

DH 480

Digital Humanities Studies and Projects

“From Digital Humanism to Quantum Humanism: Arts, Culture, and Philosophy in the Era of High Performance Computing”



**Ever heard of
“supercomputing”?
Curious about what’s
it doing for the
humanities?**



Course Description

DH 480: *Digital Humanities Studies and Projects* (3)

The course guides students in the application of topics, theories and tools to one major area of digital humanities work specified by the instructor. Students participate in a range of intellectual and hands-on activities that involve computation-enhanced research in the humanities and might involve web technologies, computational textual analysis, content management, metadata attribution, interface design, and/or virtual space and 3D modeling (among others).

Available for graduate credit.

Why Take this Course?

Mostly used for simulation in the natural and social sciences, quantum computing (a field that uses quantum theory to solve complex problems faster than classical computers) currently offers both promises and challenges for textual applications. This course considers humanities projects involving supercomputing as a site for evaluating continuities and disruptions with past historical humanistic traditions and for examining philosophical, ideological, and cultural shifts. In this course students will learn basic concepts and terminology in the field of quantum computing, will devise possible applications of quantum computing for research in arts, cultural studies, and literary studies, and will collect findings emerging from their use of supercomputational technologies. The course also proposes a reflection on the notion of “quantum humanism” as a possible research model that integrates traditional, digital, and emerging epistemologies.

Semester: Spring 2025

Course Delivery

- In person – Room ED 1126

Days and Times

- T-R 11:30AM - 12:45PM

Instructor

Dr. Mauro Carassai



Areas of Expertise: Digital Humanities, American Studies, Literary and Cultural Theory

Contact Information

Email: mauro.carassai@csun.edu