

Crafton Hills College - Outcomes Assessment Report

Institutional Learning Outcome 1: Critical Thinking

Assessed: 2018-2019

Learning Outcomes Statement

Students are able to apply research to access information and technology. They can analyze, evaluate, synthesize, and use information resourcefully.

Means of Assessment (Measurement Method)

At the Faculty Department Chairs meeting approximately 25 faculty from disciplines across the campus reviewed the results and proposed actions. Proposed actions were developed for improving the outcome reviewed.

Summary of Evidence

The Office of Institutional Effectiveness, Research, and Planning (OIERP) provided a summary of the ILO results based on faculty mappings to the ILO, the proposed actions, and the list of courses where the outcome was mapped. A list of proposed actions, courses with outcomes mapped to the outcome reviewed, and the results are illustrated below.

Table 1: Number and Percent of students scoring 3 or Higher on the ILO.

| ILO # | Institution Learning Outcomes | # of Students | | | | # 3 or higher | % 3 or higher |
|-------|--|--------------------|-----|-------|-------|---------------|---------------|
| | | Meeting SLO Rubric | | | | | |
| | | 1 | 2 | 3 | 4 | | |
| 1 | Critical Thinking: Students demonstrate critical thinking through decision-making, problem-solving, analysis of information, and creative thinking across the disciplines. | 1,126 | 919 | 2,842 | 7,416 | 10,258 | 83.38% |

Table 2: List of Proposed Actions for Courses Mapped to this Outcome.

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| A higher number of students than past classes did not pass the course. These students stopped attending after about half of the semester was completed. I did talk with each of them and they understood what grade they would earn in the class if they stopped attending and completing the assignments and exams. |
| A proposed action regarding Introduction to Kinesiology would be to integrate physical assessment participation (queens step test, push up and curl up test) to apply practical application to evaluation information to understand calculation. Regarding injury, prevention and rehabilitation principles possibly have a guest speaker (ATC or DPT) or instructor obtaining certificate or necessary qualifications to go over introductory taping, bracing and first aid. I believe Kinesiology engages students best with a practical application approach, rather than a theoretical text ideology. |
| Add more diverse learning outcomes and more critical thinking experiments |
| Add SLO for management of website pages. |
| Again, I'm very pleased with the final outcomes for this class. The outcome percentages for #1,#2 and #4 are excellent. The percentages are satisfactory for outcome #3 (evaluation of case studies), but lower than I would like. There were 4 out of 5 students that didn't complete them, which did lower the overall percentages. For the next class I will stress the importance of completing this part of the final exam. I've started using the automatic flag system through Starfish for my online classes, which I feel helps the students stay on track and motivated. I will continue with the methods of assessments I'm using for all SLOs. |
| AHA course |
| AHA course need to look at course evaluations |
| AHA course, need to look at course evaluations |
| Alex did a great job in the class. |
| All measured SLO's met and exceeded thresholds. Students did very well in all measured areas. |
| All SLO goals met for this course (Fall 2018). No changes indicated at this time. |
| All targets met. Continue applying methods of teaching and assessment. |
| An intro to theater class tends to have students who have different levels of experience and skill varying from really developed to really undeveloped. Some students have serious learning issues and lack critical thinking skills or lack cultural or educational background to understand historical context. (play and Screenplay and World Drama attract students who have higher degrees of these skills. Thus a greater percentage of these GE students in 100 class, although they may pass the class, I don't think there critical thinking skills or historical awareness really is that developed. Visual learning helps a lot I find. Using canvas to put my lecture notes and other stuff on line helps a lot.. But you can see it in the way bonus questions are answered: Some students don't have that development of facility and really need more skill based learning to master this content.. |
| Chapter 14 is a problem due to being theoretical and the last chapter before the final exam. Not a lot of problems dealing with Curl F, Stokes theorem, and Greens Theorem. Most students having hard time visualizing or don't want to visualize what is going on. Book also does not help in visualizing what is going on with the 3D problems (especially in Chapter 11). Most students just want to work out the problem and move on. |
| Chapter 4 and some of 6 is still a problem. Due to Chapter 4 and 6 being the most theoretical, it is understandable for their issues with these chapters. |
| Concerning "Demonstrating Critical Reading Skills," I asked my students to read several passages, view several videos, and respond accordingly in both small and large groups.. I asked students to respond verbally and in writing. The exercises seem to work well for my students and I will plan to incorporate more of these assignments that asks students to apply recognition and analysis. Concerning "Demonstrating Effective Problem Solving Skills," I asked my students to examine problematic passages and sentences that contained grammatical errors and to correct them. They had to apply problem solving skills and then demonstrate those skills to the class or to me individually. I believe these activities are challenging to my students and I plan to develop more activities along this line. |
| Connect students with resources when struggling with school and life issues that may hurt their grades. |
| Continue interaction with students to determine the best way to help them with the learning process. |
| Continue successful efforts that have been working to help students meet learning objectives. |
| Continue successful methods of evaluation and reevaluate methods that don't encourage retention. |
| Continue to develop worksheets to enhance student learning. Help students better understand where they stand in the class before the withdrawal date. |
| Continue to interact with students and determine what additional needs they have for better understanding of the material. |
| continue to monitor |
| Continue to monitor students' progress through the term. |
| Continue to monitor students' progress throughout the term. |
| Continue to use charts and prepared notes. Students seems to comprehend the material quite well. |

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| Continue to work with charts and worksheets which reinforce the above concepts. |
| Continue to work with students' belief in themselves as well as pushing them to persevere when the course content becomes complex. |
| Continue updating curriculum and material based on relevancy and students' needs. |
| Continue updating material and curriculum based on relevancy and students needs. |
| Continue with development of topic worksheets |
| Direct students to relevant workshops and college resources. Continue the use of STARFISH to provide resources. Introduce online persona's (resumes, etc.) earlier in course. Review relevant emerging course materials. |
| Edit |
| Essays assignments were well received this semester, and students excelled. They grew as the weeks progressed and turned in strong, college-level work. I will have to work harder to provide practice on critical reading skills, since this is where they are lacking. Possibly, I might add in class reading and analysis, helping students with vocabulary comprehension. I fear that many students are struggling because they fail to comprehend the vocabulary on the text. |
| Establish a key identifier (artworks) to point to throughout the whole semester where students will connect to when discussing key works of art, elements of art and design principles. |
| Expand activities and class time spent on central tendency, dispersion, box plots, and correlation. |
| First time class has been offered, further evaluation is necessary |
| Follow up with students who did not understand the concepts. |
| Follow up with students who did nt understand the concept. |
| Further evaluation is needed |
| Further evaluation needed |
| Further Evaluation needed |
| Further Evaluation Needed |
| Generally the students are working at a high level. The main issue is that some students don't attend class enough and so their grade lowers a bit in spite of ability. 109 is a more specialized class for theater and so the students tend to be motivated more. 109 is cross listed with english and so the students there also perform well because they are more motivated. |
| Guide students through the process of active participation through creating artwork using a variety of different mediums. |
| Having students receive more hands-on experience outside of the classroom enable students more variation of instruction. Also, illustrations and photos were added to power point presentations to stress key points of instruction to enhance student learning. |
| Heighten level of individualized instruction |
| Help students better understand where they stand in class before the withdrawal date. Develop topic worksheets as needed to enhance learning. |
| Help students develop more optimal flow charts and analyze their data effectively. Develop new student learning outcomes |
| I asked for an additional SI leader, which was provided for this semester. This additional help increased the number of students that performed very well. There were several students that performed poorly that did not attend class often. |
| I did not meet outcomes on harmonic motion and conservation of momentum. Generally these are harder subjects for the students to grasp, but I think spending more time on these subjects in the future will help student outcomes |
| I did not meet outcomes on harmonic motion and conservation of momentum. Generally these are harder subjects for the students to grasp, but I think spending more time on these subjects in the future will help student outcomes. I also had quite a few students miss the question on gravitation in the final exam, which may be due to the large gap of time between going over this material and the exam itself. Having to cover so much material so quickly may hinder the students ability to retain knowledge. |
| I need to be more deliberate about teaching students what is involved in the creation of genetically modified organisms and the reasons drugs affect prokaryotes and eukaryotes differently. |
| I used three separate assessments: A formal policy claim essay (#1), critical reading responses (#2), and a source analysis and evaluation exercise (#3). Students overwhelmingly succeeded in all three activities. They were successful because of the scaffolding of the material prior - students must complete the preliminary assignments in order to submit the outcomes-based assignments. The assignments go together well and achieve the desired outcomes, but I do continue to fine tune each semester. |
| I was pleased with the percentages for outcomes #1 and #4, but the averages for #2 and #3 were lower than usual for a small face to face class. This class was motivated and participation was very good, so I'm not sure what happened on the final exams. The performance on the weekly exams and assignments were good, and the final overall class average was 82.4%. I will continue to stress review of the basics, which include word parts and intpretation of case studies, I will consider adding additional word parts with the weekly spelling quizzes to reinforce study outside of class. I will continue with the methods of assessments I'm using for all SLOs. |

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| Increase enrollment and increase amount of time spent in lab. |
| Increase enrollment. |
| Increase individualized instruction time. |
| Maintain communication with "no show" students. |
| Make sure all students can develop optimal flow charts efficiently with minimal or no assistance. Develop new learning objectives such as basic understanding of cellular functions. |
| Mid term performance demonstration and final exam used to assess SLO's. Ventilator Alarms- where SLO was not met, require patient specific settings, not general rules due to individual patient differences. Question will be changed to evaluate this SLO more credibly in the future. Safety may be more of the focus. PSV mode graphic can be challenging to identify, experience at the bedside along with repetitive instruction should provide a better performance of this objective. Continued emphasis will be placed on explanation, instruction, and provided examples to improve understanding in this area. |
| More practice solving problems for testing hypotheses, evaluating formulas. |
| Most of the students that were in lecture only this semester did not attend SI sessions, and did not attend lecture regularly. As a result, their understanding of the concepts is lower. |
| Most students produced effective classwork, but participated minimally in class. Our English class was scheduled in a lecture hall with dimly poor lighting which made in class participation, writing and group work extremely difficult. Even so, most student work was above average. I do plan to change a couple of the books that I've assigned in the past, and do more peer review and group work next semester. |
| N.A |
| n/a |
| N/A |
| New course, first semester taught. These SLO will need further study of effectiveness |
| No Action needed |
| No further action needed at this time |
| No further information needed at this time |
| No proposed action. |
| No proposed actions...this is a special projects course. |
| None |
| None at this time. |
| none necessary. The new prerequisite for CHEM 150 has shown to have helped the students be more successful in the class. |
| None, but will I review SLO 1 & 4. |
| Not having a lab is problem for entering students who are not up to this level of rigor. Many students not looking for or don't want tutoring...not sure why. Many no shows after the last day to drop class with W which skews statistics. 2/3 of the class should have been in Math 085 not 095. |
| Nothing to add. |
| Nothing to propose other than we need to keep the class alive. Let them have fun. |
| Nothing was changed. |
| One SLO was not met and can be corrected in the future through more focused explanation and presentation of real life examples and better use of video learning modules during PALS shock station material. Performance demonstrations have been successful and continue to be implemented into our structure of learning and evaluation. Only one student required remediation and thorough follow-up but was successful in the end. I did not consider this to be a met goal for the individual in question because another follow-up was required after first failure and second remediation attempt. |
| Overall, the class had a good understanding of the course material and concepts. In the future more hands-on experience and demonstrations should help with student success. In addition, more group discussions should also help with student success. Provide learning environment that challenges the students, allowing student input with feedback comparison to real life scenarios. |
| Power Series summation for differential equations a problem--changing index AND starting point of summation.. Spend more time on the following semester. |
| Proper action to be taken will be discussed in the department meetings. |
| Proper action will be discussed in a departmental meeting. |
| Proposed action: Re-evaluate course SLO's so that they align with the state standards. |
| Provide more opportunities/activities/assignments that encourage/require/strengthen critical responses. |
| Provide more opportunities/activities/assignments that encourage/require/strengthen critical responses. |
| Provide specific scenarios to reinforce the correct administration of the proper medication given patient condition and presentation. |
| Recommendation (SLO #1): To add two-three additional homework worksheets containing problems that require students to convert an 8 bit binary number to base 10 and the reverse. Recommendation (SLO #3): To add |

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| additional instruction and research related to the function and services provided at each layer of the 7 layer OSI model. The students were proficient with the order of the 7 layers, just not the definitions. |
| Registered students who attended class on a regular basis and completed written assignments were successful with meeting all required targets for the semester. Students who had excessive absences and did not complete required volunteer hours for the course were unable to pass the course. It is essential that registered students attend class and complete assignments required for the course. |
| Results will be discussed in a department meeting. |
| Review topic and create a new quiz for the topics and one that they can take several times to learn the concepts. |
| SLO 1 was based on Exam 1 where students were asked questions (in essay form) to analyze sexuality in the Media. SLO 2 was based on the writing assignments to do research on Sexuality and respond SLO 3: was based on the Exam 3 regarding Sexual Disorders. 1=90%, 2=80%, 3=70% 4 is 69% or lower |
| Some students aren't as skilled at critical thinking. There needs to be more pressure in the class to specifically test early on if students are truly mastering the analytical techniques. That being said most students did quite well on their final projects. |
| Student was extremely successful working on multiple performances over the course of the semester as a technician. Attendance, communication, and follow-through were all outstanding. |
| Student was successful working on multiple performances over the course of a semester. |
| Students all successfully completed lighting, sound, and set portfolios. Students also worked together as a collaborative stage crew to assist in on stage/back stage lighting, sound, and set labs associated with the performances going on over the course of the semester. |
| Students in this course exhibited a higher aptitude than section 50 this semester. The difference in the age of the groups was notable. Older students seemed to perform better on average in SLO areas across the board. The most challenging issue for older students was accessing information on the internet. Classroom computers would be beneficial in addressing this area. |
| Students performed well on all three SLO's this semester. a little more attention needs to be paid to specific disease processes, but students did well. |
| Students should receive more intensive time writing and demonstrating writing techniques in-class. Computers in class would be highly beneficial in assisting with multiple outcomes. |
| Students was extremely successful working on multiple performances over the course of the semester as a director and designer. Attendance, communication, and follow-through were all outstanding. |
| Students were able to define positioning terminology and able to manipulate the equipment to demonstrate specific anatomy. |
| Students were able to demonstrate knowledge of all the special radiographic procedures along with different types of supplies used during the exam. |
| Students were able to demonstrate proper communication with patients of all ages and proper shielding for specific examinations. |
| Students were able to describe the production of x-rays and the energy that are required to produce radiation. They were able to describe the interaction with matter and was able to draw a diagram of the x-ray circuit. |
| Students were able to formulate the technical factors to optimize the image and were able to adapt to different variables based on different procedures. They were able to minimize the radiation to obtain the optimal image quality. |
| Students were able to identify anatomy and perform exams based on radiographic procedures. |
| Students were able to identify and explain the appearance of common diseases on the digital images. |
| Students were able to manipulate equipment to position the anatomic structures, and they were able to evaluate images to ensure proper anatomy and pathology were demonstrated. |
| Students were able to manipulate the equipment to obtain the specific anatomy and was able to properly use radiation protection devices to reduced patient radiation. |
| Students were able to perform advanced radiographic procedures under direct and indirect supervision. Students practiced radiation protection on patients and personnel. |
| Students were able to synthesize all the knowledge, skills, and attitudes to demonstrate at an entry level employment. |
| Students were able to synthesize all the professional knowledge, skills, and attitudes to demonstrate an entry level competency. |
| Students were extremely successful working on multiple performances over the course of the semester. Attendance, communication, and follow-through were all outstanding. |
| Students were extremely successful working on multiple performances over the course of the semester. Attendance, communication, and follow-through were all outstanding. One incomplete from an uncast student who forgot they enrolled. |
| Students were extremely successful working on multiple performances over the course of the semester. Attendance, communication, and follow-through were all outstanding. One student was unreachable and did not participate after early part of semester. |

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| Students will be able to identify various types of algebraic expressions/equations, and apply the appropriate strategy to solve various type of math problems. |
| Swim team is expanding and getting new members which adds a different dynamic with each new personality. Being able to accomodate and adapt to each personality. |
| Target met. I will continue with current SLOs. |
| Target was met. I will continue with current student learning outcomes. |
| The # of Students NOT Meeting the SLO Rubric were absent and failed to submit assignments. Goal: keep in touch with absent students regarding course requirements and withdrawal deadlines. |
| The 100 H class is honors and the students performed very well. |
| <p>The CD 115 course of Spring 2019 was the second time that I taught this class at Crafton, but I have taught this class at another college numerous times. I have revised some items based on my experience at another college which included providing samples on some assignments, more detail instructions on all assignments and more detail grading rubric of point distributions for all assignments. The CD 115 course of Spring 2019, overall did meet the 70% target rate; however, 1 of the 27 students did not turn in majority of high amount assignments, complete weekly quizzes and weekly activities, and stopped attending class after the drop date; therefore, 1 student received a letter grade of F. The participating students final grades were: 14 students received the letter grade of A, 8 students received the letter grade of B, and 6 students received the letter grade of C. This place 75.9% of the students received an overall grade of 70% or higher. SLO #1 was accessed based on students scores on the Nutritional Group Project. This Project was the end of the semester project that students worked in a group of 3 members. This project required that members of the group worked together in creating a presentation of snack, an activity and reading a book suited for preschool students to the entire class. Additionally students had written requirements of their project of creating a parent letter, a lesson plan, a recipe handout and an analysis/evaluate of their project. Students had to incorporate all elements that they have learned the entire semester (health, safety and nutrition) in an early childhood setting. Students went above and beyond expectations for this assignment. Student's feedback was they really enjoyed this assignment too. Students were able to pick their own group members. The one issue that did occur on this assignment was that some of the groups were struggling to work together- more than I have experienced throughout teaching. I had to intervene on three groups struggling to work with each other. Two of the groups was able to solve the issues but one of the groups were not. Therefore, as stated on the first day of picking group member and on their guidelines of the assignment that if the group cannot work together collaboratively then the group can decide to ask a member to leave the group. If a member is asked to leave the group then that person must complete the assignment individually. I have only had to enforce this rule last semester in this class but prior to that never in all my 10 years teaching. The student that was struggling to work with the group was not providing their delegated and agreed to tasks to the group even at the due date. The group came to me numerous times and seemed to work it out but on the day of the presentation two of the members got into a verbal disagreement prior to class. I spoke to the group all individually to find out the issues and most were due to not effectively communicating with each other and not agreeing on ideas for the project. They presented the first day but still had an argument the second day of presentations when they were done with the project. I spoke to them all again individually and told them that they can address the Director if needed but they did not want to.</p> <p>SLO #2 was accessed based on students scores on their Playground Safety Paper. This Paper has students observe two preschool's outside playground environment using the Playground Report Card assessment and Title 22 regulations that students evaluate the positive and negative aspects of each environment on safety components that students come up with possible solutions or suggestions (but are instructed to just let me know of these concerns not the preschool centers). This SLO did not meet the 70% target. This SLO should be considered as approaching the 70% target even though 65.5% of the students did not reach 70% on this assignment. Out of the 8 students that did not receive a score of 70% or higher on this assignment; 3 did not turn in the assignment, while the remaining 4 students turned the assignment in late (an automatic 50% off) . The 3 students stated that they waited to last minute to connect to the second preschool so were not able to observe. Therefore, even though this SLO does not meet the 70% of the target, there are factors that should be considered. Based on last years, proposed action plan to help with this assignment is to require students to turn in the Director Form (this a form that each director must sign stating the goals of the assignment and that students can and have observed at their center) a week before the assignment is due versus with the assignment at the due date to help students to not procrastinate to secure two preschool centers to observe at which I did do but many students forgot it so I allowed them to turn them in late. I have provided samples to all parts of this assignment to help. I revised the instructions, provided additional samples, went over the assignment in length during class and created numerous videos to help with the assignments. The students that did not receive above 70% were not present in class and admitted to not watching the videos or review the samples. My Action Plan next year is to have the students take a short quiz on the videos and samples to possibly entice them more to access them. SLO #3 was accessed based on Health Policy Paper. This Paper has students observe two preschool's Health Policies by observing their daily health checks, isolation area, health policies that parents are provided and Title 22 Health related regulations that students identify, evaluate and analysis the positive and negative aspects of each environment on health components that students come up with possible solutions or suggestions (but are instructed to just let me know of these concerns not the preschool centers). Students were provided samples of former students similar paper. Students were also</p> |

provided a revision option to this paper since it was the first paper of the semester; however, students were able to revise the paper. Many students did not revise the paper for higher scores. The revision requirements were verbalized in the beginning of class and sent as an announcement in canvas however many of the students did not choose to revise the paper. This SLO does have some factors that should be considered why it was not meeting 70% target. Out of the 7 students that did not receive a score of 70% or higher on this assignment, 2 did not turn in the assignment, while the remaining students (4) turned the assignment in late (an automatic 50% off) and 4 of those 7 that turned the assignment did not complete all sections of the assignment so could not revise their paper. Therefore, even though this SLO does not meet the 70% of the target, there are factors that should be considered. Based on last year's proposed action plan to help with this assignment, I provided the Key Items Announcement that I send out for all assignments a week prior to the due date but in addition to upload the guidelines, all the samples, all material related to the assignments, and created numerous videos to help students. I additionally, created a module with all the information in one place to help students access the material more effectively. I revised the instructions, created a grading rubric in more details in my expectations, added more sample material and created videos to help students with the assignment. Many students that score less than 70% admitted to not using or view the material or videos. Added SLO: SLO #4 was accessed based on students scores on their Menu Assignment. This assignment has students create a weekly menu for preschool children based on the CACFP, Food Pyramid, MyPlate, and USDA. Students then write a paper on their menu addressing the proper serving sizes from CACFP, food categories by USDA, reflecting possible allergies, life-styles and cultural relationships to preschool environment. Students were provided samples of former students menu choices and written analysis and evaluation components. Students additionally had an in class activity of critiquing samples of already created menu's prior to the menu assignment due date to help with the assignment. This SLO did not meet the target 70% since 4 students out of the 29 students did not receive a score of 70% or higher on this assignment. Out of these 4 students, 2 did not turn in the assignment. Therefore, even though this SLO does not meet the 70% of the target, there are factors that should be considered. Based on previous year's proposed action plan to help with this assignment, I posted the Activity of Critiquing the Menus as a Discussion Board that I will also address in class since last year the day of the activity there were some students absent. I even posted the correct responses on an announcement to help the students that did not complete it.. I have provided additional samples to all parts of this assignment to help. I revised the instructions and the grading rubric in more details in my expectations, created a helpful tips announcement, and created videos to help with the assignment. Students that scores less than 70% admitted to not using these resources or did not turn the assignment in at all.

The CD 182 course of Fall 2018, has been revised from Fall 2017, Fall 2016, and Fall 2015 courses. The revisions reflected the issues from the Fall 2017, 2016, and 2015 courses which included more detail instructions on all assignments and more detail grading rubric of point destination for all assignments. Additionally, a change to the course was making the diversity project into a group project. The course started off with 40+ students which would have been hard to accomplish all course material and for each student to conduct a 5-7 minute presentation. Therefore, instructor asked students if they would like to work in groups on the presentation and persona doll based on grouping students based on similar topics. Students voted to conduct the presentation and persona doll as a group. Students still had to complete the research component on their own and still create their own diversity folder. Students come together as a group to decide what material would be used in the powerpoint presentation that they presented to the class. Students had the option for the students that tend to be more shy work on creating the powerpoint and not present. Additionally, students had the option to use video in the persona doll skits, which many student did do this in a impressive manner. The student that was more shy tend to do the recording of the video. Overall, the group project was conducted well. This will be used in future classes due to importance of collaborating in the field. Since this was the first course to conduct this assignment as a group then the instructions need to be more clear. Instructor will take successful aspects from other courses that have group projects assigned. The CD 182 course of Fall 2018, overall did meet the 70% target rate. Student Learning Objective #3 was determined by the Racial Privileges and Racial Oppression Video Paper. Overall, students did perform well on this assignment. Instructions were modified based on previous course struggles, the grading rubric and point distribution was changed, and verbal instructions were provided in class. Instructor will revised instructions again, asked an elite student for a sample of this assignment and will create a video for students to watch at their own time. This was the first assignment for the class so some students struggled with APA items even with a sample, cheat sheet notes, verbalized and written instructions. Instructor assigns students to attend an APA workshop for the class but students have until the end of the semester to do this. In future, considering to make the due date before the first assignment. One student did not turn the assignment in and another turned the assignment in late so late points are an automatic 50% off. Student Learning Objective 2 was determined by Activity Modification Paper, based on previous semester struggles the instructor did revise the assignment instructions (e.g., determining goals and objectives for the assignment), go over instructions more thoroughly in class (e.g., the MOST approach), and provide more samples of similar work to help provide more clarification for the assignments. However, three students did not turn this assignment in. One student stopped attending the class and another missed many classes after the drop date. Even with three students not completing the assignment the target goal of 70% was completed but barely. Additional samples were asked from two elite students for this assignment. Instructions need to be more clear regarding specifically explaining thoughts and examples of modifications of MOST approach. Majority of

students did well on this but some students did not. Therefore, instructor will make clarification on written instructions, verbalize in class (which did but many students at this point of the semester were often missing class for being sick), instructor will create a helpful tips announcement approaching the due date and will create a video on the assignment to help students at anytime. Student learning objective #3 was determine by exam #3. Overall students performed exceptionally well on the exam. One student did not take the exam since no longer attended class and another that missed numerous classes after the drop date received a D. The exam did have a mini review session before students took the exam, students had a requirement to complete 5 essay questions out of the 8 provided in which student were able to pick the 5 questions, and students were provided the option to obtain extra credit points by completing more than 5 essay questions in which students that did take this opportunity increased their scores.

The data meets the requirements of this course. No actions are required.

The department will discuss proper actions in a departmental meeting.

The Fall 2018 CD 250 course did meet the 70% target Overall, students did well on the class- one student stopped coming after the drop date and I attempted to contact through email and inbox but no response. Instructions to the Personal Belief Paper were revised to be more clear based on Fall 2017 class struggles. However, there were some issues with students understanding of instructions and grading rubric of the assignment (Personal Belief Paper on the personal narrative instructions and needing to cite the textbook, readings or lecture in APA). This issue will be modified for the next semester by being more clear on these requirements. Students did complete this paper overall well so did not need to provide a revision option for students. Additionally, there were some issues with the Guidance Plan Group Project regarding instructions from Fall 2017. Some sections of the other assignments' instructions had some issues that will be revised to provide more clarification for future (e.g., indoor and outdoor blueprints must be organized/not handwritten, no blank spaces on parent brochures, staff handbooks need to have visual appeal/color, extra). The fall 2018 course did clarify these items with more detailed from the 2017 CD 250. However, one group did not complete the daily schedule with two versions: one with detail explanations of the schedule and a second version of the schedule provided on door of classroom. Fall 2019 will need to address this more verbally but the group that did not complete this requirement missed numerous classes; therefore, will make a details canvas announcement on key tips to be successful on this assignment. Instructor did incorporate multiple peer evaluations of group project throughout semester since there were some issues amongst group members regarding participation and communication in 2017. This was conducted by having students create a group contract on who is doing what task and at the end of the project each student had to submit an anonymous evaluation of each group member (including themselves). Overall, this class did well in group projects. Once group lost a member due to student no longer returning to class Instructor requested permission from elite students to make a copy of their work (blacking out student information) to provide a sample for future classes to help visually show instructors expectations of assignments (handbook, indoor/outdoor blue prints,parent brochure). Exam #2 was not included in the SLO but this was the exam that some students struggled more with than the other two exams. Majority of students did well but three students had a D and one student had an F due to not taking the exam. There can be multiple reasons: The material is a bit harder to conceptualize (theory), the students that did not perform well did miss many classes at this time, and instructor did not have the normal review before the exam that day. Student Learning Objective #1 was evaluated by personal belief paper. Overall, students performed very well on this assignment. An area to improve on this assignment is make it more clear that the students must cite textbook, reading and lectures to connect material to the assignment. This was explained in class but the students that did not attend that class did not follow this requirement. Therefore, even though this was verbalized and stated in instructions then instructor will create a helpful tips announcement on canvas and will create a personal video to help students that are not present or students that did not take notes on this essential information (as I do in Online course). Two students did not complete this assignment which affects the target number which was almost at the target 70% Student learning objective #2 was evaluated by Child Guidance Plan Group Project. Overall this group project was performed well by students. Instructor allowed multiple in class time for groups to collaborate (more than previous semesters) which seemed to be helpful. Instructions were revised based on previous classes struggles which did help. Instructor waited until after the drop date to establish groups due to previous struggles of students dropping the class. However, one student did stop coming to class so instructor provided extra points to that group for missing a member that was in charge of a big piece of the project. Another group did struggle with creating two daily schedules by only providing the one brief schedule that would be placed outside on door. The group did not complete the detailed explanation schedule which instructor did address in written instructions and during class verbally but this group was not present. Therefore, instructor will create a helpful tips announcement for this assignment when approaching due date to help with this issue and will be creating a personal video on the assignment that students can watch at any time. One student stopped attending class after the drop date so did not turn this assignment in. Student Learning objective #3 was evaluated based on Developmental Chart Assignment. The instructions were revised based on previous courses struggles and a sample was created to help students with this assignment. This is the first assignment of the semester that instructor typically provides a revision option; however only two students needed a revision option since the majority of the students performed well on this assignment. These two student's scores did increase but still were a D and an F score. Instructor had revised instructions, went over the assignment multiple times in class. Instructor will

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| <p>revise the instructions a bit more, create a helpful tips announcement approaching the due date, and will create a video on the assignment so students can view at any time. Student learning objective #4 was evaluated by exam #3- in which overall students performed very well on. Instructor decided to complete a mini review before the exam #3 since did not on exam #2 which may have affected scores. Instructor also requires students to complete 5 of the 8 essay questions in which students pick any 5 of the essay questions; however, instructor allowed students to complete more than 5 essays for extra credit. The students that did complete more than 5 essay did perform well on the exam. One student did not complete the exam #3 due to no longer returning to class after the drop date. Overall, the course met the 70% target.</p> |
| <p>The lecture only students in the course this year struggled with attendance, and therefore performed more poorly.</p> |
| <p>The majority of the students that enroll in field classes are majors. As a result, the quality of work and understanding of the subject are generally excellent.</p> |
| <p>The program target goal is met. The successful practice of instructions will continue as plan.</p> |
| <p>The proper actions to be taken will be discussed in a departmental meeting.</p> |
| <p>The second summer term and long term (ten week) term students performed significantly less than the first five week students. I will work with other faculty to determine if outside factors contribute to this.</p> |
| <p>The SI sessions were attended by the majority of the lab classes. The results reflect this fact.</p> |
| <p>The students are good at understanding production elements. It is harder for them to understand the social and cultural context of theater. We used canvas for the lecture notes. In some ways this leaves it up to the student to go on line more rather than having a solid paper copy. I wonder if this affects their reading and note taking? Perhaps more handouts specifically on cultural context which isolate and focus their attention on specific periods and places and cultural context.</p> |
| <p>The use of group discussions and workshop environment worked well for student learning. Enabling students with more hands-on experience outside of the classroom environment gives students another form of information.</p> |
| <p>There are a number of reasons this class has met the course rubric. The FIRET students are able to join the FIRET Club which helps students to engage with fellow students outside of the classroom. FIRET students are able to interact with the current Fire Academy Cadets. In addition, the FIRET Club has used career Firefighters as guest speakers to discuss career pathways in the Fire Service.</p> |
| <p>There are a number of reasons this class has met the course rubric. Recently, the Fire Technology Department started-up a FIRET Club for students. The FIRET Club now has over 100 members enrolled in the club. One of the Club's objectives is to develop a culture of students engaging with fellow students outside of the classroom setting. In addition, FIRET Club members are able to interact with the current Fire Academy Cadets. The Fire Academy Cadets have a higher level of Fire Technology training and education than the Club members. Having Academy Cadets demonstrating manipulative skills such as using Fire Department tools and equipment and observing the Cadets entering into a training fire exercise has also promoted student success. In addition, the FIRET Club has used career Firefighters as guest speakers to discuss career pathways in the Fire Service. The Counseling Department has detailed a part-time counselor with a desk in the Fire Technology office which makes it more convenient for students to complete a Student Education Plan (SEP). Having easy accessibility of a counselor at the east-end of campus ensures Fire Technology students someone to give them clarity and alignment with their career pathway.</p> |
| <p>There was only one honors student.</p> |
| <p>These are students are working toward the various healthcare professional programs and are using this course to satisfy the pre-requisites for the most part. A small number of students in this course may be satisfying a science with a lab for their General Education (GE) requirement. This data will be share within this discipline so the continuing work of a satisfactory outcome is ensured.</p> |
| <p>These students have completed the ANAT 150 with a "C" or better as a pre-requisite. The target goal is expected to be likely met. This data will be share within this discipline so the continuing work of a satisfactory outcome is ensured.</p> |
| <p>This class worked with critical thinking skills and analysis, moving from basic observation and importance of language to inductive and deductive reasoning, and identification of fallacies in written work. They spent weeks analyzing their sources (for a research project), identifying the writer's viewpoint, biases, fallacious reasoning and valid arguments. They then produced their own essay and report (for most, this was a 25 page document). Lastly, they gave an oral presentation. There are always small changes to make, and for English 102, I would probably cut some of the smaller assignments. Although the students met and exceeded my the high expectations, I could tell they were exhausted by the end of the semester.</p> |
| <p>This course began with 40 students and typically holds its numbers till the end. This time the drop rate was high but students did not formally drop the class, some came up till the last week of class but simply did not turn in their work. So, the SLO number are a little off. The number of students that completed assignments and made it to the end of the semester is 28. Of those 28, 23 completed the course project successfully. In comparing the performance of the PSYCH 100 students on this course project at Valley to the students at Crafton, they seem to understand what was expected and many reported enjoying the novel, just saddened by the ending. Currently, I have no plans to change the assignment, but will re-evaluate the assignment after the Spring 2019 semester.</p> |

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| <p>This includes both the English cross list ENGL 108 as well as the THART 108 students (total of 19) . The biggest problem is inconsistency. Students sometimes get off to a good start then drop out or do badly or the reverse. Outside class pressures seem an issue. Most students are doing well though, Some students just don't seem to have the level of critical thinking skills development that ideally we would like. (above 70 % 3 and 4) . English students do better than Thart students a this.</p> |
| <p>This is the first time the course has been offered. Further evaluation is needed</p> |
| <p>This is the first time this course has been offered. Further evaluation is needed to produce and adjust appropriate outcomes for this student demographic</p> |
| <p>This section of ANAT 101 did not met the target goal. Continuing work with the students to increase their understanding is a goal of this set to work on for an improvement for the future.</p> |
| <p>This section of ANAT 101 had a high non-participation rate. The target goal was not met. Working to improve the participation rate may assist in meeting the target goal for the future.</p> |
| <p>This section of ANAT 101 had a large number of students (10) who did not participated and 3 students with unsatisfactory in this SLO assessment which contributed to a 61.3% and did not met the target goal of 70%. This was a factor that was uncontrollable.</p> |
| <p>This section of ANAT 101 has met the target goal. Continue work in this area will ensure the future of the achievement of the target goals.</p> |
| <p>This was the first semester that I evaluated the SLO's. I will continue to monitor them and then consider making adjustments as needed.</p> |
| <p>This was the first time teaching this course online for Crafton even though instructor has taught multiple online courses at other colleges. Areas that will be improved for the next semester would be creating a video on the observational assignment papers. Instructor did create a personal video for Research Papers since they are typically more challenging which in some aspects help students perform well on these two assignments, plus one activity was mandatory for students to complete to stay enrolled in the class that helps with the observation paper. In the future, a video and an mandatory activity will be included for the observation videos. Additionally, students were required to complete all weekly quizzes, had to complete 8 out of the 16 weekly Chapter Reflections which students were able to pick from (all provided at the beginning of the semester), and had to complete 8 out of the 16 weekly activities (2 were mandatory to stay enrolled in the class). Even though students were provided 3 announcement reminders each week and instructor expressed it was better to get the beginning ones or work ahead to not be stressed at the end of the semester, many students waited until the end to start completing these assignments. Instructor did send a mid of the semester inbox reminding students that they need to start completing these requirements. Some students did not complete the required 8 chapter reflections and/or 8 required activities. In future, instructor will make some of the beginning chapter reflections mandatory prior to the drop date to prevent this issue. Additionally, some students were not performing as expected on Chapter Reflections and Activities so students had the options to revise one of each assignments (some did take this opportunity that were working ahead). Instructor asked some of the elite students to have permission to post their assignment in the announcement to help classmates (would not include their names). This did tend to help some students. Instructor will provide samples in the discussion board for all Chapter Reflections and Activities that once students post into the discussion board will be able to see the samples. A general sample from another class has been provided since the beginning of the semester that instructor asked students to view. However, based on first responses many students did not follow this instruction so instructor will enforce this by creating an activity on this sample. SLO #1- Students did not meet target percentage for this SLO but was approaching. This SLO was evaluated based on an observational written assignment on observation #2 paper. Students were provided the guidelines and grading rubric in the beginning of the semester. Students were provided feedback from their first observational written assignment to help with this assignment, a sample of the first observational assignment from a student that scored high on the assignment was posted on canvas (student's name not revealed), instructor went over the guidelines and grading rubric numerous occasions in announcements. Instructor had a question and answer discussion board for students to help other students on questions (which some did provide great feedback) and instructor responded to emails and inbox questions within. Overall, students did perform well on the assignment but need to make more clear that students are require to cite textbook, powerpoints, or readings into the paper in APA (majority of students did do this). However, 7 students did not turn in the assignment which resulted in a F grade but 3 did not turn in work or signed into the course after the drop date. This affected reaching the target goal of 70%. This was the last assignment of the semester. SLO #2- Students did meet the 70% target for this SLO. This SLO was evaluated based on students exam #2 which consisted on multiple choices based on chapters 5-10. Students were provided a study guide at the beginning of the semester for the exam and the weekly quiz questions were the majority of the questions on the exam. Overall, the students that completed the weekly chapter reflections, weekly activities and weekly quizzes did perform well on the exam. This exam students were provided 20 multiple questions and had an hour to complete the exam. However, students that missed weekly chapter reflections, weekly activities and weekly quizzes did not perform as well on the exam. One student did not take the exam and stopped turning in work after the drop date. SLO #3- Students did meet the target percentage for this SLO This SLO was evaluated based on exam #1 scores since the focus on the exam was theoretical perspectives from child development. This exam consisted on 20 multiple choices based on chapters 1-4. Students were provided a study</p> |

guide at the beginning of the semester for the exam and the weekly quiz questions were the majority of the questions on the exam. Overall, the students that completed the weekly chapter reflections, weekly activities and weekly quizzes did perform well on the exam. This exam students were provided 20 multiple questions and had an hour to complete the exam. However, students that missed weekly chapter reflections, weekly activities and weekly quizzes did not perform as well on the exam. All students took the exam due to instructed that if one did not then they would be dropped from the class since it was prior to the drop date.

This was the second time teaching this course online for Crafton even though instructor has taught multiple online courses at other colleges. Based on previous semester's action plan, instructor did create video on the observational assignment papers and video for Research Papers, did have one activity was mandatory for students to complete to stay enrolled in the class that helps with the observation paper. In the future, a video and an mandatory activity will be included for the observation videos. Additionally, students were required to complete all weekly quizzes, had to complete 8 out of the 16 weekly Chapter Reflections which students were able to pick from (all provided at the beginning of the semester), and had to complete 8 out of the 16 weekly activities (2 were mandatory to stay enrolled in the class). Even though students were provided 3 announcement reminders each week and instructor expressed it was better to get the beginning ones or work ahead to not be stressed at the end of the semester, many students waited until the end to start completing these assignments. Instructor did send a mid of the semester inbox reminding students that they need to start completing these requirements. Some students did not complete the required 8 chapter reflections and/or 8 required activities. The beginning chapter reflections mandatory prior to the drop date to prevent this issue from previous semester; however this semester had more students to stop turning in work after the drop date. Additionally, some students were not performing as expected on Chapter Reflections and Activities so students had the options to revise two of each assignments (some did take this opportunity that were working ahead). There were samples of every Chapter Reflections and Activity that were posted in the discussion boards for students to observe. There were also samples of Chapter Reflections and Activities that had instructors comments on them in the modules to help students to be successful on the assignments. However, based on first responses many students did not follow this instruction but they were allowed to revise these first assignments, in which some students did and some students did not. This semester had numerous students stop completing work after the drop date, more than the instructor has ever experienced in any class. This semester there were 9 students that obtained an A in the class, 9 students that received a B in the class, 3 students that obtained a C in the course and 8 students that received a F in the course. These 8 students stopped turning in assignments after the drop date. SLO #1- Students did not meet target percentage for this SLO. This SLO was evaluated based on an observational written assignment on observation #2 paper. Students were provided the guidelines and grading rubric in the beginning of the semester. Students were provided feedback from their first observational written assignment to help with this assignment, a sample of the first observational assignment from a student that scored high on the assignment was posted on canvas (student's name not revealed), instructor went over the guidelines and grading rubric numerous occasions in announcements. Instructor had a question and answer discussion board for students to help other students on questions (no one posted in this discussion board the entire semester which is not typical) and instructor responded to emails and inbox questions within. Overall, students that turned in the assignment did perform well on the assignment. A few students need to make more clear that students are required to cite textbook, powerpoints, or readings into the paper in APA (majority of students did do this). However, 12 students did not turn in the assignment which resulted in a F grade. This affected reaching the target goal of 70%. This was the last assignment of the semester. SLO #2- Students did not meet the 70% target for this SLO. but was approaching. Previous semester the SLO was evaluated based on students exam #2 but this semester this was evaluated in overall scores of the 8 activities which focused on this SLO. The activities ranged in watching assigned videos and completed responses in the discussion board, creating handouts in selected topics connected to the SLO and respond to other student's handouts, and responding to various assigned questions connected to this SLO. Overall, the students that completed the 8 Activities did perform well, 14 students received an A, 5 students received a B, 3 students received a C and 7 students received F. The 12 students that received the overall grade of an F, 5 did complete many of the activities prior to the drop date but the remaining 7 did not complete many of the activities prior to the drop date. My Action plan is to required students to complete more than 1 Activity prior to the drop date since this may help the lower overall score for this class. SLO #3- Students did meet the target percentage for this SLO. This SLO was evaluated based on exam #1 scores since the focus on the exam was theoretical perspectives from child development. This exam consisted on 20 multiple choices based on chapters 1-4. Students were provided a study guide at the beginning of the semester for the exam and the weekly quiz questions were the majority of the questions on the exam. Overall, the students that completed the weekly chapter reflections, weekly activities and weekly quizzes did perform well on the exam. This exam students were provided 20 multiple questions and had an hour to complete the exam and this semester were allowed to complete the quiz multiple times within the hour. This addition did help overall scores. The exam was completed prior to the drop date so this helped students complete it. The 4 students that did not reach the 70% target score, 2 of these students did not complete the exam but they did notify the instructor that they simply missed the due date so the instructor did not drop them. The Exam #1 was required to be completed or students would be dropped. However, these two students did stop completing assignments after the drop date. The Action Plan to help will be the next semester the instructor will enforce the drop policy if a student does not complete the Exam #1 to

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| help prevent students receiving a failing grade at the end of the course. This semester I was behind on grading due to a personal family tragedy but all assignments that were needed to help with the next assignment were graded on time and instructor was quick in responding to questions of students like normal. Instructor did communicate to students the tragedy and when behind on grading. |
| To improve SLO # 2: Incorporate, reinforce, and assess the use of the six trigonometric functions with commonly-used angles. To improve SLO # 3: Expand the activities and class time spent on solving trigonometric equations and proving identities. |
| Two of these targets were not met because three students dropped the class after the drop period. This brought the class average down. As a whole, this class worked well. They were engaged and enthusiastic about learning. They produced average essays and their reading skills were below average. I intend to have classes read and analyze essays more in class next semester. |
| We will continue developing instruction methods that not only teach content, but also address critical thinking skills. And, I will continue working to improve student attendance. |
| We will continue to develop instructional methods that develop critical thinking. We will also work with students to improve attendance. |
| While all my SLO's met objectives I will assure that I spend more time electrolyte disturbances and provide more focus on Phosphorus, Magnesium, and calcium in particular. |
| Will continue to evaluate student outcomes in the didactic, clinical, and field settings. While the information reflected only pertains to the classroom setting, this demographic has other educational situations that work into the evaluation process |
| With the recent mandated implementation of the IFSAC/ProBoard National Testing process, the concentration and instruction on these SLO's has substantially increased and I believe that our instructors willingness to go above and beyond the normal instruction period by working with students that have asked for additional help outside of the instructional period has helped the students and our program meet and even exceed our SLO target. We will continue to help any and all students that ask for additional help. |
| Work on critical thinking and data analysis. Propose more hands on critical thinking experiments |
| Work to determine if scheduling affects SLOs. |
| Work to determine if scheduling affects student performance. |
| Work to remove scores of '1' by addressing retention in the classroom |
| Work to understand reasons for scores of '1' resulting from non-submission of assignments; work with students on causes of non-submission including providing resources to assist with assignment completion; SI sessions were available with this section but were hardly used by students, therefore find additional ways to encourage students to use SI sessions |

List of Courses where Outcomes were mapped to the ILO.

ACCT-208, ANAT-101, ANAT-150, ANAT-151, ANTHRO-102, ANTHRO-106, ART-100, ART-100H, ART-103, ART-125, ASTRON-150, BIOL-130, BIOL-130H, BUSAD-053, BUSAD-100, BUSAD-210, CD-105, CD-115, CD-126, CD-182, CD-250, CD-295, CHEM-102, CHEM-123, CHEM-150, CHEM-151, CHEM-212, CHEM-213, CIS-095, CIS-111, CIS-140, EMS-020, EMS-021, EMS-022, EMS-068, EMS-150, EMS-152, EMS-153, ENGL-010, ENGL-101, ENGL-102, ENGL-976, FIRET-100, FIRET-101, FIRET-102, FIRET-114, FIRET-115, GEOL-100, GEOL-100H, GEOL-101, GEOL-175, HIST-100, HIST-100H, HIST-101, HIST-101H, HIST-170, HIST-170H, HIT-101, KIN-200, KIN/X-170AX3, MATH-095, MATH-102, MATH-103, MATH-110, MATH-115, MATH-250, MATH-252, MATH-265, MATH-266, MATH-910, MATH-995, MICRO-102, MICRO-150, MUSIC-100, MUSIC-102, MUSIC-103, MUSIC-202, MUSIC-247A, PBSF-127, PHYSIC-100, PHYSIC-110, PHYSIC-250, PHYSIC-251, PSYCH-100, PSYCH-118, RADIOL-103, RADIOL-106, RADIOL-109, RADIOL-112, RADIOL-116, RADIOL-205, RADIOL-208, RADIOL-209, RADIOL-211, RADIOL-212, RADIOL-213, RADIOL-215, RESP-130, RESP-131, RESP-132, RESP-135, RESP-136, RESP-138, RESP-139, RESP-234, RESP-235, RESP-237, RESP-238, THART-100, THART-100H, THART-108, THART-109, THART-124X2, THART-140X2, THART-145, THART-179, THART-226, THART-245, WFP/N-601, WFP/N-603

Use of Results/Proposed Actions (Implications for Program Improvement & Planning)

1. Increase the number of sections with embedded tutors and supplemental instruction.
2. Provide faculty with professional development that focuses on universal design where faculty learn to teach to each students learning style in order to help students with critical thinking.
3. Consider rewriting the critical thinking ILO to make more concise.
4. To address attendance issues increase the use of Starfish and Early Alert.
5. Develop assessments that are more common or explore every course incorporating common questions on specific exams that address each SLO.