HUMANITIES FOR STEM: USING ARCHIVES TO BRIDGE THE TWO CULTURES DIVIDE

Three Approaches to Archives and Pedagogy
1. Computer Science undergraduate students studying topics in Digital Humanities

2. Graduate students in the Humanities learning web development, database design and related technologies

3. Advanced Computer Science undergraduate students’ participating in archival research projects
This elective has been given five times

**Syllabus**

**Student profile:**
- This course is directed to Computer Science undergraduate majors and minors.
- Pre-requisites include programming and web design (CSCI-UA.2 and CSCI-UA.4)

**Students apply web development and programming skills to working with primary source materials to build an online archive.**

**NYU Archives**
[https://www.nyu.edu/library/bobst/research/arch/digcomp.htm](https://www.nyu.edu/library/bobst/research/arch/digcomp.htm)

**Sample sites**
[http://cs.nyu.edu/~deena/docs/DSE_DH_studentPages.html](http://cs.nyu.edu/~deena/docs/DSE_DH_studentPages.html)

**Archivist support:**
- Janet Bunde (NYU Archives)
- Paula Feid (Undergraduate Librarian)
Syllabus

Student profile:
  - This course is directed to graduate students in the Humanities.
  - There are no pre-requisites in web development or other technical fields.

Sample sites
  - [http://cs.nyu.edu/courses/fall13/ENGL-GA.2971-001/HartCrane/HTML/](http://cs.nyu.edu/courses/fall13/ENGL-GA.2971-001/HartCrane/HTML/)
  - [http://cs.nyu.edu/courses/fall11/ENGL-GA.2957-001/](http://cs.nyu.edu/courses/fall11/ENGL-GA.2957-001/)

Co-teacher: Prof. Marion Thain (English)

Archivist support: Marvin Taylor and Fales Staff
Artist Archives – David Wojnarowicz Project
http://nyuhumanities.org/the-artist-archives-project/

Student profile:
- Student researchers in Computer Science are advanced undergraduate majors.
- Students are given appropriate access and permissions on the database and web servers.

Student tasks include writing Python scripts to assist with data migrations; database management tasks and working with the data in the SQL environment; writing shell scripts and implementing system changes; and testing and benchmarking; collaborating in the system development.

Archivist Support: Marvin Taylor (Fales) and Glenn Wharton (Museum Studies)
WITH MANY THANKS TO:

Janet Bunde
Paula Feid
Marvin Taylor
Marion Thain
Glenn Wharton

... for our ongoing collaborations!

Send email to deena.engel@nyu.edu with any questions.