

ATLS 2400: Code (ATLS 2519-420)

Fall 2015

MEETING TIMES

Mondays & Wednesdays
1:00 – 2:00 pm
ATLS 1025

INSTRUCTOR

Brittany Ann Kops
brittany.kops@colorado.edu

Office Hours:
Wednesday 3-4
Friday 12-1
ATLAS 234

I am also available by
appointment.

REQUIRED MATERIALS

Portable Storage Device
Examples: USB Jump Drive,
Firewire Hard Drive, iPod, etc.
for saving and backing up your
work.

You are given 1GB of server
space, but you still need to
backup your work. Lost and/or
corrupted work is not an
acceptable excuse for late
work.

REQUIRED TEXTS

Learning Processing: A
Beginner's Guide to
Programming Images,
Animation, and Interaction 2nd
Edition
Daniel Shiffman
978-0-12-364443-6

This book is available in the
CU Bookstore and online. You
must have this book by the
second day of class to avoid
falling behind.

ATLAS HELP HOURS

Starting Fraser
Starting.Fraser@colorado.edu
ATLS 235

COURSE DESCRIPTION

The field of digital media continues to be propelled forward by technological advances, making it essential for artists, designers, and media producers to expand their technical knowledge and skillset in order to fully participate. This course introduces basic programming concepts and methodologies that will be applied to the creation and manipulation of information, images, animation, and sound. Students will gain the knowledge and skills needed to fully participate in digital media production.

My personal goal for you is that you will not only understand how to program, but you will begin to appreciate its relevance in today's digital media landscape.

This course is technical and can be challenging for many students. If you find yourself struggling, please let me know as soon as possible as waiting will only compound the problem.

If you are familiar with programming and are concerned that this class won't be beneficial and/or challenging for you, please see me so that we can ensure that this course is a useful experience.

COURSE CONTENT

In this class I reserve the right to show a broad range of course materials, some of which assume the audience to be adult in age and demeanor. Should you feel offended by something you have seen or heard, I would appreciate you staying to be part of a dialogue as I welcome your perspective. If you feel that you cannot stay, feel free to excuse yourself from the classroom as discreetly as possible.

COURSE WEBSITE

For this class, we will be using Edmodo.com. On this site you will find a course calendar, assignments, resources, and grades. Additionally, this is where you will submit your labs and projects. I will send an invitation to registered students after the first class.

EMAIL

You must use your Colorado.edu email account for this course. Please check your email and the class website regularly. I will notify you of all class cancellations and scheduling changes via the class website and/or email. It is my goal to respond to all emails within 24 hours. If I fail to reply within 24 hours, feel free to resend.

CLASS STRUCTURE

This will be a semi-flipped classroom. Before class, I will assign readings and Khan Academy tutorials. You will be expected to have completed this "prep-material" before the start of class. The prep-material readings will introduce you to the new material and the Khan Academy tutorials will give you practice programming with these new concepts.

In class we will work through various "challenges" that will go a little more in-depth with the material and will solidify your knowledge of the material. You will be assigned a lab that will be a creative or practical application of the new material.

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