MGD 165 After Effects Spring 2019
Course Syllabus

Section 05A CRN 39533   Credit Hours: 3 Contact Hours: 67.5

Course Description:

Provides the fundamental techniques for creating digital motion graphics such as 2D animations, animated logos, video graphics, etc. Classes cover relevant tools and techniques as well as industry standards, delivery methods and output.

Course Materials:

Textbooks: Adobe After Effects CC Classroom in a Book (2018 release) 1st Edition – Adobe Press ISBN-: 978-0134853253

Free Lynda Subscription through Pikes Peak Library (Library card required)
http://ppld.org/whats-new/lyndacom-comes-ppld

External hard drives or cloud storage. These drives are indispensable cross-platform storage devices and file transver speeds. Consider at least 1 terabyte for video files

Note: External drives are for transporting files. Loss of course work due to drive failure will not be considered a valid excuse for inability to complete

Reliable access to the internet

Headphones, for sound output

Video Capture device - Smart phone, Digital Cameras (provided if necessary)

Class Times:

Tuesdays and Thursdays 3:00 – 5:05 PM

PIKES PEAK COMMUNITY COLLEGE
DIVISION OF COMMUNICATIONS, HUMANITIES AND TECHNICAL STUDIES

Faculty Information:
Name: *Peter Strand*
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Class: Room S120 Downtown Studio Campus

Office Location Campus: CC
Room: F-300
Office Phone #: 719-502-3730

Division Office Contact Phone: 502-3200 (Main office: F-300, at the Centennial Campus)

General Course Objectives: Roman numerals refer to Colorado Community College Common Course Outline Standard Competencies

Course Learning Outcomes:

I.   Create and combine storyboarding and scriptwriting.

II.   Compose video content through input of digital video.

III. Produce video output to various formats.

IV.   Configure computer for DV editing.

V.   Create a digital video

VI.   Creating and moving Keyframes.

VII. Apply Effects and create motion through interpolation.

VIII. Target and apply masks.

IX.   Create playbacks and previews.

X   Apply filters, mattes, composite, and overlay modes.

XI.   Demonstrate usage of design principles by applying them in their arrangement of graphic and text elements for video and moving content.

XII. Analyze design elements and principles.

XIII. Develop and produce digital video assets for multimedia.

WRITING CENTER:

Pikes Peak Community College offers students personal instruction in the areas of critical thinking, critical reading, English as a Second Language, and effective writing at our three campus locations. We offer one-to-one conferencing, online tutoring, and computer assisted instruction for students enrolled in any course, not just English Composition. Please drop-in (or call) to make an appointment (Centennial Campus, room A-311, 540-7769; The Downtown Studio, room DT-215, 540-2503; or at Rampart, N-202, 538-5521). You may also e-mail the centers at owl@ppcc.edu. And please do check us out on the world wide web at www.ppcc.edu/StudentServices/WritingCenter .

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Student Learning Outcomes:

Learn the After Effects interface

- Timeline
- Compositions
- Import/Rendering
- Masks
- Keying
- Puppet tool
- Cameras and Lighting
- 2D and 3D
- Effects

Post production Video basics

- Definition of Timeline
- Frames and Keyframes
- Definition of space/ X Y and Z
- Animation Principles
- Rotoscoping
- Visual Special effects VFX (not Special Effects - it's an industry thing)

Post production Video skills

- Transitions
- Motion Graphics
- Typography
- Compositing
- Timing
- Layout
- Heirarchy
- Marketing templates

Do some projects

- ADDY awards intro video
- Credit Union Social Media info video
- Music Video

...and, lots of practice projects

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Topical Outline:

Introduction to After Effects basics
    A. Printing basics & Print Publication

After Effects Concept
    A. Compatibility features
    B. AfterEffects environment

Workflow and managing footage
    A. moving images
    B. typography
    C. layout
    D. photography and digital imaging
    E. digital video
    F. audio editing.

Tools and Desktop

Compositions

Storyboarding and Scriptwriting

Video Input and Output
    A. NTSC
    B. PAL
    C. Capturing Analog to Digital
    D. Render and Compression
    E. QuickTime

Camera work
    A. Digital Video Cameras

Bins, Sequences, and Canvas

Viewer, Timeline for edit Management

Media Management and Preferences

Layers
    A. Editing

Properties and Keyframes

Playback, Previews, and RAM

Effects Fundamentals

Standard Effects in Action

More Layer Techniques

Mask Essentials

Keyframe Interpolation

Filters
    A. mattes

Composite and Overlay Modes

Motion Control

Editing Techniques
    A. trim
    B. split
    C. rolling
    D. timecode
    E. transitions

Keyframes

Audio

Graphics, Text, Visual Elements and Principles
    A. Importing
    B. Graphics manipulation
    C Frames
    D. Line
    E. Shape
    F. Value
    G. Texture
    H. Color
    I. Space
    J. Balance
    K. Scale
    L. Proportion
    M. Movement
    N. Dominance
    O. Harmony-Rhythm and Repetition
    P. Unity and Variety

Attendance:

Attendance will be taken at each class; students are expected to be on time.

Attendance, punctuality, and professionalism/courtesy are important in business (and in life), and thus will play a part in your assessment. Each class time that you are missing or late may result in 5 points off of your final grade. If you are absent or late due to an emergency, you must leave me a message at 5740794 immediately. More than four unexcused absences will result in automatic failure.

Class participation makes up 30% of your grade. You must come to class with assignments/projects completed and questions ready. Prior knowledge or experience with the software does not exempt you from tutorials/in class exercises. If you have mastered the skill, help your classmates.

The lecture portions of the class require your undivided attention. While the classroom computers are connected to the Internet, each instance of surfing the Internet rather than being attentive and involved in will result in 5 points off of your final grade (i.e. it will be treated as an unexcused absence.)

Withdrawals: Drop with a refund is possible during the first 15 percent of the term. You may also initiate an official withdrawal through 80 percent of the term resulting in a grade of "W." A "W" grade has no credit and is not computed in the GPA. If you simply stop attending without officially withdrawing, a grade based on the total points earned will be assigned to you at the end of the term as per the grading policy listed in the syllabus. This will usually result in an "F" grade on your grade report and may not be changed to a "W" once it is issued. Consult a current class schedule for the last date to withdraw. Important Note: Withdrawal for any reason after the official term "Drop Date" (first 15% of the term; see PPCC Semester Schedule) will result in you forfeiting the Colorado College Opportunity Fund (COF) credit in an amount equal to this course's credit hours.

Incomplete: An Incomplete "I" grade will be issued only if you have completed more than 75 percent of the course requirements, and has an emergency that cannot be resolved prior to the end of the semester. An Incomplete "I" is rarely issued and may pose some risk to your GPA. All remaining work must be satisfactorily completed by the contracted date prior to the end of the next semester or a grade of "F" will be issued for the course.

Audit: You may choose to take this course for audit. Normally, the audit option should be declared at registration; however, you may change their registration from credit to audit up to the current term "Drop Date" (first 15% of the term) published in the PPCC schedule. The request to change to audit must be done on a semester registration form and must receive written recommendation by the CHTS Division Dean and be approved by the Vice President for Educational Services prior to the published "Drop Date." Once an audit status is approved, the decision is irreversible. Audit grades do not transfer and are not computed in the GPA. Courses taken by audit do not count toward enrolment status for financial aid or veterans' educational benefits.

Important Note: Audit courses are not eligible for the Colorado College Opportunity Fund (COF) stipend. Students are responsible for the additional tuition amount per credit hour audited that would normal be covered by COF.

Academic Standards and Grading: See the current PPCC Catalog (http://www.ppcc.edu/app/catalog/current/ and click on the "Academic Standards" link) for important information regarding academic standards and the grading system that applies to this course.

Quizzes/Book assignments Quizzes – AE and Video basics Book assignments	100	**Scale** *A = 500 - 450*
Three Projects ADDY intro Social Media info video Music video	200	*B = 449 – 400* *C = 399 – 350* *D = 349 – 300*
Professionalism Attendance Professional courtesyInvolvement in critiques	100	*F = 299 or less*
Labs and special projects Photoshop timelineSlideshow labFlash symbols	100	
Total Points	500	

* 10 points will be deducted every class day the project is late

Grading is both objective and subjective. The standard definitions for letter grades at
PPCC parallel, but may override, point scale:

> *A Distinguished grade for superior work.*
> *B Better than acceptable.*
> *C Acceptable better than passing.*
> *D Less than acceptable, passing: poor but passes objectives.*
> *F Failing: not demonstrating an adequate level of achievement of course objectives*

The quizzes and final exam will primarily cover industry standard terms and common
Development practices, as well as coding

Colorado State Competencies: The requirements in this course meet or exceed the critical thinking, reading, written communication competencies established by the Colorado Commission on Higher Education for guaranteed transfer, general education courses in Communication.

Americans with Disabilities Act (ADA): "Any student eligible for academic accommodations due to a disability or who would like to consult with a disability specialist should contact the Office of Accommodative Services (OASIS) at 502-3333. Please visit our webpage for additional information at www.ppcc.edu/oasis "

Student Conduct: Review the policies on student conduct in the college catalog or at http://www.ppcc.edu/app/catalog/current/ Click on the "Student Conduct" link.

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PPCC Important Dates (Spring 2019):

Monday, January 14 – Classes Begin
Thursday, January 24 – No Shows Due
Tuesday, January 29 – Drop Date
Friday, February 15 – Deadline to Apply for Graduation
March 25-31 – Spring Break – Campus Open, but NO CLASSES
Friday, April 12 – Withdraw Date
Sunday, May 5 – Classes End
Wednesday, May 8 – Grades Due
Saturday, May 11 – Graduation Ceremony

Institutional Syllabus

Institutional policies regarding academic honesty, plagiarism, student conduct, accreditation, Americans with Disabilities Act, assessment, classroom attendance policy, course evaluation, grading, withdrawals, incomplete grades, grade change requests, and student concerns are found on the institutional syllabus on the PPCC Online Campus (D2L) under "Student Resources".

Academic honesty - Course level

Video clips - credits (for academic use only)
Audio clips - credits (for academic use only)
Images OK for class work, but might not be OK for portfolio
You may copy code snippets
Attribution in comments
Include a disclaimer in any Web site (such as final project)

The Learning Commons

The mission of the Learning Commons is to promote student persistence by reinforcing the importance of supplemental support, collaborative inquiry, and independent learning. Library, Technology, and Tutoring Services have merged to allow for increased efficiency and effectiveness in partnering with students to develop lifelong learning strategies. Students can access computers, participate in workshops, or request academic assistance from tutors, faculty, and librarians to meet the academic demands of your courses. There are variety of other services and resources that can improve the overall student experience at PPCC. For more detailed information about services, we invite you to explore the Learning Commons or visit the website: https://www.ppcc.edu/learning-commons. For immediate assistance call: 502-2400 (Library Services) or 502-3444 (Tutoring Services).

Class Schedule
Note: schedule subject to change – *Check with your instructor!*

Week	Date	Subject	Assignment
1	Jan 15	Introduction to course What is After Effects	Contract
	Jan 17	Workspace overview Video process **Globe and File management lab**	Look for AE examples
2	Jan 22	Timeline and Text **Video Meme lab**	**Chap 1 and 2**
	Jan 24	Timeline attributes **Squares and text lab**	**Chap 3**
Jan 29 DROP DEADLINE		
3	Jan 29	Comps, media (PS + AI) video and sound **Video and Sound lab** **Addy Intro proj**	**Chap 6**
	Jan 31	Comps and Media	
4	Feb 5	Masks **Masks lab**	**Chap 7**
	Feb 7	Edge Media **Video and Audio Lab**	
5	Feb 12	Keying and Rotoscoping **Lab**	**Chap 9**
	Feb 14	Keying and Rotoscoping	
6	Feb 19	Lab **Addy Intro project due** **AE basics exam**	
	Feb 21	**Intro Critiques**	
7	Feb 26	Motion Graphics **Lab**	**Chap 4 and 5**
	Feb 28	**Navy Federal Social Media Info video proj**	

8	March 5	Motion Graphics cont Lab	
	March 7	Puppet tool Lab	
9	March 12	**Info video due - critiques**	
	March 14	**3D** **3D lab**	**Chap 12**
10	March 19	Cameras, lights and adv 3D **Music Video proj**	
	March 21	Cinema 4D **Lab**	
March 25 – 31 Spring Break (no Classes)			
11	April 2	**Adv. Audio and editing** **Find your own tutorial and present** **assignment**	
	April 4	Lab Tutorial presentation	
12	April 9	Motion Graphics Template **Lab**	**Chap 11**
	April 11	Lab	
April 12 – Last day to withdraw			
13	April 16	Lab Tutorial presentation	
	April 18	Lab Tutorial presentation	
14	April 23	Lab	
	April 25	Lab	
15	April 30	**Music Video due**	
	May 2	**Critiques**	

Bold Items are activities that contribute to your grade

Peter trusts you, but for After Effects I:

I, _____, have been fully briefed on the requirements of this course. I understand that:

- Grades are both subjective and objective. My grade depends as much on effort and participation as on actual test and assignment scores.

- I must inform my instructor ahead of time of any unavoidable absences, and contact him by cell phone or email through the school email system in the event of emergencies. An excused absence is where I have let my instructor know ahead of time that I would be gone, and he has approved the reason. **Every two unexcused absence may result in a drop in a letter grade**

- I must pay attention during lectures and not surf the Web. Each instance of surfing the Internet rather than being attentive and involved in will result in 2 points off my final grade.

- If I am eligible for and need academic accommodations because of a disability, I must contact the OASIS office (502-3333), schedule an appointment, and provide the form for my instructor to sign in order to obtain an accommodation.

- I must enroll in the College Opportunity Fund to qualify for instate Tuition subsidy. If I don't enroll in the COF, I will pay up to $80 per credit hour more than if I do enroll.

_____ Date _____