

# TECHNOLOGY LITERACY

## Checkup and Roadmap for UTEP students

### Entering Freshmen

I can use computers to support learning and communication

- email
- internet search
- word processing
- spreadsheets
- formal presentations

I know roughly how technology works

- operating system: files, folders, processes, media
- internet concepts: uploading, downloading,
- hardware set-up: printers, microphones, drivers
- I can stay out of trouble
- common security issues and how to avoid them
- ethical and legal issues

If there's something you need to learn get to it! You'll want to be an effective learner and a safe and functioning member of the UTEP community as soon as possible. If you need advice or training, please visit the UTEP IT Service Catalog on the web, the Atlas lab in the UGLC, or the Student Technology Support Center in the library.

### Upper Division

I can find, assemble and present reliable, well organized information

- access and navigate academic information resources
- manage complex and contradictory information
- create effective web content

I can deal with common technology problems

- when a system is frozen or broken
- when a system is slow

I can use technology to support teamwork, including distance collaboration

- social networking
- online course systems
- selecting communications software to fit the task

UTEP has no explicit Technology Literacy requirement; it's all about learning by doing. As you work on class projects, seek out opportunities to develop and extend your technology skillset. When you get stuck, talk to your professor or your friends, or consult the resources mentioned earlier.

### Graduating Seniors

I can use the technology expected of a professional in my field. (This is discipline-specific, but may include some of the following.)

- audio/video/multimedia creation and editing
- data collection and analysis
- database management
- engineering and scientific software
- scripting, macros, and programming
- ...

Twenty-first century readers and writers need to:

- Develop proficiency with the tools of technology
- Build relationships with others to pose and solve problems collaboratively and cross-culturally
- Design and share information for global communities to meet a variety of purposes
- Manage, analyze, and synthesize multiple streams of simultaneous information
- Create, critique, analyze and evaluate multimedia texts
- Attend to the ethical responsibilities required by these complex environments

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