

# GRAD 5134

CRN 89194  
Fall 2016

Human-Centered Design Track  
Interdisciplinary Graduate Education Program  
Graduate School, VT

Design matters. The act of creating something new shows up in many human endeavors. It can be a solution to a mundane problem like holding sheets of paper together or something as complex as the formulation of new institutions. Human Centered Design (HCD) is an approach to design charged with understanding the needs, wants, and limitations of end-users and stakeholders. This is accomplished through methodologies and practices where these considerations are integrated at every stage of the design process.



HCD at VT is both a **PhD program** and a graduate **certificate** in a curriculum that combines technical expertise with critical inquiry to develop reflective practitioners equipped to meet vital human needs. **The certificate is open to all VT graduate students.** If you are interested consider taking in Fall 2016:

**GRAD 5134, Interdisciplinary Studies in Human-Centered Design.** This is one of two core classes for the HCD certificate. In this seminar, besides getting to know faculty across the program, we will look at design thinking, research-through-design, participatory design, and some core qualitative research and design methods such as ethnography, ethnomethodology, action research, and grounded theory.

This class is offered this fall and will probably not be offered again for at least 2 years.

Other HCD classes offered in Fall 2016: **CS 5724 Models and Theories of HCI, ART 5714 Creative Code for Art & Design, ISE 5604 The Human Information Processor, ME 5644 Rapid Prototyping, CS 6724 Critical and Cultural Computing**

For more about the program: [www.hcd.icat.vt.edu](http://www.hcd.icat.vt.edu),  
[http://graduateschool.vt.edu/graduate\\_catalog/certificate.htm?certificateID=hcdc\\_id](http://graduateschool.vt.edu/graduate_catalog/certificate.htm?certificateID=hcdc_id) ,  
[http://graduateschool.vt.edu/graduate\\_catalog/program.htm?programID=humanCenteredDesign\\_id](http://graduateschool.vt.edu/graduate_catalog/program.htm?programID=humanCenteredDesign_id)