PROGRAM REVIEW – CURRICULUM PACKET

2018-2019

DIGITAL ARTS

This report includes course student learning outcome (cSLO) assessment summaries from 2015-16 to 2017-18.

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COURSE OFFERINGS

Table 1. Course offerings per academic year from 2015-16 to 2018-19

Course Name	2015-2016	2016-2017	2017-2018	2018-2019
DART G100	x	x	x	x
DART G103	x	x	x	x
DART G135	x	x	x	x
DART G150	x	x	x	x
DART G152	x	x	x	x
DART G170	x	x	x	x
DART G174	x	x	x	x
DART G177	x	x	x	x
DART G178	x	x	x	x
DART G179	x	x	x	x
DART G180	x	x	x	x
DART G195	x	x		
DART G200	x	x	x	x
DART G222	x	x	x	x
DART G230	x	x	x	x

COURSE ASSESSMENT STATUS

Fully Assessed	Partially Assessed	No Assessment
↑	↔	↓

Table 2. Course Assessment Status between 2015-16 and 2017-18
*No enrollment data between 2013-14 and 2018-19

Course Name	Total cSLOs	No. cSLOs Assessed	Assessment Status		Last Term Offered
DART G100	5	2 out of 5	Partially Assessed	↔	Spring 2019
DART G100N	5	0 out of 5	No Assessment	↓	*
DART G103	8	1 out of 8	Partially Assessed	↔	Spring 2019
DART G135	4	2 out of 4	Partially Assessed	↔	Spring 2019
DART G150	5	4 out of 5	Partially Assessed	↔	Spring 2019
DART G152	6	0 out of 6	No Assessment	↓	Spring 2019
DART G170	10	2 out of 10	Partially Assessed	↔	Spring 2019
DART G174	7	1 out of 7	Partially Assessed	↔	Spring 2019
DART G177	4	1 out of 4	Partially Assessed	↔	Fall 2018
DART G178	5	2 out of 5	Partially Assessed	↔	Spring 2019
DART G179	2	0 out of 2	No Assessment	↓	Spring 2019
DART G180	8	1 out of 8	Partially Assessed	↔	Spring 2019

Course Name	Total cSLOs	No. cSLOs Assessed	Assessment Status		Last Term Offered
DART G195	4	0 out of 4	No Assessment	↓	Fall 2016
DART G200	8	0 out of 8	No Assessment	↓	Fall 2017
DART G222	11	1 out of 11	Partially Assessed	↔	Spring 2019
DART G230	6	0 out of 6	No Assessment	↓	Spring 2018

Table 3. cSLOs that were not assessed between 2015-16 and 2017-18

Course Name	cSLO Name	cSLO to Assessed
DART G100	cSLO 3	Discuss the skills needed to use graphics software in the Digital Media field.
DART G100	cSLO 4	Formulate considerations for scanning an image.
DART G100	cSLO 5	Formulate considerations for taking a digital picture for use in a digital arts project.
DART G100N	cSLO 1	Describe the user actions taken to create files, save files, locate files, copy files and the file organization needed for effective computer use in the digital media environment.
DART G100N	cSLO 2	Explain the meaning of the terminology used in the operation of the computer and the graphics software.
DART G100N	cSLO 3	Discuss the skills needed to use graphics software in the Digital Media field.
DART G100N	cSLO 4	Formulate considerations for scanning an image.
DART G100N	cSLO 5	Formulate considerations for taking a digital picture for use in a digital arts project.
DART G103	cSLO 1	Gain an understanding of computer technology vital to designers.
DART G103	cSLO 2	Explore classic principles of design, and will gain knowledge in how these principles apply to graphic design and a multimedia environment.
DART G103	cSLO 3	Understand how to render objects using the computer.
DART G103	cSLO 5	Study color theory as an integrated part of each design problem.
DART G103	cSLO 6	Become familiar with the vocabulary of art and design.
DART G103	cSLO 7	Learn to recognize design elements in the visual arts and in the environment.
DART G103	cSLO 8	Develop image processing skills with Illustrator, PhotoShop, and Painter.
DART G135	cSLO 1	Understand and use a sophisticated computer drawing and paint program and develop enough competence and confidence in its use to apply that knowledge to other software applications.
DART G135	cSLO 4	Apply the specialized terminology used by the software application by completing assignmentsthat require the use ofthat terminology.
DART G150	cSLO 3	Use stock images for digital compositing.
DART G152	cSLO 1	Understand the general terms used in Adobe Photoshop to describe the various tools and actions which could be implemented within the digital applications software.
DART G152	cSLO 2	The student will be able to: manipulate color depth; resample color; define and modify anti-aliasing as it applies to resampling, interpolation and brush stroke modifications; and perform color reduction in images.
DART G152	cSLO 3	Use stock images within Adobe Photoshop for image compositing.
DART G152	cSLO 4	Complete a full-featured flat-bed scan of an image, considering scale, brightness/contrast ranges and cropping.
DART G152	cSLO 5	Create unique images using Adobe Photoshop for business production (such as magazine covers, complete CD covers, inserts, labels and back covers).
DART G152	cSLO 6	Retouch old damaged photographs in the digital world of Adobe Photoshop using techniques such as: limited range scanning, RGB multi-level scanning, cloning tools, layers, cropping and bringing back faded color and the removal of stains.
DART G170	cSLO 1	Learn to determine the visual needs of graphic design projects
DART G170	cSLO 2	Understand the organizational requirements of the given graphic elements.
DART G170	cSLO 3	Create layouts necessary to the given space requirements.
DART G170	cSLO 4	Exercise the process of production from concept to reproduction.
DART G170	cSLO 5	Be introduced to the production and creative tools of the computer.
DART G170	cSLO 6	Learn to prepare art work for print production or electronic processing.
DART G170	cSLO 8	Gain an understanding of photography selection and placement.

Course Name	cSLO Name	cSLO to Assessed
DART G170	cSLO 9	Be introduced to and have experience in pre-press production.
DART G174	cSLO 2	Develop effective communication in print media using an esthetically pleasing composition of text and graphics.
DART G174	cSLO 3	Compose pages using the underlying structure of page composition and design.
DART G174	cSLO 4	Understand basic publishing principles and terminology.
DART G174	cSLO 5	Design and create professional looking page layouts using basic page layout theory.
DART G174	cSLO 6	Integrate files with other Adobe products.
DART G174	cSLO 7	Develop a working knowledge of the publishing and printing industries.
DART G177	cSLO 1	To understand and begin to apply skills in layout and design of commercial art projects using computer graphics technology
DART G177	cSLO 2	To gain an introductory understanding and consideration of special issues in producing commercial art projects under deadline
DART G177	cSLO 3	To be able to evaluate commercial art projects for both functional and aesthetic appeal
DART G178	cSLO 2	Analyze techniques for optimizing graphics and integrating animation, audio and video into a web site.
DART G178	cSLO 3	Apply classic design principles to web site planning and construction.
DART G178	cSLO 4	Discuss the balance between form and function.
DART G179	cSLO 1	Will be able to use professional level desktop publishing software to produce a portfolio of work that will meet industry standards.
DART G179	cSLO 2	Will be able to take a project from inception to completion and ready for output on a printing press or digital press, or electronically on the World Wide Web.
DART G180	cSLO 1	Develop a top quality dynamic interactive website and multimedia player.
DART G180	cSLO 3	Become familiar with site usability and interaction.
DART G180	cSLO 4	Explore challenging examples of technique and problem solving.
DART G180	cSLO 5	Create site orientation and navigation skills.
DART G180	cSLO 6	Incorporate static HTML sites with Flash interactivity.
DART G180	cSLO 7	Discover integration of sound into HTML files using Flash.
DART G180	cSLO 8	Survey how Flash interacts with other multimedia software.
DART G195	cSLO 1	Demonstrate intermediate digital media arts software knowledge applied to biotechnology subject matter.
DART G195	cSLO 2	Demonstrate project based learning of basic cell structure, human anatomy,medical product design in-situ and special projects.
DART G195	cSLO 3	Demonstrate knowledge of life science markets, size, location and specialty.
DART G195	cSLO 4	Demonstrate teamwork in accomplishing interdisciplinary project based learning.
DART G200	cSLO 1	Demonstrate more complex web page functions.
DART G200	cSLO 2	Introduce movement and animation to web page designs.
DART G200	cSLO 3	Produce web addresses that provide a multitude of features and functions.
DART G200	cSLO 4	Employ multiple web design applications.
DART G200	cSLO 5	Practice web site construction for complicated projects.
DART G200	cSLO 6	Apply billing procedures to web site construction and management.
DART G200	cSLO 7	Extend working knowledge of HTML hard coding.
DART G200	cSLO 8	Utilize web connection functions to build sites that will work with a variety of servers.
DART G222	cSLO 10	Through comparative study, gain an understanding of the current digital arts world
DART G222	cSLO 11	Develop a portfolio of contemporary digital images
DART G222	cSLO 2	Understand how to render objects using the computer
DART G222	cSLO 3	Learn to combine painting mediums and drawing mediums
DART G222	cSLO 4	Develop image processing skills with PhotoShop, Illustrator, and Painter software
DART G222	cSLO 5	Survey techniques for optimizing graphics for application into multimedia
DART G222	cSLO 6	Gain an understanding of computer technology vital to designers
DART G222	cSLO 7	Explore classic principles of design, and will gain knowledge in how these principles apply to illustration and graphic design

Course Name	cSLO Name	cSLO to Assessed
DART G222	cSLO 8	Define a problem and create a solution that balances information with the aesthetics of design
DART G222	cSLO 9	Grasp how to simplify content down to essential elements in a subtle visual context
DART G230	cSLO 1	Be able to use a 3D animation program to form and build complicated wire frame objects where many parts are used to construct the whole.
DART G230	cSLO 2	Have the understanding and ability to cover a wire framed object with a surface texture.
DART G230	cSLO 3	Be able to set up a rendering of the object suitable to transfer the image to a desktop publishing program.
DART G230	cSLO 4	Be able to set lighting, camera actions and effects to enhance animation or complete a one frame still.
DART G230	cSLO 5	Animate and render that animation into a Quick Time movie featuring created objects, characters or lettering.
DART G230	cSLO 6	Save all the computer functions to the proper file within a disk storage unit.

DATA EVALUATION

Table 4. cSLOs assessed and corresponding Data Evaluation.

*Denotes historical cSLOs.

Course Name	cSLO	Semester Assessed	cSLO Data Evaluation
DART G100	cSLO 1	Fall 2016	One hundred percent of the students achieved the SLO with high levels of success. This is an acceptable percentage. Students already had some experience with computers but may not have had experiences on both PC and MAC platforms. Their previous experience may have contributed to their success rates.
DART G100	cSLO 2	Spring 2017	100% of the students are achieving at the desired range.
DART G103	cSLO 4	Fall 2017	• Students were able to layout a basic poster design using Adobe Photoshop. • Students were able to manipulate images that they researched and downloaded from the internet. • Quality of outlining and editing of images varied as is normal for a beginning Photoshop class, as some students had prior experience with this software. • Students who attended class on a regular basis showed a better grasp of the functionality of tools and filters—as would be expected. Techniques were taught via in-class follow-along demonstrations and Adobe tutorial videos for home review. Students who followed both methods of learning showed advanced understanding of Photoshop techniques, which are complicated and time-consuming to understand and retain.
DART G135	cSLO 2	Fall 2016	13 out of 15 students received scores above the desired 80% threshold while the other two received scores between 70% - 78%. While the lower scores are still acceptable and considered passing the assignment, a higher would be more beneficial to the student in terms of career preparation.
DART G135	cSLO 3	Fall 2016	6 students received scores above 90%, 12 students received scores above 80%, 4 students received scores above 70%.
DART G150	cSLO 1	Spring 2016	Students were able to learn how to use a designated tool by example and practice with necessary email feed back from the instructor. • Tools are introduced each week for student use and expanding. • Students learn from their own computers with our downloads and examples.They then perform challenging use of these newly presented tools. • The main factor influencing student results is student participation with the viewing of the training videos and then producing assignments that use and expand certain tools with a cumulative experience factor as the weeks of the semester go by.
DART G150	cSLO 2	Fall 2016	This project helped assess their learning skills achieved through successful completion of the weekly assignments. 1. The students that completed the project applied the skills necessary to be successful for the learned outcome. 2. The students that followed the course syllabus and blackboard and who used the online class materials were successful in achieving the courses goal. Students that had not

Course Name	cSLO	Semester Assessed	cSLO Data Evaluation
			followed the course syllabus or guidelines received poor grades due to poor completion and lack of online attendance.
DART G150	cSLO 4	Fall 2016	92% of the students achieved the SLO satisfactory scores. Most students were able to obtain original photos and create final images with the minimum required layers, however, several students had trouble finding images that related to the scope of the assignment.
DART G150	cSLO 5	Spring 2016	Students were able to learn how to use a designated tool by example and practice with necessary email feed back from the instructor. • Tools are introduced each week for student use and expanding. • Students learn from their own computers with our downloads and examples.They then perform challenging use of these newly presented tools. • The main factor influencing student results is student participation with the viewing of the training videos and then producing assignments that use and expand certain tools with a cumulative experience factor as the weeks of the semester go by.
DART G150	cSLO 5	Spring 2017	92% of the students achieved at a level of 80% of satisfactory levels. The students that had trouble achieving at or above theses levels had difficulty understanding when to use each tool of the software.
DART G150	cSLO 5	Spring 2017	Student correctly uses color correction, selection tools and retouching tools to manipulate images and focus the composition on the subject. Alterations to the image support the original meaning of the image.
DART G170	cSLO 10	Fall 2016	Material covering the subject matter for this SLO was introduced in lecture. Students were also asked to discover more information by research or interviewing industry professionals. 90% of the students could compile a list of 6 items (achieving a score of 60%). 10% of the students could compile a list consisting of 3 - 5 items (achieving a score of 30%-50%).
DART G170	cSLO 7	Spring 2017	Students were able to chose type, color, and layouts effectively. Paper stock was not an option since this was an Online course.
DART G174	cSLO 1	Fall 2017	Students were able to see a long-term complex project developed from concept to delivery to a "client" (ie: the instructor). • Yes the students achieving/demonstrating the skills of the SLO listed in Step #1 are achieving at a higher than expected level. In an effort to keep students challenged each term, the project as well as the lead up assignments are being assessed for areas of increased rigor. • Students are challenged and performing at a high level. • There are challenges present in the class due to the general nature of public education. There is a disparity in the class ofapproximately 50% FTE students and 50% students who are taking one class for enrichment. The challenge has been to find a comfortable area that challenges both and does not discriminate against one or the other in terms of academic level.
DART G177	cSLO 4	Fall 2017	Edward Hansbury
DART G178	cSLO 1	Fall 2016	Students were able to learn how to map out and create an outline that served as a blueprint for the final project in class. • Yes the students achieving/demonstrating the skills of the SLO listed in Step #1 at an acceptable level? • This is an acceptable percentage.Students who logged in each week to the online class were successful.Students who had poor attendance and did not turn in the project received an F on the project. • The main factor influencing student results is attendance in lecture and lab.Techniques are taught during class or the weekly online videos, and projects are extremely time consuming.
DART G178	cSLO 1	Spring 2018	Students were able to learn WordPress basics. • Yes the student's achieving/demonstrating the skills of the SLO listed in Step #1 is at an acceptable level? • Yes this an acceptable percentage. Students who attended online lecture and labs on a regular basis were successful. Those who did not failed • The main factor influencing student results is attendance in lecture and lab.Techniques are taught during class, and projects are extremely time consuming.

Course Name	cSLO	Semester Assessed	cSLO Data Evaluation
DART G178	cSLO 5	Spring 2017	The students all turned in their final project site maps on time and early in the semester so the instructor could give feedback and they could use this feedback to begin working on their final website project.All of the students achieved the skills of the listed SLO at acceptable levels and received feedback if needed from the instructor.
DART G180	cSLO 2	Spring 2017	Students were able to learn new software and learned how to next animations and sound to successfully embed a complex animation into a webpage. -Yes the student's achieving/demonstrating the skills of the SLO listed in Step #1 is at an acceptable level? -Yes this is an acceptable percentage. Students who attended lecture and lab on a regular basis were successful. Those who did not failed. -The main factor influencing student results is attendance in lecture and lab. Techniques are taught during class, and projects are extremely time consuming.
DART G222	cSLO 1	Spring 2017	Thirty percent of the students were not able to achieve at high levels. The requirement of having traditional skills posed a challenge for students who were not DMA, DART, or Fine Art majors.

DATA PLANNING

Table 5. cSLOs assessed and corresponding Data Planning.

*Denotes historical cSLOs.

Course Name	cSLO	Semester Assessed	cSLO Data Planning
DART G100	cSLO 1	Fall 2016	Teach students how to achieve the same tasks on both PC and MAC operating systems.
DART G100	cSLO 2	Spring 2017	Continue to use the test form as a measurement tool; update as needed.
DART G103	cSLO 4	Fall 2017	I will create additional instructional pdf's or videos for students that describe and show step-by-step techniques for some of the more difficult features of Photoshop. Creating a guide for basic masking techniques would be an example.
DART G135	cSLO 2	Fall 2016	Give the assignment in two parts. Allow students to identify/compare half of the tools in each application, then give the second half a few weeks later.
DART G135	cSLO 3	Fall 2016	A plan for improving the lower range scores includes (1) showing more examples of both professional and student created logos and (2) allowing students to practice more with the Gestalt principles before moving on to the assignment.
DART G150	cSLO 1	Spring 2016	There are a lot of tools in Photoshop to alter old photo images to "fix" problems of aging and deteriorating. Some of them are basic tools used a lot. Others are very unique tools used only occasionally. I look to see what tools we can bunch up in early lessons to give us some more time later on to explain some of the more advanced tools and techniques. I also look to use old photos in the students' collection to improve so success has many payoffs for the labor and research accomplished.
DART G150	cSLO 2	Fall 2016	Using these results, I will be able to re-evaluate the current rubric for grading and assessing for this course. This process of assessment will allow me to analyze the method so that students will better understand the steps for each assignment, thus achieve higher goals for the course.
DART G150	cSLO 4	Fall 2016	Consider modifying the SLO to reflect changes in the industry. Suggest removing DVD and CD cover designs as an outcome of the SLO.
DART G150	cSLO 5	Spring 2016	There are a lot of tools in Photoshop to alter old photo images to "fix" problems of aging and deteriorating. Some of them are basic tools used a lot. Others are very unique tools used only occasionally. I look to see what tools we can bunch up in early lessons to give us some more time later on to explain some of the more advanced tools and techniques. I also look to use old photos in the students' collection to improve so success has many payoffs for the labor and research accomplished.

Course Name	cSLO	Semester Assessed	cSLO Data Planning
DART G150	cSLO 5	Spring 2017	A plan to reach One hundred percent can be obtained in future courses would be to offer students a quick review of the tools prior to assigning the project.
DART G150	cSLO 5	Spring 2017	None.
DART G170	cSLO 10	Fall 2016	This SLO should not be introduced in this course. Suggest removing it and placing it another course where more time can be allocated to the subject matter related to the SLO. The SLO should be included in a professional practice course.
DART G170	cSLO 7	Spring 2017	Recommended for future courses: Give lecture on history of fonts and type, have students to visit font foundry websites earlier in the semester.
DART G174	cSLO 1	Fall 2017	Students this semester were a challenge. Most had constant attendance issues and regularly challenged me on doing what they wanted to do, not what was required in the course. A number of students didn't like being reviewed or challenged on their ideas and concepts even though it was not what was asked for or required…I had one student walk out of a review because I questions her on the organization of her final project.
DART G177	cSLO 4	Fall 2017	I will be using these results to assess the rigor of the course and adjust the work accordingly as well as increasing the rigor of real world experiences.
DART G178	cSLO 1	Fall 2016	I will use these results to develop a more comprehensive rubric for grading these projects. This course each project has specific requirements, which fit easily into a rubric. The outcome was what I was looking for and the majority of the students succeeded.
DART G178	cSLO 1	Spring 2018	I will use these results to develop a more comprehensive rubric for grading these projects. This course each project has specific requirements, which fit easily into a rubric.
DART G178	cSLO 5	Spring 2017	I would do two rounds of this project, keeping the first one and adding another about 2-3 weeks after the start of building the site so the instructor can give more feedback into the navigation construction of the final project.
DART G180	cSLO 2	Spring 2017	I will use these results to develop a more comprehensive rubric for grading these projects. This course each project has specific requirements, which fit easily into a rubric.
DART G222	cSLO 1	Spring 2017	The SLO should be reevaluated or updated.