

HTI 202 – Digital Image Development (3 credits)

Semester I 2018-2019

Use advanced graphics and animation tools to develop digital images.

Course information

Class meetings	Tuesdays and Thursdays, 11:00 AM – 12:15 PM, Science A224
Final exam time	Tuesday, December 18, 2:45 PM – 4:45 PM, Science A224
Instructor	Tomi Heimonen, PhD
Office location	B235, Science Building
Email	themone@uwsp.edu
Telephone	(715) 346-2356
Communication	You are encouraged to contact me (email preferred) regarding the course if you have any questions. When communicating via email, please preface the subject line of your email with "HTI 202".
Office hours	Mondays and Wednesdays, 12:00 PM – 3:00 PM I have an open door policy – feel free to check in when I'm in my office.
Class website	http://www.uwsp.edu/d2l Desire2Learn (D2L) will be used to distribute course materials, assignments and grades. Check it regularly to stay informed of changes to class schedules and other important announcements.
Prerequisites	HTI 200 – Introduction to Computer Graphics
Textbooks	The following required text is available through Text Rental. Stern, K Photo 1: An Introduction to the Art of Photography, 1st Edition. Cengage: 2012. ISBN: 978-1111036416

Important: This syllabus, along with course assignments and due dates, are subject to change. It is the student's responsibility to check D2L for corrections or updates to the syllabus. Any changes will be clearly noted in class via course announcement and/or through email.

Course description

The goal of this course is to use various graphics and animation technologies to create digital images suitable for use on Web and mobile applications. After successfully completing this course you will:

- be able to identify and critically assess digital image formats, content and development tools based on project form and needs.
- be able to generate image content using existing raster and vector graphic assets.
- know how to deploy image content in Web and mobile projects.
- be able to optimize image content for different platforms.

Course learning outcomes

This is an Art designated course in the General Education Program (GEP). The credits you receive in this course will help satisfy Stevens Point's GEP requirements.

UW-Stevens Point GEP Art Learning Outcomes:

1. Describe, analyze and evaluate creative works utilizing knowledge of relevant aesthetic criteria or stylistic

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Do at least ONE of the following

2. Identify and explain the relationship between particular traditions or genres of creative expression and their social, historical or cultural contexts.
3. Demonstrate an understanding of creative expression by producing or performing a creative work.

Course objectives

Upon completing this course, you will have:

- Analyzed the suitability of digital image and animation content for a specific project (Art learning outcome #1).
- Applied appropriate development methods for and types of digital image content in Web and mobile application projects.
- Produced creative work in the form of digital images and animation using various techniques (Art learning outcome #3).
- Presented creative image content and critiqued content presented by your peers (Art learning outcome #1).

Course requirements

Completing coursework awards a maximum total of 100 points. Specific coursework requirements and due dates will be announced in class and D2L, along with further instructions. It is your responsibility to check D2L for assignments and material distributed in class.

Graded activities

- **Assignments: 40 points.** Each assignment awards 10 points towards the grade.
 - Assignments are designed to help you familiarize with and practice the concepts, methods and techniques introduced in class materials.
 - Unless teamwork is specifically permitted in coursework instructions, you are required to complete the assignments yourself without outside assistance.
 - Some assignments will be due at the end of the class period and cannot be completed after the class is over without prior permission of the instructor.
- **Course project: 40 points.** The course project consists of several steps valued separately.
 - The course project supports you in demonstrating your competence in applying the knowledge and skills gained during class.
 - You will independently learn how to use a digital image animation creation tool and demonstrate its use to class.
- **Exams: 20 points.** Exams (10 points each) will be scheduled periodically.
 - Exams are designed to assess your understanding of the course materials.
 - Exams will cover the assigned textbook readings/content introduced in course materials and topics discussed in class.

Viewing grades in D2L

Points you receive for graded activities will be posted to the D2L e Book. Online grades are updated once a grading session has been completed – typically within 5 work days following the completion of an activity. You will see a visual indication of new grades in D2L.

Software requirements and file storage

There are no specific software requirements on this course. The software used during this course will be either freely available online, available in the UWSP Software Center or installed in labs.

Storage media (e.g., flash drive or external hard drive) or cloud storage (e.g., One Drive) will be useful to store and transport the files created during this course.

Grading scale

The final grades will be determined as a percentage of points earned out of 100 points according to the following scale:

Grades	Percentage	Grades	Percentage	Grades	Percentage
A	94.00% – 100.00%	B-	83.99% – 81.00%	D+	70.99% – 68.00%
A-	93.99% – 91.00%	C+	80.99% – 78.00%	D	67.99% – 64.00%
B+	90.99% – 88.00%	C	77.99% – 74.00%	F	< 64%
B	87.99% – 84.00%	C-	73.99% – 71.00%		

The instructor reserves the right to revise the grade cutoffs to be more generous if necessary based on overall class performance.

Late policy

Coursework (assignments, project, exams and quizzes) must be submitted by the given deadline or an extension must be requested from the instructor **before the due date**. If you know ahead of time that you will have a legitimate reason for missing a due date, contact the instructor to discuss an extension.

Coursework that is turned in late will receive a 20% reduction in points awarded. Submissions that are more than 3 days late will receive 0 points.

The instructor reserves the right to adjust this policy to account for extraordinary situations, such as documented illness or medical emergencies. You are required to inform the instructor as soon as possible of such situations but **at most within five work days of the due date** in question.

Attendance

Attending class will likely be the single most important factor in determining your performance and grade in the course, so plan to attend every class. The relationship between attendance and achievement in education has been extensively documented in peer-reviewed research. **I am not able to re-teach the material to you in the event that you are absent, but you can ask a classmate to share notes.**

- **Excused absences:** If you need to miss a class, notify the instructor via email no later than by the morning of the class meeting in question.
 - The following constitute legitimate reasons to be absent from class: religious observance, military service obligations, pregnancy, illness and medical appointments.
 - Documentation is **not required** for absences for the above reasons unless you will end up missing more than two consecutive class meetings.
- Making up missed in-class work, such as exams and assignments, is allowed **only for excused absences**. Coursework needs to be completed within 7 days of the original due date.
- In case of extenuating circumstances, such as personal or medical emergencies, you should contact the instructor as soon as possible discuss arrangements for making up missed coursework.
- If you have any questions or concerns regarding the attendance policy, your first point of contact should be the instructor. If you are unable to reach the instructor, or if you are experiencing a personal or medical crisis/emergency, you should contact the Office of the Dean of Students at dos@uwsp.edu or (715) 346-2611.

Absences due to military service

You will not be penalized for class absence due to unavoidable or legitimate required military obligations, or medical appointments at a VA facility, not to exceed two (2) weeks unless special

permission is granted by the instructor. You are responsible for notifying faculty members of such circumstances as far in advance as possible and for providing documentation to the Office of the Dean of Students to verify the reason for the absence. The faculty member is responsible to provide reasonable accommodations or opportunities to make up exams or other course assignments that have an impact on the course grade. For absences due to being deployed for active duty, please refer to the [Military Call-Up Instructions for Students](#).

Other policies

Submitting coursework

All coursework must be submitted **electronically through D2L**, unless otherwise instructed. When working in groups, for grading purposes each group member must submit the coursework to D2L, unless otherwise instructed.

Teamwork

Some of the coursework activities will be completed in teams of 2-3 students. Each member of the group is responsible for completing the assigned work to the best of their ability.

For each coursework activity carried out as a group, the groups are required to submit a work plan with the instructor. The work plan details the responsibilities of each group member in completing the coursework. The work plan may be used as the basis for grading and conflict resolution.

Nondiscrimination

You may be asked to review and provide feedback on the work created by your peers. When doing so, please remember that the objective is to critique the work, not the person.

It is the policy of the University of Wisconsin-Stevens Point to:

- Foster an environment of respect for the dignity and worth of all students, employees, and guests of the university; Provide an environment which is conducive to the free and open exchange of ideas; and Strive to eliminate bias, prejudice, discrimination, and harassment in all forms and manifestations.
- Discrimination based on an individual's age, race, color, religion, sex, gender identity or expression, national origin, ancestry, marital status, pregnancy, parental status, sexual orientation, disability, political affiliation, arrest or conviction record, membership in the National Guard, state defense force or any other reserve component of the military forces of the United States or this state, or other protected class status is demeaning to all students, employees, and guests; impairs the process of education; and violates individual rights.

Dropping/withdrawing from the course

It is the student's responsibility to understand when they need to consider un-enrolling from a course. Refer to the [UWSP Academic Calendar](#) for dates and deadlines for registration. After this period, a serious and compelling reason is required to drop from the course. Serious and compelling reasons include, but are not limited to, the following: documented and severe physical/mental illness/injury to the student or student's family. Please consult the instructor at the earliest opportunity to discuss the need to drop the course after the mandated deadline.

Incomplete policy

Under emergency/special circumstances, students may petition for an incomplete grade. An incomplete will only be assigned if inability to complete the coursework was due to a documented illness/injury or other circumstance beyond the student's control. All incomplete course assignments must be completed by the end of Semester II 2018-2019.

Technology use in class

Cell phones and other mobile devices may not be used in class for activities other than those related to the class, such as trying out demonstrations or completing coursework that requires the use of a mobile device.

If you wish to record (audio or video) the class meetings, please inform the instructor first.

Accommodations

UWSP is committed to providing reasonable and appropriate accommodations to students with disabilities and temporary impairments. If you have a disability or acquire a condition during the semester where you need assistance, please contact the Disability and Assistive Technology Center on the 6th floor of Albertson Hall (library) as soon as possible. DATC can be reached at (715) 346-3365 or DATC@uwsp.edu.

Student academic disciplinary procedures

UWSP 14.01 Statement of principles

The board of regents, administrators, faculty, academic staff and students of the university of Wisconsin system believe that academic honesty and integrity are fundamental to the mission of higher education and of the university of Wisconsin system. The university has a responsibility to promote academic honesty and integrity and to develop procedures to deal effectively with instances of academic dishonesty. Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect of others' academic endeavors. Students who violate these standards must be confronted and must accept the consequences of their actions.

UWSP 14.03 Academic misconduct subject to disciplinary action

- (1) Academic misconduct is an act in which a student:
 - a. Seeks to claim credit for the work or efforts of another without authorization or citation;
 - b. Uses unauthorized materials or fabricated data in any academic exercise;
 - c. Forges or falsifies academic documents or records;
 - d. Intentionally impedes or damages the academic work of others;
 - e. Engages in conduct aimed at making false representation of a student's academic performance; or
 - f. Assists other students in any of these acts.
- (2) Examples of academic misconduct include, but are not limited to:
 - a. cheating on an examination;
 - b. collaborating with others in work to be presented, contrary to the stated rules of the course;
 - c. submitting a paper or assignment as one's own work when a part or all of the paper or assignment is the work of another;
 - d. submitting a paper or assignment that contains ideas or research of others without appropriately identifying the sources of those ideas;
 - e. stealing examinations or course materials;
 - f. submitting, if contrary to the rules of a course, work previously presented in another course;
 - g. tampering with the laboratory experiment or computer program of another student;
 - h. knowingly and intentionally assisting another student in any of the above, including assistance in an arrangement whereby any work, classroom performance, examination or other activity is submitted or performed by a person other than the student under whose name the work is submitted or performed.

Specific allowances for using content created by others are explained in the coursework instructions. Standard citation and acknowledgment practices apply when using third party content, such as text, images, video, and program code. If in doubt, consult the instructor in advance.

Please note that originality checking by Turnitin.com is integrated in D2L and it may be used to review any writing assignment(s) you submit.

Emergency preparedness

In the event of a medical emergency call 9-1-1. Offer assistance if trained and willing to do so. Guide emergency responders to victim.

In the event of a tornado warning, proceed to the lowest level interior room without window exposure in the basement of the Science building. See <http://www.uwsp.edu/rmgt/Pages/em/procedures/other/floor-plans.aspx> for floor plans showing severe weather shelters on campus. Avoid wide-span structures (gyms, pools or large classrooms).

In the event of a fire alarm, evacuate the building in a calm manner. Meet at the entrance of the Health Enhancement Center across the street from the Science building. Notify instructor or emergency command personnel of any missing individuals.

Active Shooter/Code React – Run/Escape, Hide, Fight. If trapped hide, lock doors, turn off lights, spread out and remain quiet. Call 9-1-1 when it is safe to do so. Follow instructions of emergency responders. See Emergency Procedures at <http://www.uwsp.edu/rmgt/Pages/em/procedures> for details on all emergency response at UWSP.

Tentative course schedule

Important Note: This schedule is subject to change. Refer to the D2L course calendar and dropbox details for specific due dates for coursework. If you have any questions, please contact the instructor.

<i>Week</i>	<i>Topics</i>	<i>Coursework due</i>
01	Syllabus review Review: types of digital image content; key development tools	
02	Overview of digital image content for the Web Course project introduction	
03	Managing Web image assets	👤 Project: Learning diary 1
04	Vector graphics in Web projects	📄 Assignment #1: Image assets
05	Optimizing Web image content	👤 Project: Check-in 1
06	Responsive images for the Web	📄 Assignment #2: Optimizing images
07	Creating animated Web image content	
08	Creating Web image content programmatically	👤 Project: Learning diary 2
09	Overview of digital image content in mobile projects	✍ Exams/quizzes: Midterm (D2L)
10	Image assets for mobile app projects	👤 Project: Check-in #2
11	Managing image in mobile app projects	📄 Assignment #3: Image assets in mobile apps
12	Animating graphics in mobile apps Thanksgiving	👤 Project: Learning diary 3
13	Using images to improve mobile app UX	📄 Assignment #4: Image UX design in mobile apps
14	Project presentations	👤 Project: Final presentation
15	Project presentations	
16	Final exam period	✍ Exams/quizzes: Final exam