

# DIGITAL TOOLS FOR THE ARTS AND HUMANITIES

COURSE NUMBER: DIG 4171C	CREDIT HOURS: 3
SEMESTER/YEAR: FALL 2018	CLASS LOCATION: NRG 0120
	CLASS MEETING TIME(S): M 4 <sup>TH</sup> PERIOD-W 4 <sup>TH</sup> -5 <sup>TH</sup> PERIODS
<b>INSTRUCTOR:</b> Eleni Bozia	<b>OFFICE LOCATION/HOURS: DAUER HALL 134/ MONDAY 5<sup>TH</sup>-6<sup>TH</sup> OR BY APPOINTMENT</b>
	<b>CONTACT EMAIL: BOZIA@UFL.EDU</b>
<b>CONTACT PHONE: (352) 273-3694</b>	<b>COURSE WEBSITE: PLAZA.UFL.EDU/BOZIA</b>

## COURSE DESCRIPTION

This course focuses on the study of digital humanities applications, projects, and tools and the way they enhance traditional research in the Arts, the Humanities, and other disciplines through collaborative research. The course first examines and expands on current theoretical discussions on traditional Humanities and Arts and then explores their intersections with computer engineering and human-centric computing. Then the course exposes the students to the two major types of Digital Humanities areas, namely texts and objects.

During the first two weeks, we discuss and define Humanities, Digital Humanities, and Human-centric computing. Having established a background, we then proceed to explore text-, and image-based tools and projects. More specifically, we work with visualization tools, Treebank annotation, using the Arethusa framework, 3D digitization, stylo, xml, html, and open software development APIs, such as Google maps. The presentation and use of the above tools takes place against the backdrop of artistic and humanistic needs, all the while showcasing the wide applicability of collaborative research. Finally, an interdisciplinary group project engages the students in collaborative research and offer hands-on experience with contemporary digital tools.

## PREREQUISITE KNOWLEDGE AND SKILLS

There are NO prerequisites for this course.

## PURPOSE OF COURSE

The purpose of the course is to expose students of different fields to the interdisciplinary research by introducing the importance of digital tools for enhanced study and research in the Humanities and the Arts, as well as the significance of understanding Digital Humanities concepts and how they affect the design of games and computational tools. The course will implement collaboration between digital scientists, artists, and humanists

## COURSE GOALS AND/OR OBJECTIVES:

1. Understand the term digital and computational in many contexts.

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2. Understand how interdisciplinary projects are designed and how they work.
3. Work on the enhancement of Arts and Humanities via computational and digital tools.
4. Find and apply concepts of Humanities on digital media and computer applications.
5. Produce a collaborative, interdisciplinary project that will bring together students from the digital sciences, the Arts, and the Humanities.

### **COURSE SCHEDULE:**

DAILY PREPARATION OF THE ASSIGNED MATERIAL IS REQUIRED AND NECESSARY. THIS WILL ALSO HELP YOU SUCCEED IN YOUR PROJECTS.

#### WEEKLY PROJECTS

FINAL PRESENTATIONS (DECEMBER 3<sup>RD</sup> AND 5<sup>TH</sup>)

FINAL PROJECT SUBMISSION (DECEMBER 7<sup>TH</sup>)

Week	Topic	Assignments/Quizzes
1	Introduction to the Humanities	Project 1
2	Human-centric computing and Humanities Computing	Project 2
3	Introduction and Definitions of Digital Humanities	Project 3
4	Textual analysis, author attribution, pattern analysis	Project 4
5	Text Visualization	Project 5
6	Stylometric analysis	Project 6
7	Term project draft	<b>Final Project Draft</b>
8	Xml	Project 7
9	Xml visualization	Project 8
10	html	Project 9
11	Google API-Interactive maps	Project 10
12	3D scanning and printing	Project 11
13	Guest Lectures	
14	Final Project Submission and presentations	<b>Final Project</b>
15	<b>Final Project presentations</b>	

### **REQUIRED TEXTBOOKS AND SOFTWARE:**

1. J. Drucker et al. 2013. Introduction to Digital Humanities. (available online) (optional)

### **COURSE FEES:**

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Material and supply fees are assessed for certain courses to offset the cost of materials or supply items consumed in the course of instruction. A list of approved courses and fees is published in the Schedule of Courses each semester. (UF-3.0374 Regulations of the University of Florida)

Material and supply and equipment use fee information is available from the academic departments or from the schedule of courses (Florida Statutes 1009.24). The course fee for this class is \$31.00

### EVALUATION OF GRADES

Assignment	Total Points	Percentage of Grade
<b>Weekly Projects</b>	40	40%
<b>Attendance and Participation</b>	25	25%
<b>Final Project</b>	35	35%

### GRADING SCALE:

Letter Grade	% Equivalency	GPA Equivalency
A	94 – 100%	4.0
A-	90 – 93%	3.67
B+	87 – 89%	3.33
B	84 – 86%	3.00
B-	80 – 83%	2.67
C+	77 – 79%	2.33
C	74 – 76%	2.00
C-	70 – 73%	1.67
D+	67 – 69%	1.33
D	64 – 66%	1.00
D-	60 – 63%	.67
E, I, NG, S- U, WF		0.00

More information on grades and grading policies is here:

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

### COURSE POLICIES:

#### ATTENDANCE / PARTICIPATION

Students are expected to attend class and participate in class discussions and projects and complete peer reviews of projects throughout the semester.

#### MAKE-UP POLICY

**1. There will be no make-up work except in extraordinary and documented cases.**

**2. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.**

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>

### **COURSE TECHNOLOGY**

The students will be required to have access to, and use a personal computer with the access to the Internet. Word editing software will be required for written assignments.

### **COURSE COMMUNICATIONS**

Students can communicate directly with the Instructor regarding the course material through the course management system (CANVAS), via e-mail, or during office hours.

### **VIDEO LECTURE CAPTURE**

High-quality video lecture capture of this course is available only for enrolled students. These video captures are edited and posted within 24-48 hours of the class meeting for the benefit of the Your Own Time [YOT] students and to offer the potential for review by on-campus and Real Time [RT] on-line students. For the on-campus and RT students, watching lectures in lieu of attending and participating in class is NOT acceptable. Your Instructor may provide you with this semester's login information during the first week of class. It is not permissible to share or distribute video login information to anyone other than officially enrolled students of this course. Lecture videos can be found at <https://vimeo.com/digitalworlds>.

## **UF POLICIES:**

### **UNIVERSITY HONESTY POLICY**

UF students are bound by The Honor Pledge that states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (<https://www.dso.ufl.edu/sccr/process/student-conducthonor-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

### **CLASS DEMEANOR**

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Students are expected to arrive to class on time and behave in a manner that is respectful to the instructor and to fellow students. Please, avoid the use of cell phones.

### **STUDENTS REQUIRING ACCOMMODATIONS**

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, [www.dso.ufl.edu/drc/](http://www.dso.ufl.edu/drc/)) by providing appropriate documentation. Once registered, students will receive an accommodation letter, which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

### **NETIQUETTE COMMUNICATION COURTESY**

All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions and chats, more information can be found at: <http://teach.ufl.edu/wp-content/uploads/2012/08/NetiquetteGuideforOnlineCourses.pdf>

### **ONLINE COURSE EVALUATIONS**

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.

## CAMPUS RESOURCES

### HEALTH AND WELLNESS

#### **U Matter, We Care**

If you or a friend is in distress, please contact [umatter@ufl.edu](mailto:umatter@ufl.edu) or 352 392- 1575 so that a team member can reach out to the student.

Counseling and Wellness Center

<http://www.counseling.ufl.edu/cwc/Default.aspx>, 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Assault Recovery Services (SARS)  
Student Health Care Center, 392-1161.

University Police Department, 392-1111 (or 9-1-1 for emergencies). <http://www.police.ufl.edu/>

### ACADEMIC RESOURCES

E-learning technical support, 352-392-4357 (select option 2) or e-mail to [Learning-support@ufl.edu](mailto:Learning-support@ufl.edu). <https://lss.at.ufl.edu/help.shtml>.

Career Resource Center, Reitz Union, 392-1601. Career assistance and counseling.  
<http://www.crc.ufl.edu/>

Library Support, <http://cms.uflib.ufl.edu/ask>. Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center, Broward Hall, 392-2010 or 392-6420. General study skills and tutoring.  
<http://teachingcenter.ufl.edu/>

Writing Studio, 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers.  
<http://writing.ufl.edu/writing-studio/>

Student Complaints Campus:  
[https://www.dso.ufl.edu/documents/UF\\_Complaints\\_policy.pdf](https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf)

On-Line Students Complaints:  
<http://www.distance.ufl.edu/student-complaint-process>

*Disclaimer: This syllabus represents the instructor's current plans and objectives. As we go through the semester, those plans may need to change to enhance the class learning opportunity. Such changes will be communicated clearly during class time.*