OUR MISSION
The Academic Technology Services unit within IT supports faculty in designing and delivering effective and innovative teaching practices using digital tools. Our focus is on selecting and integrating tools, collaborating on instructional methodologies, and developing resources to support classroom needs in alignment with pedagogical goals.

WHAT WE SUPPORT, AND HOW FACULTY USE IT

**Moodle: Learning Management**
- Interactive learning using discussion forums
- Promoting collaboration using wikis
- Assessment using quizzes and rubrics
- Grading and feedback

**Google Apps**
- Group projects using Google drive
- Higher-order thinking skills using annotations and comments in Google Docs
- Peer learning using Google Docs or Slides

**Assistive Technology and Accessible Instructional Materials**
- Kurzweil 3000 for text-to-speech
- Designing accessible documents

**Programming and High-Performance Computing**
- Unix servers; big data; machine learning

**Data Collection and Analysis**
- Surveys using Qualtrics and Google Forms
- Databases
- Mathematical and statistical applications

**Mapping and 3D**
- Geographic synthesis and analysis using ArcGIS
- Group “Story Maps” using ArcGIS Online
- Modeling using SketchUp and Mathematica

**Presenting Information**
- Web pages and WordPress
- Powerpoint, Keynote, Google Slides, LaTeX+Beamer
- Screencasting, Flipped Learning & Digital Stories using iPads, Camtasia, Explain Everything, or Screencastomatic
- Adobe Creative Suite for poster design and image editing
- Video & podcast production

**Interactive Response Systems**
- Verifying student learning & stimulating discussion using Clickers
- Gamification using Kahoot

**Virtual Reality**
- Immersive learning experiences
- Simulation of new environments
HOW WE ENGAGE

1292 Faculty & Student Interactions 2017-18

- 55% Consultation
- 11% 1:1 Consultation
- 34% Workshop
- 4% Project
- 51% Q&A

We Provide:
- Individual Consultations
- Project Support
- In-Class Workshops & Support
- Institution-wide Workshops
- Special Interest Groups
- Department-Specific Sessions

UPCOMING EVENTS

Info Sessions on Teaching with Technology

A session for faculty to learn about, or get a refresher on, classroom applications such as Moodle, Google Apps, and other emerging technologies.

We will also share how Amherst faculty are using a variety of digital tools to accomplish their pedagogical objectives.

Three options to choose from:
- Friday, Sept. 7th, 11:00 - 11:45 a.m.
- Weds., Sept. 12th, 10:00 - 10:45 a.m.
- Tuesday, Sept. 18th, 10:00 - 10:45 a.m.

Please visit https://www.amherst.edu/go/ats to RSVP.

FACULTY SNAPSHOT, 2017-18

55% Amherst Faculty engaged with ATS of Amherst courses

78% used Moodle to deliver content

50% used Moodle for participatory activities

1- April 2018 total number of faculty = 291 (223 full-time and 68 part-time)
2- e.g. E-reserves and/or syllabus. Amherst faculty also use alternate platforms to develop and deliver course content.
3- e.g. Discussion forums, wikis, questionnaires, embedding multi-media, or sharing Open Educational Resources.

Last updated August 2018