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View Summary

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Technology Strategic Planning Survey

Instructors/Faculty

The University Technology Strategic Planning Committee has been charged with developing a plan, implemented over five years, that utilizes technology and modern instructional practices to assist the University and its schools in achieving their stated mission and goals. To develop this plan, the Committee requests your responses to the following survey.

Please assist the Committee by responding to each item on the following survey, which is broken down into ten sections. The Committee thanks you for your time and efforts.

In what school/division(s) do you teach?

- 8** (19%) [Business](#)
- 4** (10%) [Education](#)
- 4** (10%) [Humanities](#)
- 5** (12%) [Science and Math](#)
- 10** (24%) [Social Sciences](#)
- 5** (12%) [Visual and Performing Arts](#)
- 4** (10%) [Nursing and Health Care](#)
- 0** (0%) Law

What is your current employment status with the university?

- 38** (90%) [Full-time](#)
- 3** (7%) [Part-time](#)
- 1** (2%) *no answer*

Teaching and Learning

Do students in your courses regularly use technology to: (check all that apply)

- 16** (38%) [Consult with experts?](#)
- 6** (14%) [Consult with students in other universities?](#)
- 27** (64%) [Produce projects of their own design?](#)
- 7** (17%) [Collaborate with community organizations or businesses on class projects?](#)
- 16** (38%) [Participate in online projects?](#)
- 4** (10%) [Publish their work to the World Wide Web?](#)

- 10** (24%) [Produce work intended for audiences beyond the classroom \(e.g., for students in other universities or the business community\)?](#)
- 7** (17%) [None apply](#)

Which best describes your teaching style when using technology?

- 6** (14%) [I use a lecture style.](#)
- 12** (29%) [I often use lecture but sometimes teach lessons that allow students to use a variety of information resources to build their own understanding of content.](#)
- 3** (7%) [I almost exclusively teach lessons that allow students to use a variety of information resources to build their own understanding of content.](#)
- 17** (40%) [I have a variety of teaching styles and select the style that is most appropriate to the content and to the needs of the student.](#)
- 0** (0%) I choose not to teach with technology.
- 2** (5%) [I do not have access to technology.](#)
- 2** (5%) *no answer*

How much of your course technology use involves students working in collaborative teams?

- 13** (31%) [None/Almost none](#)
- 20** (48%) [Some](#)
- 2** (5%) [Most](#)
- 5** (12%) [All/Almost All](#)
- 0** (0%) Technology is not used in my courses
- 2** (5%) *no answer*

How much of your course technology use involves students completing tasks that bear a close relationship to real-world problems in the home and workplaces of today and tomorrow?

- 6** (14%) [None/Almost none](#)
- 16** (38%) [Some](#)
- 9** (21%) [Most](#)
- 9** (21%) [All/Almost All](#)
- 0** (0%) Technology is not used in my courses
- 2** (5%) *no answer*

How often do students use technology to conduct investigations or produce written or oral presentations for authentic purposes and audiences?

- 5** (12%) [None/Almost none](#)
- 13** (31%) [Some](#)
- 11** (26%) [Most](#)
- 11** (26%) [All/Almost All](#)
- 0** (0%) Technology is not used in my courses
- 2** (5%) *no answer*

Professional Practice and Productivity

How well do your technology skills support your ability to accomplish your professional work (such as

lesson preparation, research, communicating with colleagues, other professionals, participating in professional organizations, etc.)?

- 0** (0%) I do not consider myself a technology user.
- 3** (7%) [I consider myself a beginner in my ability to use technology, so I am more efficient when I don't use technology to support my professional work.](#)
- 20** (48%) [I consider myself about average in my ability to use technology. It is usually a more effective way to get work done.](#)
- 11** (26%) [My skill with technology is very good. Where appropriate, technology helps me be more efficient.](#)
- 7** (17%) [I am expert at the use of technology to support professional work. I often serve as a technology resource to others.](#)
- 0** (0%) Technology is not available for my professional use.
- 1** (2%) *no answer*

Indicate your best estimate of your skill or knowledge level about each of the following technology and teaching related indicators. This is not a test, so please be as accurate and honest as possible.

I am able to describe and implement basic troubleshooting techniques for multimedia computer systems with related peripheral devices.

- 7** (17%) [Not Comfortable](#)
- 13** (31%) [Need Assistance](#)
- 18** (43%) [Adequate Knowledge/Skill](#)
- 3** (7%) [I'm an Expert](#)
- 1** (2%) *no answer*

I am able to demonstrate knowledge of uses of computers and technology in business, industry, and society.

- 5** (12%) [Not Comfortable](#)
- 6** (14%) [Need Assistance](#)
- 27** (64%) [Adequate Knowledge/Skill](#)
- 3** (7%) [I'm an Expert](#)
- 1** (2%) *no answer*

I am able to use imaging devices such as scanners, digital cameras, and/or video cameras with computer systems and software.

- 6** (14%) [Not Comfortable](#)
- 11** (26%) [Need Assistance](#)
- 17** (40%) [Adequate Knowledge/Skill](#)
- 7** (17%) [I'm an Expert](#)
- 1** (2%) *no answer*

I am able to use MS Outlook to compose and send e-mail to individuals and groups within the university.

- 0** (0%) Not Comfortable
- 2** (5%) [Need Assistance](#)
- 30** (71%) [Adequate Knowledge/Skill](#)

8 (19%) [I'm an Expert](#)

2 (5%) *no answer*

I am able to use terminology related to computers and technology appropriately in written and oral communications.

0 (0%) Not Comfortable

9 (21%) [Need Assistance](#)

27 (64%) [Adequate Knowledge/Skill](#)

5 (12%) [I'm an Expert](#)

1 (2%) *no answer*

I am able to operate a multimedia computer system with related peripheral devices to successfully install and use a variety of software packages.

4 (10%) [Not Comfortable](#)

15 (36%) [Need Assistance](#)

19 (45%) [Adequate Knowledge/Skill](#)

3 (7%) [I'm an Expert](#)

1 (2%) *no answer*

I am able to apply productivity tools (software, computers, and digital cameras) for creating multimedia presentations.

5 (12%) [Not Comfortable](#)

17 (40%) [Need Assistance](#)

13 (31%) [Adequate Knowledge/Skill](#)

5 (12%) [I'm an Expert](#)

2 (5%) *no answer*

I am able to use productivity tools (software and computers) for word processing, database management, and spreadsheet applications.

2 (5%) [Not Comfortable](#)

9 (21%) [Need Assistance](#)

23 (55%) [Adequate Knowledge/Skill](#)

6 (14%) [I'm an Expert](#)

2 (5%) *no answer*

I am able to identify computer and related technology resources for facilitating lifelong learning and emerging roles of the learner and the educator.

1 (2%) [Not Comfortable](#)

18 (43%) [Need Assistance](#)

19 (45%) [Adequate Knowledge/Skill](#)

3 (7%) [I'm an Expert](#)

1 (2%) *no answer*

I am able to use computers to support problem solving, data collection, information management, communications, presentations, and decision making.

- 1 (2%) [Not Comfortable](#)
- 11 (26%) [Need Assistance](#)
- 24 (57%) [Adequate Knowledge/Skill](#)
- 5 (12%) [I'm an Expert](#)
- 1 (2%) *no answer*

I am able to use computer-based technologies including telecommunications to access information and enhance personal and professional productivity.

- 1 (2%) [Not Comfortable](#)
- 12 (29%) [Need Assistance](#)
- 22 (52%) [Adequate Knowledge/Skill](#)
- 6 (14%) [I'm an Expert](#)
- 1 (2%) *no answer*

I am able to demonstrate knowledge of equity, ethics, legal, and human issues concerning use of computers and technology.

- 2 (5%) [Not Comfortable](#)
- 11 (26%) [Need Assistance](#)
- 25 (60%) [Adequate Knowledge/Skill](#)
- 3 (7%) [I'm an Expert](#)
- 1 (2%) *no answer*

I am able to design, deliver, and assess student learning activities that integrate technology.

- 2 (5%) [Not Comfortable](#)
- 15 (36%) [Need Assistance](#)
- 20 (48%) [Adequate Knowledge/Skill](#)
- 3 (7%) [I'm an Expert](#)
- 2 (5%) *no answer*

Sound Base in Research and Best Practices

Learning theories and instructional practices have a direct impact on the effectiveness of certain technologies and therefore serve as a guide for many technology-related decisions. Please identify the general learning theory upon which you base your instructional practices:

- 1 (2%) [Behaviorism](#)
- 13 (31%) [Cognitivism](#)
- 16 (38%) [Constructivism](#)
- 5 (12%) [other, please specify:](#)
- 7 (17%) *no answer*

Do you use a formal model of instructional design when designing and developing a course?

- 8 (19%) [Not sure](#)
- 25 (60%) [No](#)
- 4 (10%) [Yes, please identify the model:](#)

5 (12%) no answer

Administrative Processes and Operations

Do you have electronic access to student data?

- 1 (2%) [We do not have a student information system.](#)
- 0 (0%) Student information is available only in the registrar's office.
- 9 (21%) [Student information is available only in the registrar and administrative offices.](#)
- 25 (60%) [I have direct access to the student information system.](#)
- 6 (14%) [I don't know.](#)
- 1 (2%) no answer

Do you know the official university procedures for requesting hardware and software to which the university has licenses?

- 21 (50%) [No](#)
- 20 (48%) [Yes](#)
- 1 (2%) no answer

Do you know the official procedure and timeline for requesting hardware and software that is not on the university's standard software suite?

- 31 (74%) [No](#)
- 10 (24%) [Yes](#)
- 1 (2%) no answer

Barriers to Technology Use

Select your top three barriers to using technology from the list below

- 20 (48%) [Access to technology \(e.g. computers, document cameras, etc.\)](#)
- 9 (21%) [Administrative support](#)
- 25 (60%) [Funds](#)
- 2 (5%) [Interest or personal motivation to learn](#)
- 8 (19%) [Curriculum and technology alignment](#)
- 11 (26%) [Technology support](#)
- 23 (55%) [Time to learn, practice, plan](#)
- 9 (21%) [Technology-oriented professional development opportunities](#)
- 4 (10%) [Lack of institutional rewards for using technology](#)
- 2 (5%) [Personal desire to use technology](#)

Connectivity

Rate the quality of Internet access in your building:

- 1 (2%) [We do not have Internet access.](#)
- 2 (5%) [We have access, but it is consistently slow or unreliable.](#)
- 20 (48%) [Access is usually adequate with some slowdowns.](#)

19 (45%) [Access is excellent.](#)

0 (0%) *no answer*

Rate the quality of telephone access in your office:

0 (0%) We do not have phone access.

3 (7%) [We have access, but it is inconsistent or unreliable.](#)

19 (45%) [Access is usually adequate with few problems.](#)

20 (48%) [Access is excellent.](#)

0 (0%) *no answer*

Approximately what percentage of classrooms in the building in which you teach a majority of your classes have a computer with Internet access hooked up to data projector?

23 (55%) [0-25%](#)

5 (12%) [25-50%](#)

5 (12%) [50-75%](#)

8 (19%) [75-100%](#)

1 (2%) *no answer*

Technical Support

Do you know the official procedure for reporting hardware and software problems?

9 (21%) [No](#)

32 (76%) [Yes](#)

1 (2%) *no answer*

How long does it take to get help when classroom computer equipment fails?

7 (17%) [Within minutes](#)

9 (21%) [Within hours](#)

9 (21%) [Within days](#)

2 (5%) [Within weeks](#)

4 (10%) [Unpredictable](#)

10 (24%) [Don't know](#)

1 (2%) *no answer*

How long does it take to get help when there is a hardware problem in your office?

2 (5%) [Within minutes](#)

13 (31%) [Within hours](#)

15 (36%) [Within days](#)

2 (5%) [Within weeks](#)

5 (12%) [Unpredictable](#)

5 (12%) [Don't know](#)

0 (0%) *no answer*

How long does it take to get help when there is a software problem in your office?

- 4 (10%) [Within minutes](#)
- 8 (19%) [Within hours](#)
- 14 (33%) [Within days](#)
- 2 (5%) [Within weeks](#)
- 6 (14%) [Unpredictable](#)
- 8 (19%) [Don't know](#)
- 0 (0%) *no answer*

Overall, how satisfied are you with the technology support services available?

- 3 (7%) [Dissatisfied](#)
- 6 (14%) [Somewhat dissatisfied](#)
- 7 (17%) [Neither satisfied nor dissatisfied](#)
- 12 (29%) [Somewhat satisfied](#)
- 14 (33%) [Satisfied](#)
- 0 (0%) *no answer*

Culture of Learning and Innovation

In the culture that currently exists in your school (e.g. School of Education), individual innovation is:

- 0 (0%) Discouraged and not tolerated
- 2 (5%) [Tolerated](#)
- 30 (71%) [Supported but not rewarded](#)
- 10 (24%) [Rewarded](#)
- 0 (0%) *no answer*

In your school, how often do educators dialogue with peers about current research in teaching and learning or engage in meaningful discussions about the effect of their own practice on student learning?

- 6 (14%) [Never](#)
- 11 (26%) [Rarely](#)
- 15 (36%) [Sometimes](#)
- 7 (17%) [Often](#)
- 3 (7%) [Almost daily](#)
- 0 (0%) *no answer*

What form of motivation would be effective in promoting the use of technology in teaching and learning? (Select up to two)

- 3 (7%) [Access to research on the effectiveness of technology in achieving learning outcomes](#)
- 24 (57%) [Opportunities to share and learn techniques with and from other innovative users](#)
- 29 (69%) [Release time for learning technologies and developing technology-enhanced courses](#)
- 12 (29%) [External Rewards \(stipend, increased salary, increased opportunities for promotion\) for using technology in teaching and learning](#)
- 0 (0%) I will not use technology in the courses I teach
- 1 (2%) [Other, please identify:](#)

Professional Development

Are you able and willing to attend technology professional development events if they were offered on campus?

- 1 (2%) [No](#)
- 37 (88%) [Yes](#)
- 4 (10%) [Not sure](#)
- 0 (0%) *no answer*

If given a choice, in which types of professional growth opportunities do you prefer to participate?
(Select all that apply)

- 27 (64%) [Workshops and seminars](#)
- 14 (33%) [Attending conferences](#)
- 15 (36%) [On-demand, online professional development](#)
- 19 (45%) [One-on-one training with technology training staff](#)
- 31 (74%) [Group training with technology training staff](#)
- 0 (0%) None apply

Do you need training to use or do any of the following: (Select all that apply)

- 1 (2%) [Computer Basics](#)
- 10 (24%) [Handheld Computer](#)
- 3 (7%) [Microsoft Windows Operating System](#)
- 0 (0%) Word Processing Program (Microsoft Word)
- 2 (5%) [Internet](#)
- 17 (40%) [Spreadsheets/Databases \(Microsoft Excel or Access\)](#)
- 18 (43%) [Art/Graphic Development](#)
- 31 (74%) [Web Page Development](#)
- 20 (48%) [Multimedia Authoring](#)
- 11 (26%) [Presentation Software \(Microsoft PowerPoint\)](#)
- 1 (2%) [Email](#)
- 8 (19%) [Online Research Tools](#)
- 13 (31%) [Camcorders/Video Editing](#)
- 9 (21%) [Digital Cameras](#)
- 12 (29%) [SPSS](#)
- 6 (14%) [Data Projectors](#)
- 23 (55%) [Interactive Whiteboard \(SMART Board\)](#)
- 11 (26%) [Document Cameras \(ELMO\)](#)
- 15 (36%) [Creating and Using Web Logs](#)
- 11 (26%) [Teleconferencing/Videoconferencing](#)
- 10 (24%) [Computerized Assessment](#)
- 15 (36%) [WebCT](#)
- 19 (45%) [Designing Effective Online Instruction](#)
- 11 (26%) [Electronic Library Access](#)

- 8 (19%) [Web Advisor](#)
- 15 (36%) [Plagiarism Prevention and Detection Resources](#)
- 14 (33%) [Integration of Technology into Face-to-Face Teaching](#)
- 18 (43%) [Social, Legal, and Ethical Issues Related to Technology in Education](#)

Potential Impact of Technologies

For each type of hardware and software listed below, indicate (using the scale provided) the potential impact of the technology on teaching and learning.

Desk/Laptop Computers

- 0 (0%) No Impact
- 2 (5%) [Very Little Impact](#)
- 4 (10%) [Moderate Impact](#)
- 13 (31%) [High Impact](#)
- 21 (50%) [Very High Impact](#)
- 2 (5%) *no answer*

Internet

- 0 (0%) No Impact
- 0 (0%) Very Little Impact
- 6 (14%) [Moderate Impact](#)
- 9 (21%) [High Impact](#)
- 26 (62%) [Very High Impact](#)
- 1 (2%) *no answer*

VCR/DVD Player

- 2 (5%) [No Impact](#)
- 3 (7%) [Very Little Impact](#)
- 24 (57%) [Moderate Impact](#)
- 8 (19%) [High Impact](#)
- 3 (7%) [Very High Impact](#)
- 2 (5%) *no answer*

Handheld Computers

- 5 (12%) [No Impact](#)
- 18 (43%) [Very Little Impact](#)
- 12 (29%) [Moderate Impact](#)
- 2 (5%) [High Impact](#)
- 2 (5%) [Very High Impact](#)
- 3 (7%) *no answer*

Graphics Scanner

- 5 (12%) [No Impact](#)

- 6 (14%) [Very Little Impact](#)
- 20 (48%) [Moderate Impact](#)
- 4 (10%) [High Impact](#)
- 5 (12%) [Very High Impact](#)
- 2 (5%) *no answer*

Data Projector

- 1 (2%) [No Impact](#)
- 4 (10%) [Very Little Impact](#)
- 7 (17%) [Moderate Impact](#)
- 15 (36%) [High Impact](#)
- 13 (31%) [Very High Impact](#)
- 2 (5%) *no answer*

Document Camera (ELMO)

- 8 (19%) [No Impact](#)
- 5 (12%) [Very Little Impact](#)
- 10 (24%) [Moderate Impact](#)
- 7 (17%) [High Impact](#)
- 6 (14%) [Very High Impact](#)
- 6 (14%) *no answer*

Interactive Whiteboard (SMART Board)

- 6 (14%) [No Impact](#)
- 5 (12%) [Very Little Impact](#)
- 8 (19%) [Moderate Impact](#)
- 11 (26%) [High Impact](#)
- 6 (14%) [Very High Impact](#)
- 6 (14%) *no answer*

Digital Camera

- 4 (10%) [No Impact](#)
- 9 (21%) [Very Little Impact](#)
- 14 (33%) [Moderate Impact](#)
- 6 (14%) [High Impact](#)
- 5 (12%) [Very High Impact](#)
- 4 (10%) *no answer*

Electronic Library Access

- 0 (0%) [No Impact](#)
- 0 (0%) [Very Little Impact](#)
- 6 (14%) [Moderate Impact](#)
- 11 (26%) [High Impact](#)

24 (57%) [Very High Impact](#)

1 (2%) *no answer*

Camcorder/Video Editing Equipment

6 (14%) [No Impact](#)

9 (21%) [Very Little Impact](#)

9 (21%) [Moderate Impact](#)

10 (24%) [High Impact](#)

5 (12%) [Very High Impact](#)

3 (7%) *no answer*

Discussion Boards or Web Logs

2 (5%) [No Impact](#)

5 (12%) [Very Little Impact](#)

17 (40%) [Moderate Impact](#)

7 (17%) [High Impact](#)

4 (10%) [Very High Impact](#)

7 (17%) *no answer*

Multimedia Storage Devices (CD-ROM, DVD)

2 (5%) [No Impact](#)

4 (10%) [Very Little Impact](#)

11 (26%) [Moderate Impact](#)

13 (31%) [High Impact](#)

10 (24%) [Very High Impact](#)

2 (5%) *no answer*

Educational Videotapes/DVDs

1 (2%) [No Impact](#)

5 (12%) [Very Little Impact](#)

18 (43%) [Moderate Impact](#)

6 (14%) [High Impact](#)

10 (24%) [Very High Impact](#)

2 (5%) *no answer*

Teleconferencing or Videoconferencing

6 (14%) [No Impact](#)

7 (17%) [Very Little Impact](#)

12 (29%) [Moderate Impact](#)

6 (14%) [High Impact](#)

7 (17%) [Very High Impact](#)

4 (10%) *no answer*

Voice Activation/Touch Screen Input Systems

- 12 (29%) [No Impact](#)
- 5 (12%) [Very Little Impact](#)
- 13 (31%) [Moderate Impact](#)
- 3 (7%) [High Impact](#)
- 4 (10%) [Very High Impact](#)
- 5 (12%) *no answer*

Computerized Assessment

- 2 (5%) [No Impact](#)
- 7 (17%) [Very Little Impact](#)
- 11 (26%) [Moderate Impact](#)
- 12 (29%) [High Impact](#)
- 6 (14%) [Very High Impact](#)
- 4 (10%) *no answer*

Word Processing/Desktop Publishing (MS Word)

- 0 (0%) *No Impact*
- 1 (2%) [Very Little Impact](#)
- 4 (10%) [Moderate Impact](#)
- 9 (21%) [High Impact](#)
- 27 (64%) [Very High Impact](#)
- 1 (2%) *no answer*

CD-ROM or Online Tutorials

- 3 (7%) [No Impact](#)
- 4 (10%) [Very Little Impact](#)
- 18 (43%) [Moderate Impact](#)
- 6 (14%) [High Impact](#)
- 6 (14%) [Very High Impact](#)
- 5 (12%) *no answer*

Email

- 1 (2%) [No Impact](#)
- 3 (7%) [Very Little Impact](#)
- 6 (14%) [Moderate Impact](#)
- 9 (21%) [High Impact](#)
- 21 (50%) [Very High Impact](#)
- 2 (5%) *no answer*

Spreadsheets/Databases

- 3 (7%) [No Impact](#)
- 4 (10%) [Very Little Impact](#)
- 12 (29%) [Moderate Impact](#)

- 8 (19%) [High Impact](#)
- 13 (31%) [Very High Impact](#)
- 2 (5%) *no answer*

Art/Graphic Development Software

- 5 (12%) [No Impact](#)
- 9 (21%) [Very Little Impact](#)
- 10 (24%) [Moderate Impact](#)
- 5 (12%) [High Impact](#)
- 8 (19%) [Very High Impact](#)
- 5 (12%) *no answer*

Web Development Software

- 3 (7%) [No Impact](#)
- 4 (10%) [Very Little Impact](#)
- 10 (24%) [Moderate Impact](#)
- 9 (21%) [High Impact](#)
- 13 (31%) [Very High Impact](#)
- 3 (7%) *no answer*

Audio or Video Development Software

- 4 (10%) [No Impact](#)
- 6 (14%) [Very Little Impact](#)
- 13 (31%) [Moderate Impact](#)
- 9 (21%) [High Impact](#)
- 7 (17%) [Very High Impact](#)
- 3 (7%) *no answer*

Presentation Software (MS PowerPoint)

- 1 (2%) [No Impact](#)
- 2 (5%) [Very Little Impact](#)
- 7 (17%) [Moderate Impact](#)
- 9 (21%) [High Impact](#)
- 21 (50%) [Very High Impact](#)
- 2 (5%) *no answer*

WebCT

- 1 (2%) [No Impact](#)
- 4 (10%) [Very Little Impact](#)
- 7 (17%) [Moderate Impact](#)
- 9 (21%) [High Impact](#)
- 17 (40%) [Very High Impact](#)
- 4 (10%) *no answer*

