NEWM N100
Foundations of New Media

Department of Human-Centered Computing
Indiana University School of Informatics and Computing, IUPUI
Fall 2019

Section:	Online
Class Lectures Available:	Monday and Wednesday mornings at 9:00am. Lectures will remain available throughout the fall 2019 semester.
Instructor:	Prof. Joseph Defazio, Ph.D.
Office Address:	IT 465
Office Phone:	(317) 278-4148
Office Hours:	By appointment
Email Address:	Use Canvas Email

Course Description:
This course presents an introduction to the history, theory, and practice of new media with a focus on technological, communicative, and cultural contexts. Characteristics of digital media including interactivity, hypermedia, immersion, and storytelling are explored in depth. There are readings, demonstrations, discussion topics, examples, creative hands-on projects, and a written assignment.

Software required:
- Adobe Acrobat Reader
- Microsoft MS Word and PowerPoint
- Graphic editor (e.g., Adobe Photoshop, etc.)

Required Textbook:
None.

Recommended Reading:

1. New Media: An Introduction. Terry Flew. Oxford Higher Education
2. *Convergence Culture*. Henry Jenkins. New York University Press.
3. *Multimedia from Wagner to Virtual Reality*. Randall Packer and Ken Jordan. Norton.
4. *The New Media Handbook*. Andrew Dewdney and Peter Ride. Routledge.

These books can be purchased at the IUPUI bookstore or ordered through the following Barnes and Noble @ IUPUI link: iupui.bncollege.com

N100 – Foundations of New Media

Teaching and Learning Methods

Course Learning Outcomes and Their Alignment with Program-level Learning Outcomes

Profiles of Learning for Undergraduate Success (PLU'S)

P1. Communicator	P2. Problem Solver	P3. Innovator	P4. Community Contributor
1. Evaluates Information 2. Listens Actively 3. Builds Relationships 4. Convey Ideas Effectively	1. Thinks Critically 2. Collaborates 3. Analyzes, Synthesizes, and Evaluates 4. Perseveres	1. Investigates 2. Creates/Designs 3. Confronts Challenges 4. Makes Decisions	1. Builds Community 2. Respectfully Engages Own and Other Cultures 3. Behaves Ethically 4. Anticipates Consequences

Program Learning Outcomes (PLOs)

1. Understand digital media and its effective use as a form of communication.
2. Communicate ideas effectively in written and oral form for a range of audiences.
3. Work effectively as a member of a team to achieve a common goal.
4. Analyze a problem, identify and evaluate alternatives and plan an appropriate solution.
5. Demonstrate knowledge in the history, theory and traditions of digital media.
6. Evaluate media from multiple perspectives using theories, concepts and language of digital media.
7. Demonstrate mastery of digital media concepts, techniques and tools in one or more digital media specialties.
8. Apply knowledge and skills to develop professional quality digital media productions in a timely manner utilizing best practices and standards.
9. Explain the impact of digital media on individuals, organizations, and society.
10. Acknowledge diverse opinions regarding professional, ethical, legal and social issues with a global perspective.
11. Appreciate the need for life-long learning and have a plan for continuing professional development.

Course Objectives:
1. Demonstrate their knowledge of new media concepts through multimedia exercises, quizzes, exams and written assignments.
2. Students will explore the history and theory of digital media in order to bring that knowledge to bear on future new media projects.
3. Students will broaden their understanding of new media as a discipline through lectures, course readings, and guest lectures.

Course Learning Outcomes (CLOs):

Upon completion of this course, students will

C1. Analyze analog and digital media and technologies.

C2. Evaluate the design of digital media in terms of concepts and theories including cognitive load, diffusion of information, information theory, media convergence, hypermedia, and interactivity.

C3. Apply principles of aesthetics and design in the development of digital media.

C4. Create digital illustrations using software applications.

C5. Demonstrate knowledge of writing, digital storytelling, game development, 2D/3D animation, and web development.

C7. Demonstrate knowledge of copyright and intellectual property.

Program-level and course learning outcomes map:

Program-level Learning Outcomes	Level of Knowledge*	Course Learning Outcomes	Profiles of Learning for Undergraduate Success	Assessment
B1. Demonstrate analytical, evaluative and critical thinking skills.	R E	C1, C5	P1.2. Evaluates Information, thinks critically, analyzes and conveys ideas	Assignment 1
B2. Investigate and describe differences between analog and digital media technologies.	R E	C1, C5	P1.2. Evaluates Information, thinks critically, analyzes and conveys ideas	Assignment 1, Quizzes and Exams
B3. Interpret visual artifacts to convey ideas effectively.	I	C3, C4, C7	P3.2. Innovator: Creates/designs	Assignments 2 and 4
D1. Analyze and synthesize storyboarding concepts using digital animation.	M	C3, C4	P2.1. Problem Solver: Think critically	Assignment 3
D2. Build community using communication among peers in programmed topic discussions.	I	C5	P1.4. Communicator: Conveys ideas effectively	Topic Discussions 1 through 11

Interactive Top-Hat Exercises 1 through 14 |
| D3. Synthesize and demonstrate skillsets and new knowledge from course lectures. | M | C1 – C7 | P3.2. Innovator: Creates/designs | Assignment #5- Signature Assignment |

*Indicators of level of knowledge: E – Enhance, I – Introduce; R – Reinforce; M – Master

Teaching Assistants:
Your Professor is assisted by a teaching assistant in the administration of this course. Your Professor should be the first point of contact. Feel free to email your TA if you have questions about your Discussion topic responses. The TA will also assist the Professor in grading your work, but all grade decisions are the sole responsibility of the Professor. If you have a dispute about the grade on an assignment, contact the Professor directly. The TA does not have the authority to change or modify grades.

Course Organization:
Readings: This course contains a significant amount of reading. You should read all the assigned readings prior to attending the lectures. While the lectures cover many of the readings in depth, it does not cover all content in the readings. You are responsible for the content in the assigned readings. Your knowledge of the readings will be tested in both quizzes and exams, so it is critical that you do not fall behind in the readings.

Assignments: There are a variety of assignments for this course. Please check the syllabus or weekly schedule carefully and make note of the due dates. All assignments are due on the recorded time (see the Syllabus or Weekly Schedule or Handouts or the Canvas Calendar. Assignments turned in after the deadline will not be accepted and will not be graded. There are no exceptions.

Two Exams: There are two exams in this course. There are no make-ups available for the exams. If you miss the exam on the day and time it is offered, you will lose these points.

Each exam focuses on a particular part of the course. Midterm Exam #1 focuses on Lecture content from August to Mid-October. Final Exam #2 will cover Lecture content from Mid-October to December. The exams will be online (open book and open notes). The two exams together total 200 points.

Quizzes: There are four quizzes that will be given throughout the semester. There are no make-ups available for the quizzes. If you miss the quiz on the day and time it is scheduled, you will lose these points. The quizzes are all multiple-choice questions. Check the syllabus to find out which weeks have quizzes. Each quiz is worth 50 points. The quizzes will cover topics raised in lecture, readings, and guest lectures. If you miss the quizzes on the day and time it is offered, you will lose these points.

Eleven Discussion Postings: During the first part of this course, you will become part of a group (team). During specific class meetings (see the Weekly Schedule); you will meet with your team to discuss the content that will be posted to your Topic in Canvas. There are 11 required topic postings for this class; each is worth 10 points for a total of 110 points.

Discussion Assignments are assigned on Monday. They are always due on Friday (same week) at (11:59pm). If you miss this deadline you will lose the points. Late uploads or deliverables are not graded.

A weekly schedule is provided for all students. The Weekly Schedule lists lecture topics, reading assignments, assignment due dates, and dates for quizzes and exams.

The Weekly Schedule is in the Files Section in Canvas.

Assignment 1	Technology Comparison Paper	100 points
Assignment 2	Illustration – Graphics	100 points
Assignment 3	Storyboard Assignment	100 points
Assignment 4	My Career – My Future	90 points
Assignment 5	Signature Assignment	100 points
Topic Postings	[11 postings x 10 points each]	110 points
Quizzes	[4 quizzes x 50 points each]	200 points
Exams	[Mid Term and Final Exam 100 points ea.]	200 points

Grading Information: Grade Breakdown (1000 points total)

Assignment 1	Technology Comparison Paper	100 points
Assignment 2	Illustration – Graphics	100 points
Assignment 3	Storyboard Assignment	100 points
Assignment 4	My Career – My Future	90 points
Assignment 5	Signature Assignment	100 points
Topic Postings	[11 postings x 10 points each]	110 points
Quizzes	[4 quizzes x 50 points each]	200 points
Exams	[Mid Term and Final Exam 100 points ea.]	200 points

Grade Scale

A =	930 – 1000	Excellent and thorough knowledge of the subject matter
B =	830 - 929	Satisfactory quality of work
C =	730 - 829	Minimal work, does not demonstrate mastery
D =	630 – 729	Unacceptable work
F =	0 - 629	Fail

CODE OF CONDUCT
All students should aspire to the highest standards of academic integrity. Using another student's work on an assignment, cheating on a test, not quoting or citing references correctly, or any other form of dishonesty or plagiarism shall result in a grade of zero on the item and possibly an F in the course. Incidences of academic misconduct shall be referred to the Department Chair and repeated violations shall result in dismissal from the program.

All students are responsible for reading, understanding, and applying the *Code of Student Rights, Responsibilities and Conduct* and in particular the section on academic misconduct. Refer to *The Code > Responsibilities > Academic Misconduct* at http://www.indiana.edu/~code/. All students must also successfully complete the Indiana University Department of Education "How to Recognize Plagiarism" Tutorial and Test. https://www.indiana.edu/~istd You must document the difference between your writing and that of others. Use quotation marks in addition to a citation,

page number, and reference whenever writing someone else's words (e.g., following the *Publication Manual of the American Psychological Association*). To detect plagiarism instructors apply a range of methods, including Turnitin.com. http://www.ulib.iupui.edu/libinfo/turnitin

Academic Misconduct:

1. **Cheating:** Cheating is considered to be an attempt to use or provide unauthorized assistance, materials, information, or study aids in any form and in any academic exercise or environment.

   a. A student must not use external assistance on any "in-class" or "take-home" examination, unless the instructor specifically has authorized external assistance. This prohibition includes, but is not limited to, the use of tutors, books, notes, calculators, computers, and wireless communication devices.

   b. A student must not use another person as a substitute in the taking of an examination or quiz, nor allow other persons to conduct research or to prepare work, without advanced authorization from the instructor to whom the work is being submitted.

   c. A student must not use materials from a commercial term paper company, files of papers prepared by other persons, or submit documents found on the Internet.

   d. A student must not collaborate with other persons on an assignment or project and submit a copy of a written report that is represented explicitly or implicitly as the student's individual work.

   e. A student must not use any unauthorized assistance in a laboratory, at a computer terminal, or on fieldwork.

   f. A student must not steal examinations or other course materials, including but not limited to, physical copies and photographic or electronic images.

   g. A student must not submit substantial portions of the same academic work for credit or honors more than once without permission of the instructor or program to whom the work is being submitted.

   h. A student must not, without authorization, alter a grade or score in any way, nor alter answers on a returned exam or assignment for credit.

2. **Fabrication:** A student must not falsify or invent any information or data in an academic exercise including, but not limited to, records or reports, laboratory results, and citation to the sources of information.

3. **Plagiarism:** Plagiarism is defined as presenting someone else's work, including the work of other students, as one's own. Any ideas or materials taken from another source for either written or oral use must be fully acknowledged, unless the information is common knowledge. What is considered "common knowledge" may differ from course to course.

   a. A student must not adopt or reproduce ideas, opinions, theories, formulas, graphics, or pictures of another person without acknowledgment.

   b. A student must give credit to the originality of others and acknowledge indebtedness whenever:

      1. directly quoting another person's actual words, whether oral or written;

      2. using another person's ideas, opinions, or theories;

3. paraphrasing the words, ideas, opinions, or theories of others, whether oral or written;

4. borrowing facts, statistics, or illustrative material; or

5. offering materials assembled or collected by others in the form of projects or collections without acknowledgment

4. **Interference:** A student must not steal, change, destroy, or impede another student's work, nor should the student unjustly attempt, through a bribe, a promise of favors or threats, to affect any student's grade or the evaluation of academic performance. Impeding another student's work includes, but is not limited to, the theft, defacement, or mutilation of resources so as to deprive others of the information they contain.

5. **Violation of Course Rules:** A student must not violate course rules established by a department, the course syllabus, verbal or written instructions, or the course materials that are rationally related to the content of the course or to the enhancement of the learning process in the course.

6. **Facilitating Academic Dishonesty:** A student must not intentionally or knowingly help or attempt to help another student to commit an act of academic misconduct, nor allow another student to use his or her work or resources to commit an act of misconduct.

OTHER POLICIES

1. **IUPUI course policies:** Several campus policies governing IUPUI courses may be found at the following link: http://registrar.iupui.edu/course_policies.html

2. **Classroom civility**: To maintain an effective and inclusive learning environment, it is important to be an attentive and respectful participant in lectures, discussions, group work, and other classroom exercises. Thus, unnecessary disruptions should be avoided, such as ringing cell phones engagement in private conversations and other unrelated activities. Cell phones, media players, or any noisy devices should be turned off during a class. Texting, surfing the Internet, and posting to Facebook or Twitter during class are generally not permitted. Laptop use may be permitted if it is used for taking notes or conducting class activities. Students should check with the instructor about permissible devices in class. IUPUI nurtures and promotes "a campus climate that seeks, values, and cultivates diversity in all of its forms and that provides conditions necessary for all campus community members to feel welcomed, supported, included, and valued" (IUPUI Strategic Initiative 9). IUPUI prohibits "discrimination against anyone for reasons of race, color, religion, national origin, sex, sexual orientation, marital status, age, disability, or [veteran] status" (Office of Equal Opportunity). Profanity or derogatory comments about the instructor, fellow students, invited speakers or other classroom visitors, or any members of the campus community shall not be tolerated. A violation of this rule shall result in a warning and, if the offense continues, possible disciplinary action.

3. **Right to revise:** The instructor reserves the right to make changes to this syllabus as necessary and, in such an event, will notify students of the changes immediately.

4. **Bringing children to class:** To ensure an effective learning environment, children are not permitted to attend class with their parents, guardians, or childcare providers.

5. **Disabilities Policy:** In compliance with the Americans with Disabilities Act (ADA), all qualified

students enrolled in this course are entitled to reasonable accommodations. Please notify the instructor during the first week of class of accommodations needed for the course. Students requiring accommodations because of a disability must register with Adaptive Educational Services (AES) and complete the appropriate AES-issued before receiving accommodations. The AES office is located at UC 100, Taylor Hall (Email: aes@iupui.edu, Tel. 317 274-3241). Visit http://aes.iupui.edu for more information.

6. **Administrative Withdrawal:** A basic requirement of this course is that students participate in all class discussions and conscientiously complete all required course activities and/or assignments. If a student is unable to attend, participate in, or complete an assignment on time, it is the student's responsibility to inform the instructor. If a student misses more than half of the required activities within the first 25% of the course without contacting the instructor, the student may be administratively withdrawn from this course. Administrative withdrawal may have academic, financial, and financial aid implications. Administrative withdrawal will take place after the full refund period, and a student who has been administratively withdrawn from a course is ineligible for a tuition refund. Contact the instructor with questions concerning administrative withdrawal.

7. **Emergency Preparedness:** Safety on campus is everyone's responsibility. Know what to do in an emergency so that you can protect yourself and others. For specific information, visit the emergency management website. http://protect.iu.edu/emergency

MISSION STATEMENT

The Mission of IUPUI is to provide for its constituents' excellence in
- Teaching and Learning;
- Research, Scholarship, and Creative Activity; and
- Civic Engagement.

With each of these core activities characterized by
- Collaboration within and across disciplines and with the community;
- A commitment to ensuring diversity; and
- Pursuit of best practices.

IUPUI's mission is derived from and aligned with the principal components—Communities of Learning, Responsibilities of Excellence, Accountability and Best Practices—of Indiana University's Strategic Directions Charter.

STATEMENT OF VALUES

IUPUI values the commitment of students to learning; of faculty to the highest standards of teaching, scholarship, and service; and of staff to the highest standards of service. IUPUI recognizes students as partners in learning. IUPUI values the opportunities afforded by its location in Indiana's capital city and is committed to serving the needs of its community. Thus, IUPUI students, faculty, and staff are involved in the community, both to provide educational programs and patient care and to apply learning to community needs through service. As a leader in fostering collaborative relationships, IUPUI values collegiality, cooperation, creativity, innovation, and entrepreneurship as well as honesty, integrity, and support for open inquiry and

dissemination of findings. IUPUI is committed to the personal and professional development of its students, faculty, and staff and to continuous improvement of its programs and services.

Important Supplement for IUPUI Syllabi

IUPUI Policy on Disability Accommodations Students needing accommodations because of disability will need to register with Adaptive Educational Services and complete the appropriate forms issued by AES before accommodations will be given. The AES office is located in Taylor Hall, UC 100. You can also reach the office by calling 274-3241.

IUPUI Policy on Religious Holidays IUPUI respects the right of all students to observe their religious holidays and will make reasonable accommodation, upon request, for such observances. Students seeking accommodation for religious observances must submit a request in writing to the course instructor by the end of the second week of the semester and should use the Request for Course Accommodation Due to Religious Observance Form. More information on the IUPUI Policy on Religious Holidays is available here: http://registrar.iupui.edu/religious.html.

 IUPUI Policy on Academic Integrity: The IU Code of Student Rights, Responsibilities, and Conduct states that students must uphold and maintain academic and professional honesty and integrity; the code defines academic misconduct as any activity that tends to undermine the academic integrity of the institution. Students engaging in academic misconduct may therefore receive penalties from their course instructor and disciplinary action from the university. Policies against academic misconduct apply to all course-, department-, school-, and university-related activities. Academic misconduct may involve human, hard-copy, or electronic resources and includes but is not limited to the following: cheating, fabrication, plagiarism, interference, violation of course rules, and facilitating academic dishonesty. For definitions of these activities, visit http://studentcode.iu.edu/responsibilities/academicmisconduct.html. For information on how faculty and students are expected to handle cases involving academic misconduct, visit http://registrar.iupui.edu/misconduct.html. Additional information about the rights and responsibilities of IU students is available at http://studentcode.iu.edu/.

IUPUI Policy on Sexual Misconduct As your instructor, one of my responsibilities is to help create a safe learning environment on our campus. Title IX and our own Sexual Misconduct policy prohibit sexual misconduct. If you have experienced sexual misconduct, or know someone who has, the University can help.

If you are seeking help and would like to speak to someone confidentially, please visit http://stopsexualviolence.iu.edu/help/index.html (Links to an external site.) for contact information.

It is also important that you know that federal regulations and University policy require me to promptly convey any information about potential sexual misconduct known to me to our campus' Deputy Title IX Coordinator or IU's Title IX Coordinator. In that event, they will work with a

small number of others on campus to ensure that appropriate measures are taken and resources are made available to the student who may have been harmed.

Protecting a student's privacy is of utmost concern, and all involved will only share information with those that need to know to ensure the University can respond and assist.

The IUPUI syllabus supplement was created by the IUPUI Office of Academic Affairs and the Center for Teaching and Learning. 8.04.2016

 I encourage you to visit stopsexualviolence.iu.edu (Links to an external site.) to learn more about available resources on campus and in the community.

Education and Title VI Title VI of the Civil Rights Act of 1964 protects people from discrimination based on race, color or national origin in programs or activities that receive Federal financial assistance.

Programs and activities that receive ED funds must operate in a non-discriminatory manner. These may include, but are not limited to: admissions, recruitment, financial aid, academic programs, student treatment and services, counseling and guidance, discipline, classroom assignment, grading, vocational education, recreation, physical education, athletics, housing and employment, if it affects those who are intended to benefit from the Federal funds.

http://www2.ed.gov/about/offices/list/ocr/docs/hq43e4.html