice not to use the study guides throughout the semester. | Building communication skills and hands on skills to work in an apparel factory setting is seen throughout all courses in certificate. Implement a standard skill set for beginning sewing for all sections. |

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| 7 | Upon successful completion of the Image Consultant Certificate the student is prepared for a career as a wardrobe and color consultant for entry-level employment with major retailers, image consulting firms, or self-employment. | Written Exam 100% of the students completed an evaluation of several career paths available in the fashion Industry. | 100% of the students were successful in able to analyze their target customer was seen through all courses. | In so doing the student can further narrow their career choice and focus on the necessary classes to procure a job in the fashion industry. |
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Interior Design

| Program Student Learning Outcomes Assessment for Instructional Programs at Fullerton College | | | |
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| Intended Outcomes | Means of Assessment & Criteria for Success | Summary of Data Collected | Use of Results |
| 1. To identify, analyze and apply the correct information for all outcomes | Quizzes, exams Practical application | Statistical percentage | NA assessments were successful Apply to future classes if required |

Journalism

| Program Student Learning Outcomes Assessment for Instructional Programs at Fullerton College | | | |
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| Intended Outcomes | Means of Assessment & Criteria for Success | Summary of Data Collected | Use of Results |
| 1. Students will be able to assess the news value of an article. | Successful answering of question on exam. | 90% of students assessed were successful | |
| 2. Students will be able to construct a factual, well-sourced article for publication. | Production of an article with a C or better grade. | 100% of students assessed were successful | |
| 3. Students will be able to create a multimedia story suitable for publication | Production of a 2-minute video package with a C or better grade. | 80% of students assessed were successful. | |
| 4. Students will be able to evaluate a written or broadcast story and identify libel or slander. | Successful answering of question on exam. | 90% of students assessed were successful. | |

Manufacturing

Drafting

| Program Student Learning Outcomes Assessment for Instructional Programs at Fullerton College | | | |
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| Intended Outcomes | Means of Assessment & Criteria for Success | Summary of Data Collected | Use of Results |
| 1. Upon successful completion of the Industrial Drafting Associate in Science Degree the student will be able to demonstrate the skills and qualifications necessary for entry level employment in the mechanical computer-aided drafting design fields. | The assessment is conducted in the final. 2 processes are required to complete the project in the final. If both processes are not achieved correctly, then the assessment would not be considered a success. | All courses in the Drafting program are measured in a similar fashion using 2 processes in a final to determine success. | At the time of last assessment, the success rate was 95%. The next assessment outcome will determine if improvement is required. |
| 2. | The assessment is | All courses in the | At the time of last |

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| Upon successful completion of the Industrial Drafting Certificate Level I the student will be able to demonstrate the skills and qualifications necessary for entry level employment in the mechanical computer-aided drafting design fields. Upon completion of the Level I Certificate, students will be prepared to continue to complete the Industrial Drafting Certificate Level II. | conducted in the final. 2 processes are required to complete the project in the final. If both processes are not achieved correctly, then the assessment would not be considered a success. | Drafting program are measured in a similar fashion using 2 processes in a final to determine success. | assessment, the success rate was 95%. The next assessment outcome will determine if improvement is required. |
| 3. Industrial Drafting Certificate Level II is designed to provide focused technical grounding and exposes students to advanced drafting design technologies. This certificate enables students to pursue competitive employment in the mechanical design field, beyond entry level. | The assessment is conducted in the final. 2 processes are required to complete the project in the final. If both processes are not achieved correctly, then the assessment would not be considered a success. | All courses in the Drafting program are measured in a similar fashion using 2 processes in a final to determine success. | At the time of last assessment, the success rate was 95%. The next assessment outcome will determine if improvement is required. |

Machine

| | Program Student Learning Outcomes (PSLOs) | Date Assessment Completed | Date(s) Data Analyzed | Date(s) Data Used For Improvement | Number of Cycles Completed |
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| 1. | Upon successful completion of CNC Operator Certificate the student will be able demonstrate the skills and mastery of theoretical knowledge required for entry level employment in machining occupations. | 12/15/2011 | 12/20/2011 | 5/1/2012 | 1 |
| 2. | Upon successful completion of Machine Technology Level 1 Certificate the student will be able Gain entry level employment in a manufacturing company with machine tools. | 12/15/2011 | 12/20/2011 | 5/1/2012 | 1 |
| 3. | Upon successful completion of Machine Technology Level 2 Certificate the student will be able to Gain entry level employment in a manufacturing company with machine tools. | 12/15/2011 | 12/20/2011 | 5/1/2012 | 1 |
| 4. | Upon successful completion of Computer Numerical Control (CNC) Certificate the student will be able to; Gain entry level employment in as a CNC programmer in a manufacturing company with CNC machinery. | 12/15/2011 | 12/20/2011 | 5/1/2012 | 1 |
| 5. | Upon successful completion of Mastercam Skills Certificate the student will be able to; Demonstrate the use of Mastercam software to accurately program multi axis CNC machine tools. | 12/15/2011 | 12/20/2011 | 5/1/2012 | 1 |

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| 6. | Upon successful completion of Surfcam Skills Certificate the student will be able to; Demonstrate the use of Surfcam software to accurately program multi axis CNC | 12/15/2011 | 12/20/2011 | 5/1/2012 | 1 |
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Machine

| Program Student Learning Outcomes Assessment for Instructional Programs at Fullerton College | | | |
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| Intended Outcomes | Means of Assessment & Criteria for Success | Summary of Data Collected | Use of Results |
| 1. Upon successful completion of CNC Operator Certificate the student will be able demonstrate the skills and mastery of theoretical knowledge required for entry level employment in machining occupations. | The assessment is conducted in the final. Two critical outcomes of the SLOs' are required to complete the assessment. If both outcomes are not achieved correctly, then the assessment would not be considered a success | All courses in the machining program are measured in a similar fashion using two outcomes in a final test or assignment to determine success. | At the time of last assessment, the success rate was 95%. The next assessment outcome will determine if improvement is required. |
| 2. Upon successful completion of Machine Technology Level 1 Certificate the student will be able Gain entry level employment in a manufacturing company with machine tools. | The assessment is conducted in the final. Two critical outcomes of the SLOs' are required to complete the assessment. If both outcomes are not achieved correctly, then the assessment would not be considered a success | All courses in the machining program are measured in a similar fashion using two outcomes in a final test or assignment to determine success. | At the time of last assessment, the success rate was 95%. The next assessment outcome will determine if improvement is required. |
| 3. Upon successful completion of Machine Technology Level 2 Certificate the student will be able to Gain entry level employment in a manufacturing company with machine tools. | The assessment is conducted in the final. Two critical outcomes of the SLOs' are required to complete the assessment. If both outcomes are not achieved correctly, then the assessment would not be considered a success | All courses in the machining program are measured in a similar fashion using two outcomes in a final test or assignment to determine success. | At the time of last assessment, the success rate was 95%. The next assessment outcome will determine if improvement is required. |
| 4. Upon successful completion of Computer Numerical Control (CNC) Certificate the student will be able to; Gain entry level employment in as a CNC programmer in a manufacturing company with CNC machinery. | The assessment is conducted in the final. Two critical outcomes of the SLOs' are required to complete the assessment. If both outcomes are not achieved correctly, then the assessment would not be considered a | All courses in the machining program are measured in a similar fashion using two outcomes in a final test or assignment to determine success. | At the time of last assessment, the success rate was 95%. The next assessment outcome will determine if improvement is required. |

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| | success | | |
| 5. Upon successful completion of Mastercam Skills Certificate the student will be able to; Demonstrate the use of Mastercam software to accurately program multi axis CNC machine tools. | The assessment is conducted in the final. Two critical outcomes of the SLOs' are required to complete the assessment. If both outcomes are not achieved correctly, then the assessment would not be considered a success | All courses in the machining program are measured in a similar fashion using two outcomes in a final test or assignment to determine success. | At the time of last assessment, the success rate was 95%. The next assessment outcome will determine if improvement is required. |
| 6. Upon successful completion of Surfcam Skills Certificate the student will be able to; Demonstrate the use of Surfcam software to accurately program multi axis CNC | The assessment is conducted in the final. Two critical outcomes of the SLOs' are required to complete the assessment. If both outcomes are not achieved correctly, then the assessment would not be considered a success | All courses in the machining program are measured in a similar fashion using two outcomes in a final test or assignment to determine success. | At the time of last assessment, the success rate was 95%. The next assessment outcome will determine if improvement is required. |

Photography

| Program Student Learning Outcomes Assessment for Instructional Programs at Fullerton College | | | |
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| Intended Outcomes | Means of Assessment & Criteria for Success | Summary of Data Collected | Use of Results |
| 1. Upon successful completion of the Associate Arts Degree in Photography the student will be qualified for entry-level employment and/or transfer to a four-year university. | Presented curriculum and course content to advisory committee. | Need to revise PHOT 111 for CSU-CI status to help provide students with successful transfer to a four year university. | Revised PHOT 111 F Approved at DCCC 11/2014 |
| 2. Upon successful completion of courses leading to the Certificate in Professional Photography students will be able to produce a variety of lighting diagrams necessary to be qualified for entry-level employment. | Presented curriculum and course content to advisory committee. | Advisory Committee concluded: Photography program needs a Business of Photography course. The photography program has a disproportionate distribution of beginning B&W photography classes in comparison with beginning digital photography class. (Six B&W and two | There is now a <u>New Business Practices for Photography</u> course pending in curriculum. We have begun open discussion about possible changes to course offering. |
| | | digital) The program needs to offer more beginning digital classes to reflect the digital trend in the current photography market. | |

Printing

| Program Student Learning Outcomes Assessment for Instructional Programs at Fullerton College | | | |
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| Intended Outcomes | Means of Assessment & Criteria for Success | Summary of Data Collected | Use of Results |
| 1. Upon successful completion of Associate Science Degree In Printing Technology the students will be able to be qualified for entry-level employment and/or transfer to a four-year university. | Through assessment of course student learning outcomes. Students were evaluated through various projects and laboratory activities. | Between the period of Spring 2012 through Spring 2014, 502 students were assessed and 459 were successful, resulting in a 91% outcome success rate. | Creation of new instructional materials and implementation of new software. |
| 2. Upon successful completion of Customer Service Training Skills Certificate the students will be able to be qualified for entry-level employment in the Customer Service sector of the printing industry. | Through assessment of course student learning outcomes. Students were evaluated through various projects and laboratory activities. | Between the period of Spring 2012 through Spring 2014, 502 students were assessed and 459 were successful, resulting in a 91% outcome success rate. | Creation of new instructional materials and implementation of new software. |
| 3. Upon successful completion of Digital Printing Certificate students will be able to be qualified for entry-level employment in the digital printing sector of printing industry. | Through assessment of course student learning outcomes. Students were evaluated through various projects and laboratory activities. | Between the period of Spring 2012 through Spring 2014, 502 students were assessed and 459 were successful, resulting in a 91% outcome success rate. | Creation of new instructional materials and implementation of new software. |
| 4. Upon successful completion of Electronic Imaging Certificate the students will be able to be qualified for entry-level employment in the electronic imaging sector of the printing industry. | Through assessment of course student learning outcomes. Students were evaluated through various projects and laboratory activities. | Between the period of Spring 2012 through Spring 2014, 502 students were assessed and 459 were successful, resulting in a 91% outcome success rate. | Creation of new instructional materials and implementation of new software. |
| 5. Upon successful completion of Screen Printing Certificate students will be able to be qualified for entry-level employment in the screen-printing sector of the printing industry. | Through assessment of course student learning outcomes. Students were evaluated through various projects and laboratory activities. | Between the period of Spring 2012 through Spring 2014, 502 students were assessed and 459 were successful, resulting in a 91% outcome success rate. | Creation of new instructional materials and implementation of new software. |
| 6. Upon successful completion of Printing Technology (General) Certificate students will be able to be qualified for entry-level employment in the general printing sector of the printing industry. | Through assessment of course student learning outcomes. Students were evaluated through various projects and laboratory activities. | Between the period of Spring 2012 through Spring 2014, 502 students were assessed and 459 were successful, resulting in a 91% outcome success rate. | Creation of new instructional materials and implementation of new software. |
| 7. Upon successful completion of the Graphic Communications Certificate students will be able to be qualified for entry-level employment in the graphics | Through assessment of course student learning outcomes. Students were evaluated through various projects and laboratory activities. | Between the period of Spring 2012 through Spring 2014, 502 students were assessed and 459 were successful, resulting in a 91% outcome success rate. | Creation of new instructional materials and |

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| 7. | communications sector of the printing industry. | | | implementation of new software. |
| 8. | Upon successful completion of the Offset Duplicator Training Skills Certificate students will be able to be qualified for entry-level employment in the Offset Duplicator Training Skills sector of the printing industry. | Through assessment of course student learning outcomes. Students were evaluated through various projects and laboratory activities. | Between the period of Spring 2012 through Spring 2014, 502 students were assessed and 459 were successful, resulting in a 91% outcome success rate. | Creation of new instructional materials and implementation of new software. |
| 9. | Upon successful completion of the Offset Advanced Offset Presswork Certificate students will be able to be qualified for entry-level employment in the Advanced Offset Presswork sector of the printing industry. | Through assessment of course student learning outcomes. Students were evaluated through various projects and laboratory activities. | Between the period of Spring 2012 through Spring 2014, 502 students were assessed and 459 were successful, resulting in a 91% outcome success rate. | Creation of new instructional materials and implementation of new software. |
| 10. | Upon successful completion of the Quick Print/In-Plant Graphics Certificate students will be able to be qualified for entry-level employment in the Quick Print/In-Plant Graphics sector of the printing industry. | Through assessment of course student learning outcomes. Students were evaluated through various projects and laboratory activities | Between the period of Spring 2012 through Spring 2014, 502 students were assessed and 459 were successful, resulting in a 91% outcome success rate. | Creation of new instructional materials and implementation of new software. |