Vincent Massey High School

Digital Pictures and Filmmaking

Course Outline 2014-2015
Teacher: Mrs. N Garbutt
Email: garbutt.nicole@brandonsd.mb.ca
Phone: 204-729-3170
Location: Media Room
Course Description: Digital Pictures and Film Making

The purpose of this course is to introduce students to the power of digital photography and filmmaking. Students will plan, develop and communicate messages/stories through the digital lens. Students will examine basic concepts using industry standard equipment and software throughout the delivery of the course. Students will use both Mac and PC throughout the course and will be introduced to Adobe Photoshop CS6, iMOVIE 11, Garage Band, and Adobe Premiere Pro CS6 software. Students will develop communication skills using photography, video and sound capture and editing. The exploration of traditional practices and the experimentation with chroma-keying, filters, photo-rendering software, video-editing software, and DVD authoring software will aid students in developing a multi-media portfolio.

Textbook: We will use various teacher-supplied resources. Required materials: 8GB flash drive

Student Expectations

This classroom must be a safe and respectful environment where students are free to express themselves.

- Disrespectful behavior will be dealt with in a swift and firm manner.
- Students are expected to arrive to class on time with all required materials.
- Food or drink is not permitted on the computer desks.
- Always show respect to everyone in our classroom.
- Ask permission before leaving the classroom.
- Respect all property. (School property, personal property, and other's property)
- Respect all ideas given in class and do not criticize anybody's ideas or thoughts.
-

General Learning Outcomes

As a result of partaking in this course students will:

- Define the purpose and audience for an image.
- Select the graphic file format best suited to the end product and purpose of the image. (Examples: image size, resolution, bitmap or vector, compression…)
- Conceive of a still image that will communicate a message.
- Display an original graphic image. (Examples: printed, projected…)
- Capture a still image with a digital camera.
- Manipulate a digital image to create a new image by:
- Critique and suggest improvements for an image, using given technical and aesthetic criteria.
- Using painting tools (Examples: lines, boxes, polygons, pencil, brush, spray, text…)
- Using editing tools (Examples: extract, crop, straighten, colour…)
- Using layers (Examples: create, adjust, import, knockout, duplicate, liquefy…)
- Flattening files
- Using image properties (Examples: transparency/opacity, soft/hard edges, curves…)
- Applying filters and effects (Examples: blur, distort, sketch, stylize, texture…)
- Accept critique of an image and make changes based on the feedback.
- Define the purpose and audience for a film.
- Evaluate the effect of camera position, angle, and movement.
- Capture images and sounds with cameras and microphones.
- Transfer images and sounds from recording devices to a personal computer.
- Experiment with lighting effects.
- Edit video and sound clips using a software program.
- Use lighting techniques to convey mood. (Example: dark lighting and shadows emphasize   dramatic effects. As a learning strategy, students may compare the lighting employed in a variety of video genres, such as advertisement, music video, drama, documentary, and news.)
- Combine sound, still images, moving images, text, graphics, animation, transitions, and effects into a video product. (Note: emphasize the need to respect intellectual property and credit sources.)
- Use a software program to add title and credits to a video project.
- Evaluate the effect of camera settings on image quality. (Examples: aperture settings,quality settings, manual versus automatic…)

Unit Descriptions

Unit 1 Introduction to Digital Pictures and Filmmaking (4 weeks)

Students will be introduced to the digital pictures and filmmaking industry. They will learn about the history of the industry and look at how equipment has evolved over the years. Student will learn that storytelling is the building blocks of every good image and video. They will learn how to effectively tell stories through pictures and movies.

Students will also examine how the camera works including concepts such as Aperture, ISO, white balance etc. Students will learn about the basic concepts of the digital camera and the images they take. (Pixels, digital formats, ISO, white balance, aperture, shutter speed, and lighting) Students will also learn about image composition. (Rule of thirds, filling the frame, backgrounds, and horizontal vs. vertical). The difference between Candid, Portrait, and landscape photography will also be explored.

- Story Telling Assignment
- Photo Capture Assignment 1
- Photo Capture Assignment 2
- Photo Capture Assignment 3
- Unit Test

Unit 2 Photoshop Basics (4 weeks)

Students will examine the basic features of Photoshop and how they can be used in digital pictures and filmmaking. Each day a new concept will be introduced and practiced.

- Image Manipulation Assignment 1
- Image Manipulation Assignment 2
- Movie Poster Assignment
- Digital Collage
- Panorama Photo merging
- In class presentation
- Written Unit Test

Unit 3 Audio (3 weeks)

Using Garage Band and iMovie 11 students will examine the basics of audio capture and editing. Students will create a variety of audio projects which will convey mood and feeling.

- Project 1 – Sound effects capture assignment
- Project 2 – Mood Music assignment

Unit 4 Video and Audio Editing/Lighting (4 weeks)

Using iMOVIE 11 students will examine the basic concepts of video editing.
Students will practice editing a variety of projects, which will prepare them to
create their personal movie trailer. Students will explore the various techniques
of shooting video including the rule of thirds, white balance, manual vs. auto
settings, shooting angles, zoom, and transitions. After shooting their footage
students will go back to the computer and edit and produce a movie trailer.
Students will also study the importance of using proper lighting techniques when
recording video.

- Video special effects assignment
- Lighting assignment
- Trailer assignment
- Written unit test

Unit 5 Stop Motion (2 weeks)   Using stop motion, students will create a 15 – 30
second commercial. Students will examine the main concepts of stop motion
and how it can effectively be used in digital filmmaking.

- Stop motion assignment
- Written unit test

Final Project Digital Portfolio (1 week)

Students will create digital portfolio in iMOVIE displaying their photography and video
work in this class. Students must create a visually pleasing portfolio that is
organized in the order in which they did the work.

Course Evaluation Structure

Assignments: 65%
Tests: 20%
Final Project: 15%

DISCLAIMER NOTE: Instructor reserves the right to substitute projects or alter
the order of units pending availability of materials and/or computer access or if
superior activities surface to enhance the students' learning experience.

Your term mark will be a cumulative mark based on the below percentages. You
must attain a minimum of 50% average to receive credit for this course.

IMPORTANT INFORMATION REGARDING DUE DATES: Unit assignments that are not submitted by the completion of the related unit's summative evaluation will receive a zero grade for the assignment(s).

Students who miss a unit test with an excused absence will write the test on the first day back. Students who miss a unit test with an unexcused absence will receive a grade of 0 for that test. Any extension for a student to the above standard will only be considered by the administration when requested by the teacher.

Student Responsibility Guidelines for Assessment and Evaluation

Students actively engaged in their learning are the essence of the Brandon School Division's mission of educating the whole child.

The assessment, evaluation and reporting of student learning and achievement involves students, teachers, principals, parents, superintendents and the Board of Trustees. It is the responsibility of professional educators to assess, evaluate, and report on each student's degree of engagement and resulting learning outcomes. Such assessment, evaluation and reporting is a continuous and fundamental part of the student's learning process. Students are responsible for:

- their own learning with the expertise, assistance and motivation of their teachers;
- engaging individually and collectively in school/community learning opportunities;
- improving their learning involvement
- playing an active role in assessing their own learning
- providing evidence of their learning within established timelines.

The purpose of this document is to identify student responsibilities in assessment and evaluation practices, provide clear guidelines and consequences so students can make informed decisions, and to provide structures that improve the relationship between student learning and assessment. All assessments and/or evaluations will be assigned a reasonable completion date by the classroom teacher. When a student demonstrates negligence and/or disregard towards the assessment and/or evaluation due date, the teacher can assign a "0" grade for the incomplete assessment and/or evaluation. For a "0" grade to remain permanent on the student's record for that unit of study, a teacher's records will demonstrate that he/she had advised the student and the parent/guardian that there was an opportunity to complete the original assessment or an alternate assessment, but that it would have been penalized in accordance to divisional guidelines.   Penalization for late assessments is as follows:

- Grade 9 – 10%
- Grade 10 – 15%
- Grade 11 – 20%

- Grade 12 – 25%

Example: Grade 10 student receives 80% for a late assessment. The penalty for the late assessment would be (80) (0.15)=12 . The adjusted mark would be 80-12=68%. Once the late assessment is marked, the penalized assessment mark will replace the "0" grade that was originally assigned to the student by the teacher.   If the original or alternate assessment is not submitted by the new completion date or if the student refuses to submit a required assessment, the "0" grade assigned to it will remain on the student's evaluation records. The "0" grade(s) will be calculated into the student's final mark for the unit of study and will be used in the calculation of the final grade of the course.

Thursday, September 5, 2013

Dear Parent/Guardian,

I look forward to meeting and working with you to meet the educational needs of your son/daughter. Please feel free to contact me at any time should you have any questions or concerns. I will be compiling a parent email list.

I will send periodic updates and information regarding assessments using this email list. You can also visit my teacher website page to get updates on the daily happenings in the class and upcoming due dates. Please detach and keep this portion. Email is the quickest way to get a hold of me as I check it a few times a day.

Mrs. Nicole Garbutt

Phone: 204-729-3170

Email: garbutt.nicole@brandonsd.mb.ca

After reading the course outline, please detach, sign and return this portion by Monday September 9th, 2012. Be sure to include an active email address.

Print student's name: _____

Student Signature: _____

Date: _____

Parent/Guardian Signature: _____

Date: _____

Parent/Guardian's email address: _____

Students email address: _____

Questions or Concerns?