



Technology and Learning: Initial Results of SERU AAU Survey

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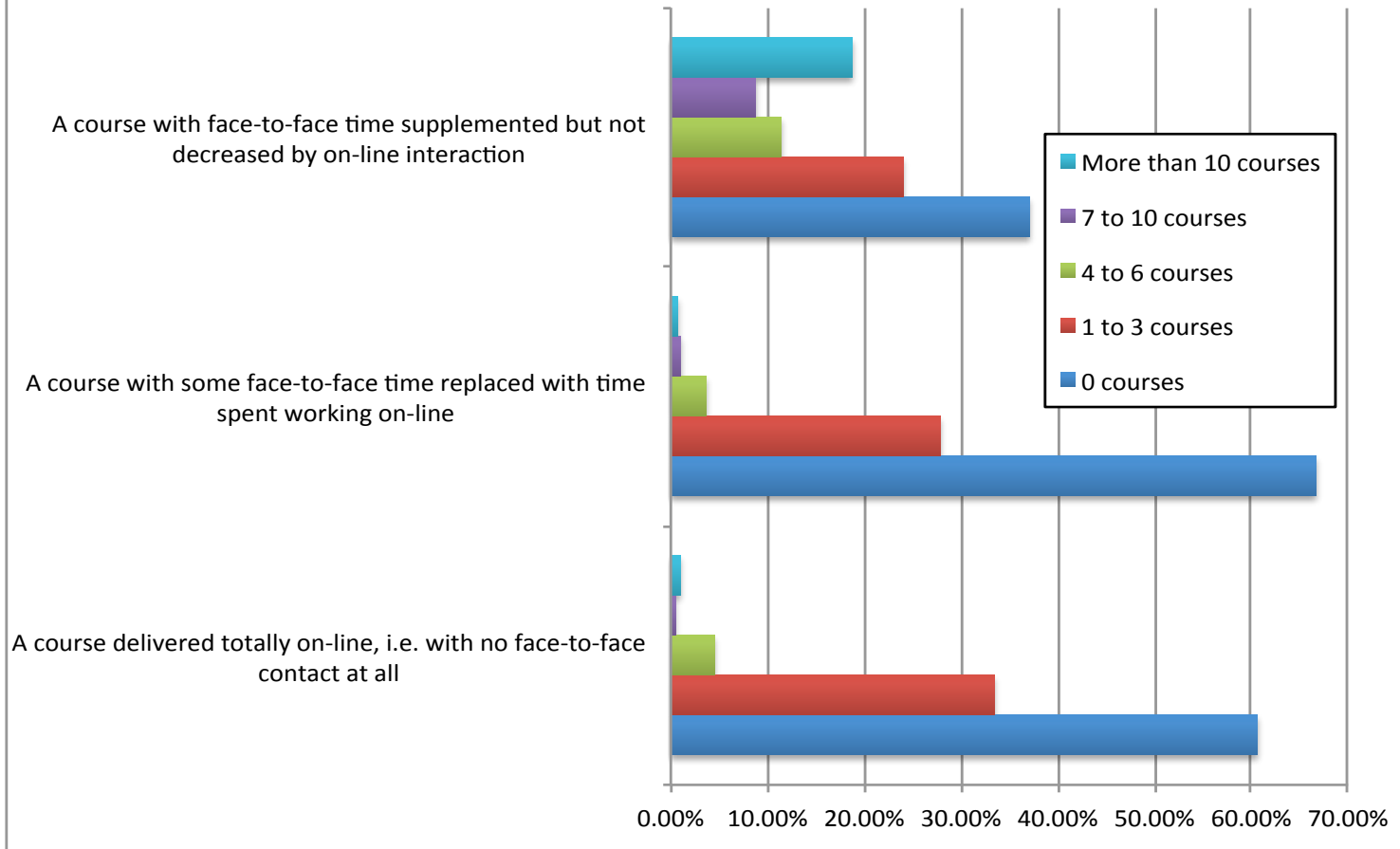


SERU Technology and Learning Module – Four AAU Campuses

- **MOOCS and On-line Learning Technologies as the Next (Now) Best Thing and Salvation/Enemy**
- **Status of Research on Learning Technologies in Research Intensive Universities – Provider and Boosterism**
- **SERU Module Focused on:**
 - **Student Use of Technology**
 - **On-line and Hybrid Courses Taken**
 - **Faculty Use of Technology in the Classroom**
 - **Student Opinions on Learning Technologies and Behaviors**
- **S&T Module Administered in fall 2013 at:**
 - **Minnesota**
 - **Texas**
 - **Virginia**
 - **Indiana**
- **Sample Size – limits of first round of data**

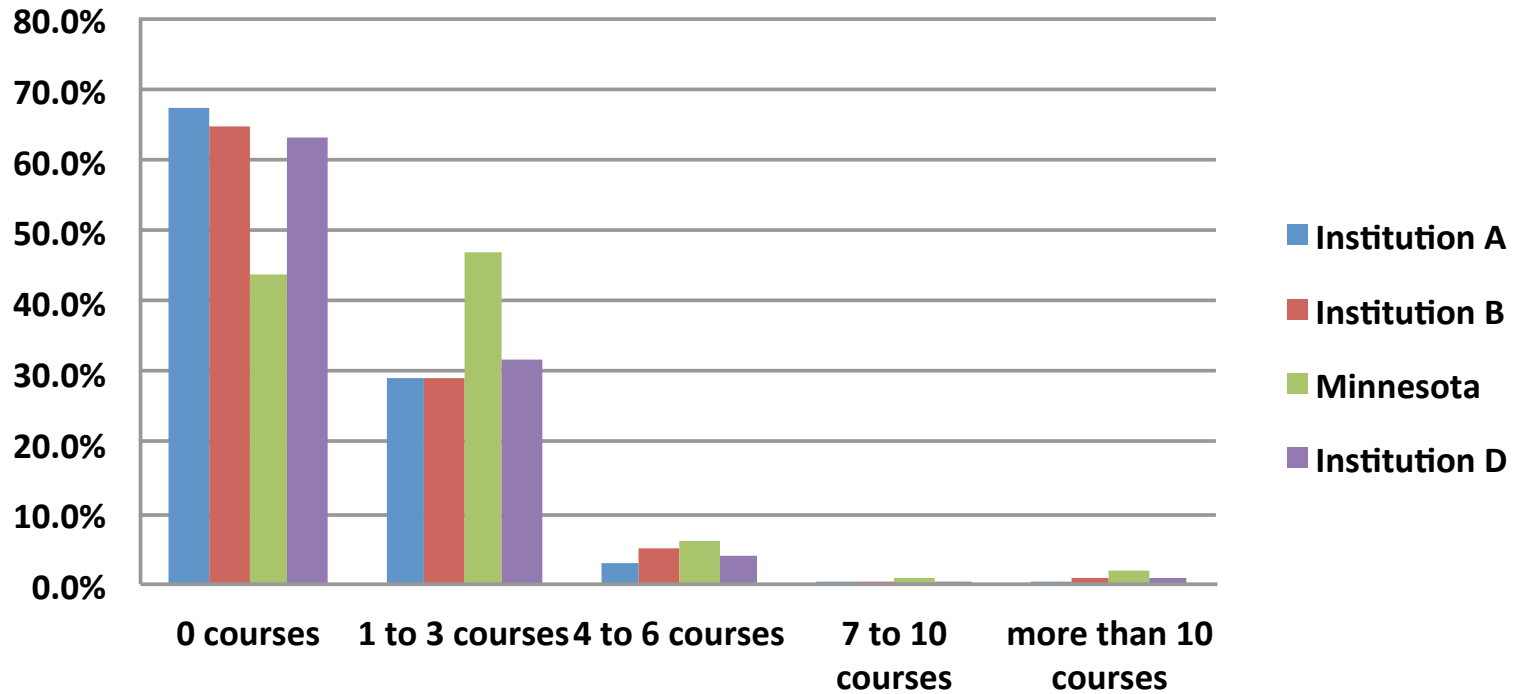
Face to Face Courses vs. On-line

Approximately how many courses (including your current courses and courses taken at other institutions)



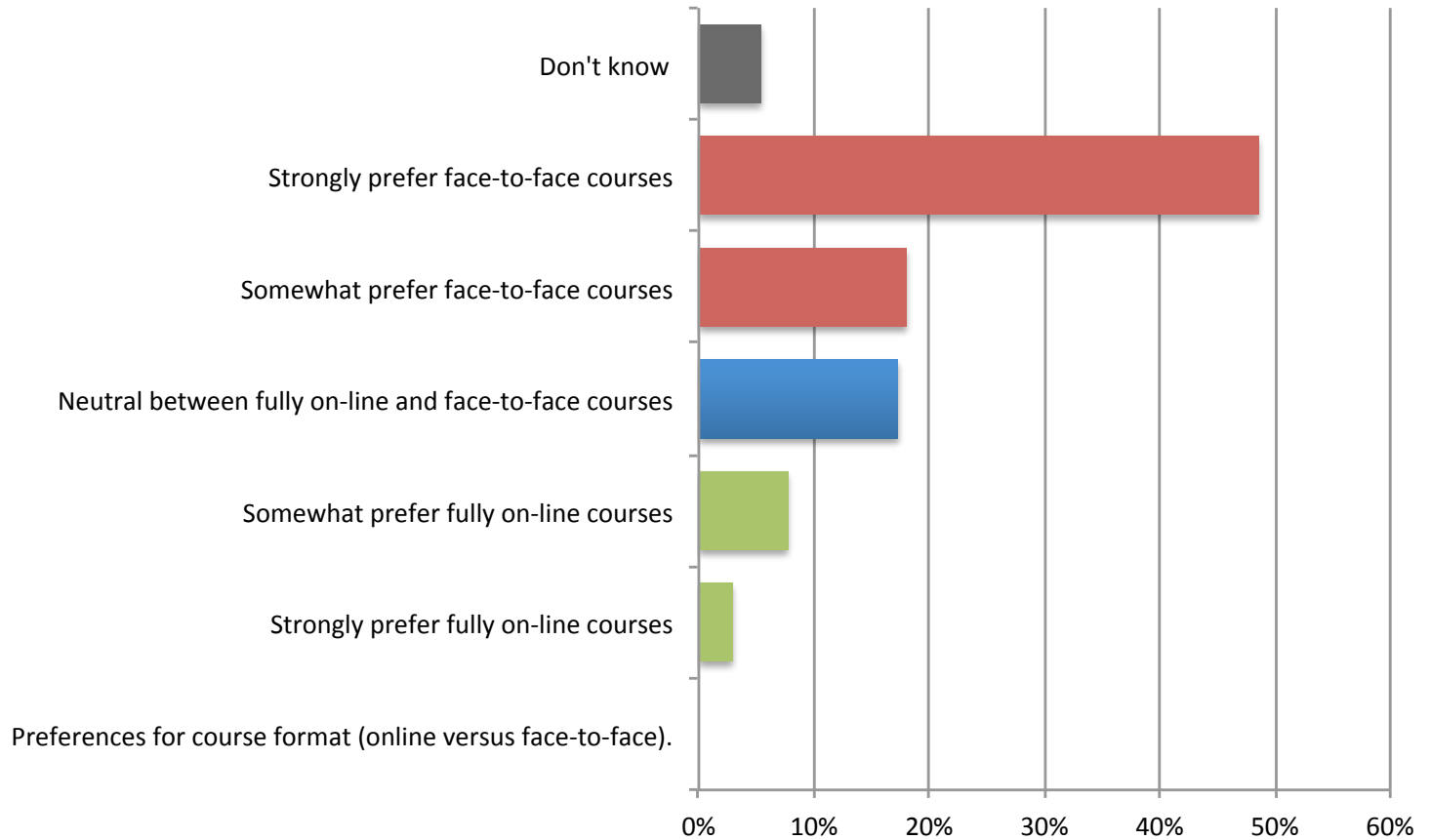
Face to Face Courses vs. On-line

Approximately how many courses...-A course delivered totally on-line, i.e. with no face-to-face contact at all



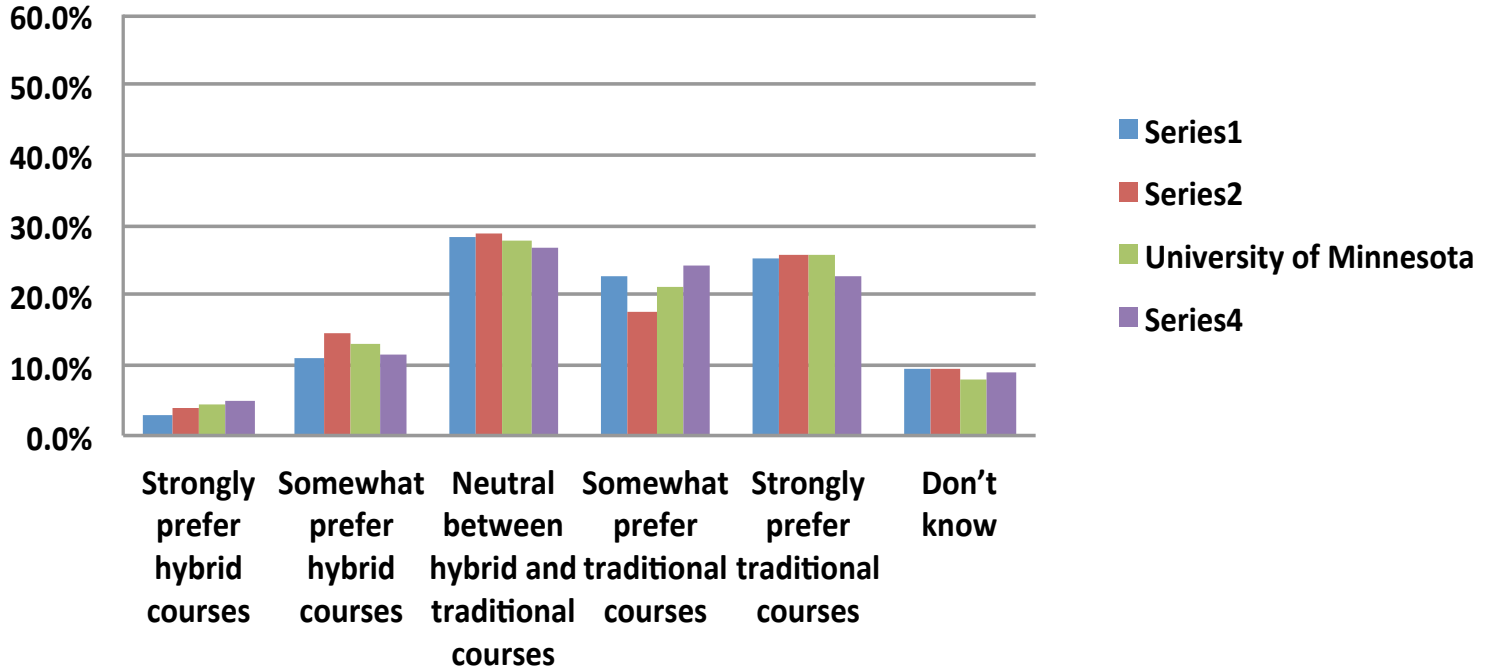
Face to Face Courses vs. On-line

Preferences for course format (online versus face-to-face)



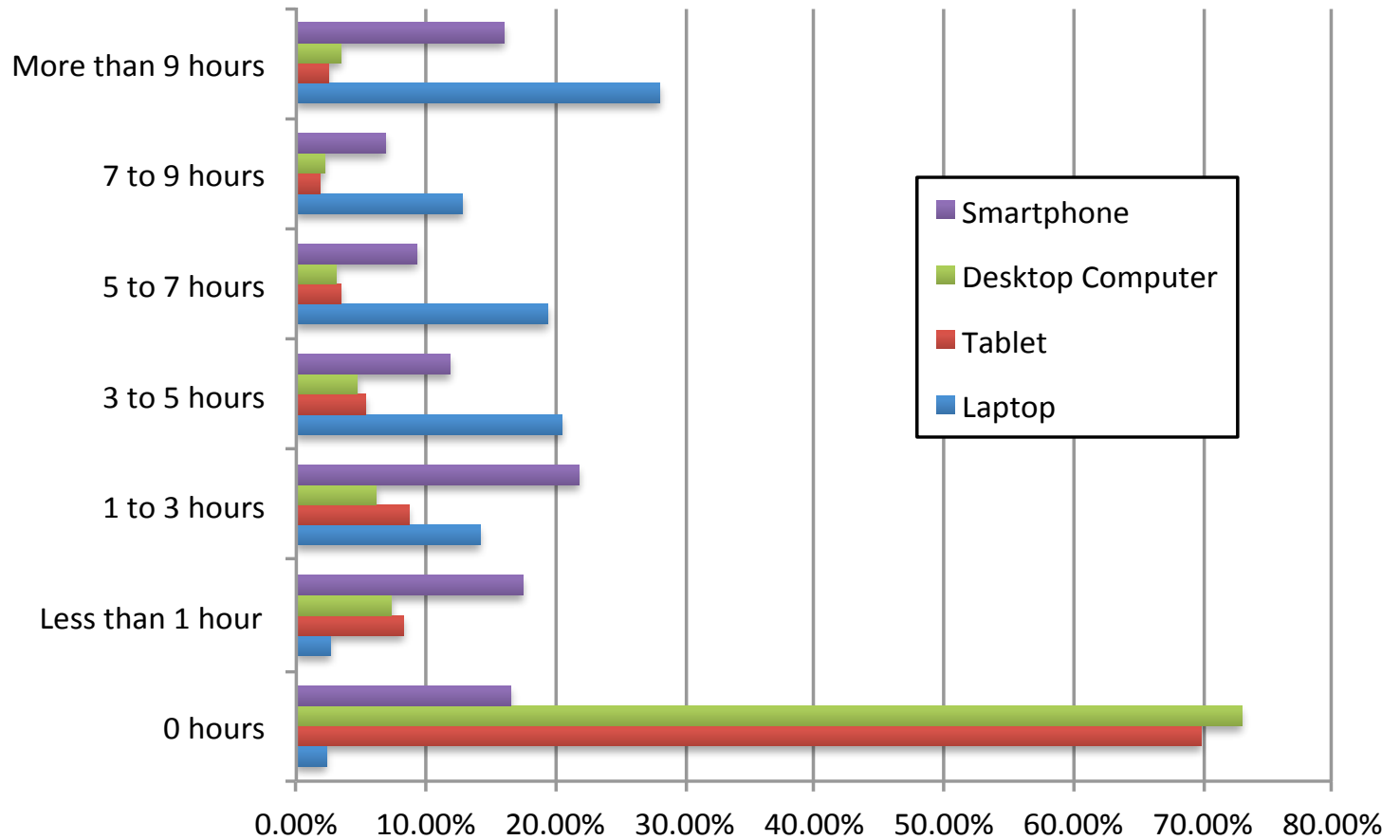
Face to Face Courses vs. On-line

Preference for increasing the number of hybrid courses as opposed to traditional face-to-face courses?



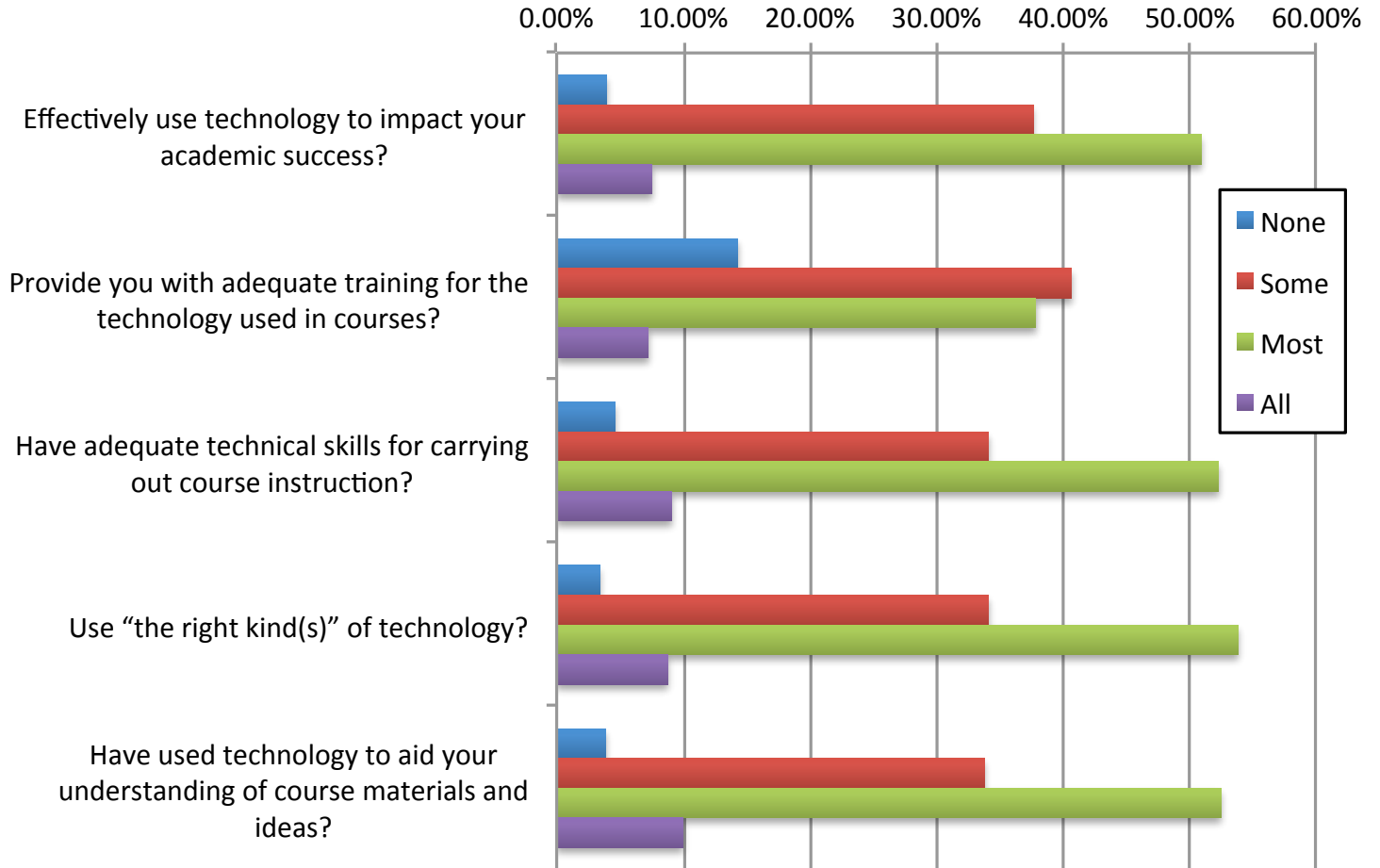
Technology Use

On a typical weekday, how often do you use the following:



Faculty Use of Technology

Thinking about your college experience within the past year, how many of your instructors



Faculty Use of Technology

- **Instructors were most likely to use the following types of technology:**
 - Course or learning management systems
 - Locally installed word processors/spreadsheets
 - Locally installed presentation software

60-80% of students indicated that “some” to “all” instructors used those three tools

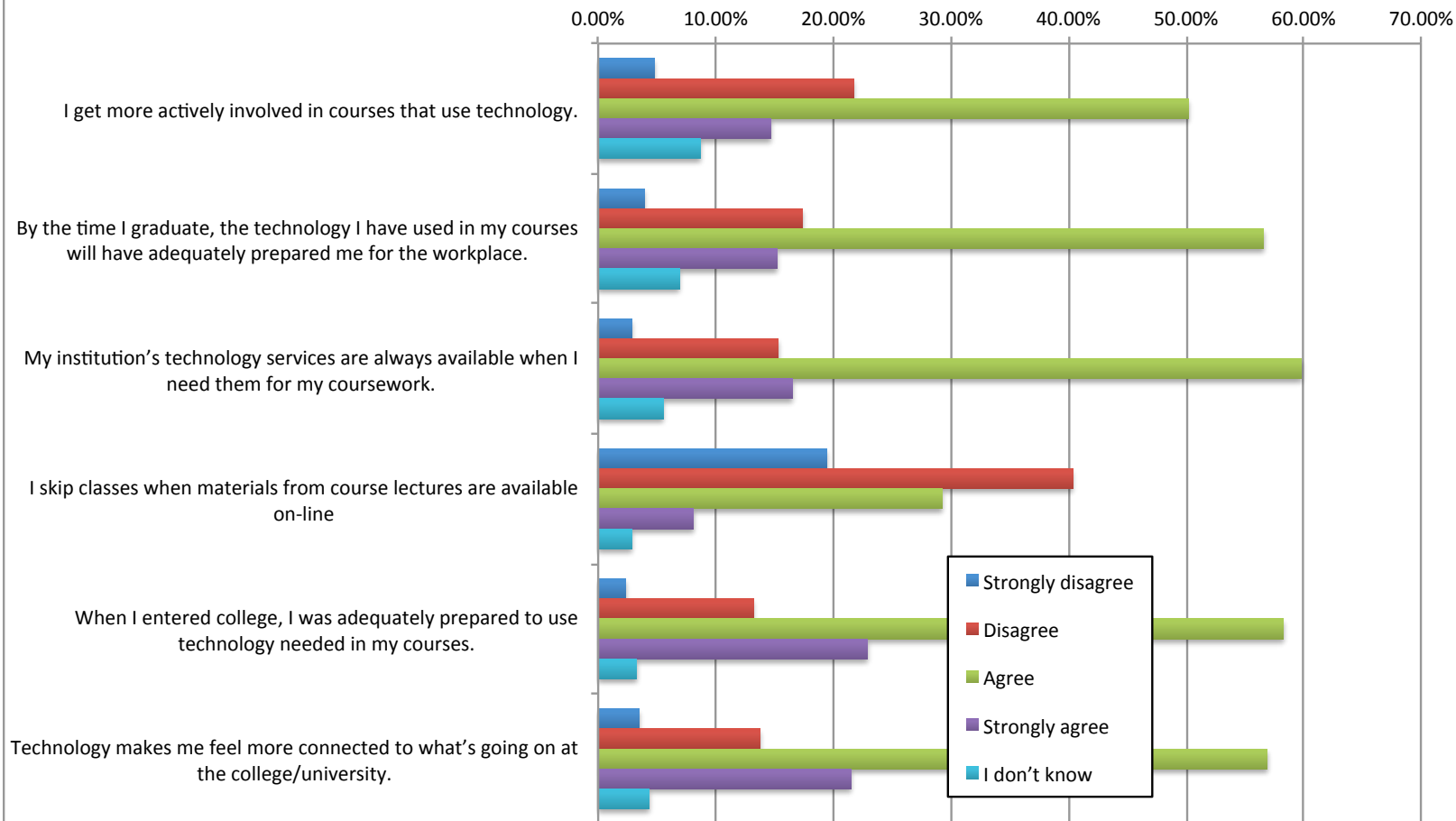
- **Instructors were least likely to use the following types of technology:**
 - E-portfolios
 - Simulations/educational games
 - Online multiuser computer games
 - Photo-sharing websites
 - Wikis
 - Facebook
 - Blogs
 - Podcasts/webcasts

70-85% of students indicated that “none” of their instructors used those tools



Technology Behaviors and Perceived Benefits

To what extent do you agree or disagree with the following statements





SERU Technology and Learning Preliminary Thoughts

- **Face to Face vs On-Line**
 - Most students at the sample group of SERU AAU campuses have never had a fully on-line course; most that have taken 1 to 4 courses.
 - Students prefer hybrid courses that maintain contact with academic faculty/TAs – at this time.
 - Student strongly do not prefer on-line courses or learning technologies that nearly replace contact with faculty/TAs.
- **Faculty use of learning technologies**
 - Appears relatively high and effectively – assuming in and outside the classroom
 - Slight majority of students say they do not skip class – are Learning Technologies a supplemental or a replacement?
- **We need to know more – including analysis/correlations on**
 - Socioeconomic background – including Educational Capital
 - Race/Ethnicity and Gender
 - Discipline
 - Academic Engagement and Performance
 - Beginning of a baseline of data as institutions (and faculty) further adopt Ed Tech