CAMOSUN COLLEGE
School of Trades & Technology
Mechanical Engineering Department

ENGR 152
TECHNICAL PUBLISHING APPLICATIONS
Winter 2020

COURSE OUTLINE

The calendar description is available on the web @
http://camosun.ca/learn/calendar/current/web/engr.html#ENGR152

Ω *Please note: This outline will not be kept indefinitely. It is recommended students keep this outline for their records, especially to assist in transfer credit to post-secondary institutions.*

1. Instructor Information

(a) Instructor	John Bowyer-Smyth	
(b) Office hours	By appointment	
(c) Location	TBA	
(d) Phone		**Alternative:**
(e) E-mail	bowyer-smythj@camosun.bc.ca	
(f) Website/Drive	online.camosun.ca **Shared Drive:** TBD	

2. Intended Learning Outcomes

1. Create, import, and manipulate graphics using image processing software;
2. Create, import, and format text and graphics using desktop publishing software; and
3. Generate print and web-based technical documents.

3. Required Materials

(a) Texts
   Adobe Photoshop CC 2019 Release Classroom in a Book
   Adobe Illustrator CC 2019 Release Classroom in a Book

(b) Other

4. Course Content and Schedule

Lecture: Monday: 9:30 – 10:20pm - TEC 150
Lecture: Monday: 10:30 – 11:20pm - CBA 144
Lab: Wednesday: 1:00 – 4:00 - TEC 151

1. Elements and Principles of Design
2. Introduction to Adobe Photoshop
   - Vector vs. Raster Images
   - File Formats, Resolution, PPI, DPI for Print and Web
   - Sizing, Cropping and Manipulating Images
   - Filters & Effects
3. Introduction to Adobe Illustrator
   - Drawing, Importing and Manipulating Images
   - Typography Basics
   - Layout Techniques, Printing
4. Generating PDF files for Print and the Web

Assignments
Assignment 1: Poster Creation Using Adobe Photoshop
Assignment 2: Project Showcase Banner
Assignment 3: Islander Precision Reels Brochure

5. Basis of Student Assessment (Weighting)

(a)	Lessons from CIB	30%
(b)	Assignments*	55%*
(c)	Attendance and Participation**	15%
(d)	Exams	n/a

* **Assignments** - All assignments are due at the end of class. A PDF of Assignments can be added to the Drop Box in D2L and working files can be added to the **Submission** folder (TBD).
Late assignment will be penalized; 5% per day will be deducted from the final assignment grade.
Participation: Short quizzes are given throughout the course; these are a part of your participation mark.

6. Grading System

| x | Standard Grading System (GPA) |

| | Competency Based Grading System |

7. Recommended Materials to Assist Students to Succeed Throughout the Course

Materials will be in your D2L account

8. College Supports, Services and Policies

Immediate, Urgent, or Emergency Support
If you or someone you know requires immediate, urgent, or emergency support (e.g. illness, injury, thoughts of suicide, sexual assault, etc.), **SEEK HELP**. Resource contacts @ http://camosun.ca/about/mental-health/emergency.html or http://camosun.ca/services/sexual-violence/get-support.html#urgent

College Services
Camosun offers a variety of health and academic support services, including counselling, dental, disability resource centre, help centre, learning skills, sexual violence support & education, library, and writing centre. For more information on each of these services, visit the **STUDENT SER VIC ES** link on the College website at http://camosun.ca/

College Policies
Camosun strives to provide clear, transparent, and easily accessible policies that exemplify the college's commitment to life-changing learning. It is the student's responsibility to become familiar with the content of College policies. Policies are available on the College website at http://camosun.ca/about/policies/. Education and academic policies include, but are not limited to, Academic Progress, Admission, Course Withdrawals, Standards for Awarding Credentials, Involuntary Health and Safety Leave of Absence, Prior Learning Assessment, Medical/Compassionate Withdrawal, Sexual Violence and Misconduct, Student Ancillary Fees, Student Appeals, Student Conduct, and Student Penalties and Fines.

A. GRADING SYSTEMS http://camosun.ca/about/policies/index.html

The following two grading systems are used at Camosun College:

1. Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	A		8
80-84	A-		7
77-79	B+		6
73-76	B		5
70-72	B-		4
65-69	C+		3
60-64	C		2
50-59	D		1
0-49	F	Minimum level has not been achieved.	0

B.   Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy at http://camosun.ca/about/policies/index.html for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description
I	*Incomplete*: A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.
IP	*In progress*: A temporary grade assigned for courses that are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.
CW	*Compulsory Withdrawal*: A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement.