



2020 Technology Survey

Results Overview



Respondents

Surveys were sent to all faculty, staff and administrators and to 6,000 students.



Classified 70

- 1 year or less - 3
- 1 to 2 years - 7
- 2 to 5 years - 15
- 5 to 10 years - 6
- 10 to 20 years - 26
- 20 or more years - 13



PT Faculty 72

- 1 year or less - 7
- 1 to 2 years - 3
- 2 to 5 years - 10
- 5 to 10 years - 11
- 10 to 20 years - 16
- 20 or more years - 24



FT Faculty 81

- 1 year or less - 4
- 1 to 2 years - 1
- 2 to 5 years - 6
- 5 to 10 years - 16
- 10 to 20 years - 21
- 20 or more years - 33



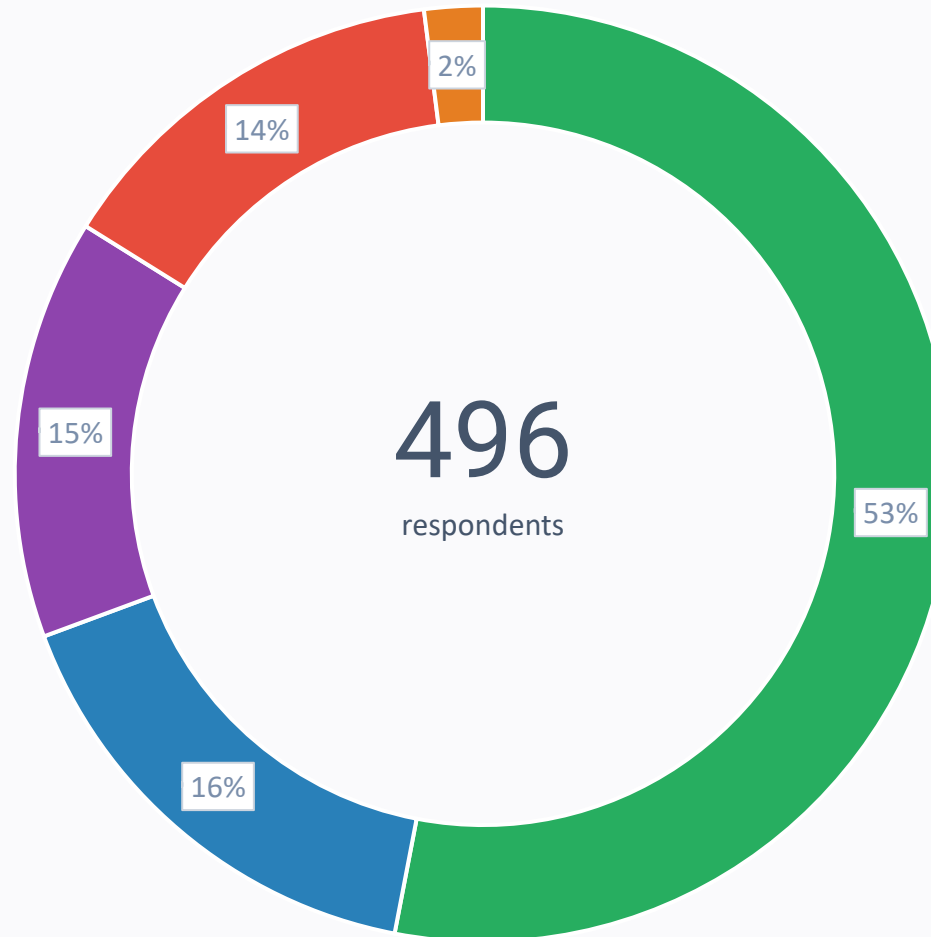
Administrators 10

- 1 year or less - 7
- 1 to 2 years - 3
- 2 to 5 years - 10
- 5 to 10 years - 11
- 10 to 20 years - 16
- 20 or more years - 24



Students 263

- First quarter - 73
- 2 quarters - 21
- 3 quarters - 18
- 4 quarters - 26
- 5 quarters - 32
- 6 or more Quarters - 92



Response Rates

Faculty, staff and administrators: 16.0%

Students: 4.4%

Devices and Workspace



Devices

Which device do you use most often in your job? / Which device do you use most often for your class work?



Smartphone

2%

10



Laptop

71%

354



Desktop

23%

116



Tablet

3%

15

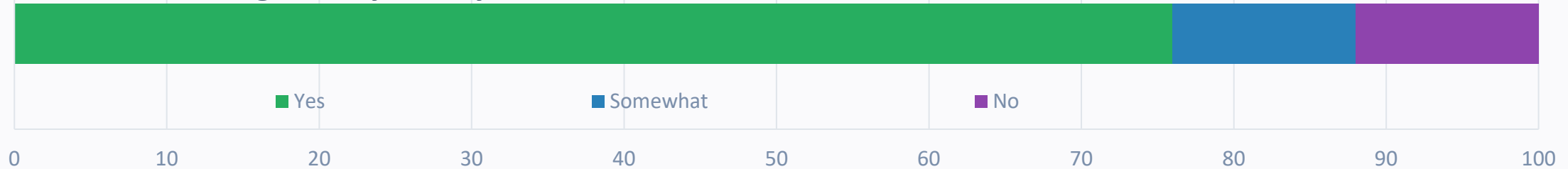
- All populations fell close to these averages, except Classified.
- Classified had 53%/43% split between laptops and desktops.
- Students had the lowest desktop usage at 13%.



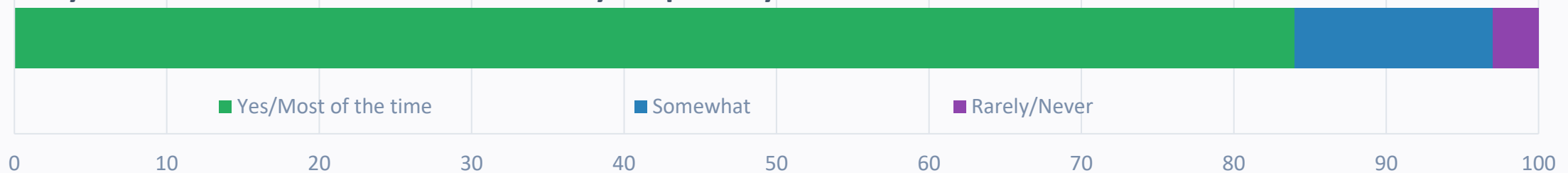
Device, Internet and Workspace

All respondents were asked the following questions.

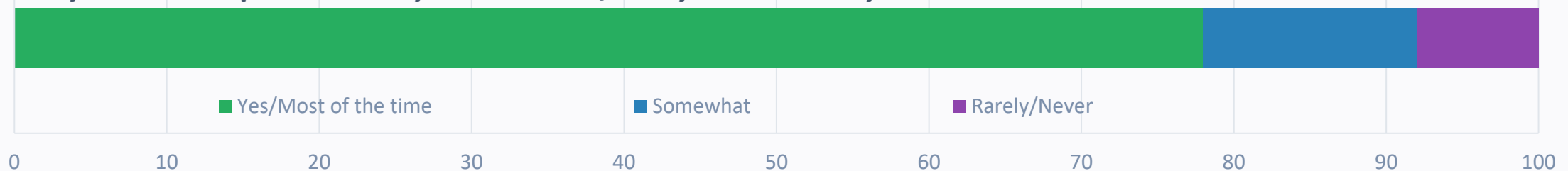
Does this device generally meet your needs?



Do you have reliable and fast internet at your primary residence?



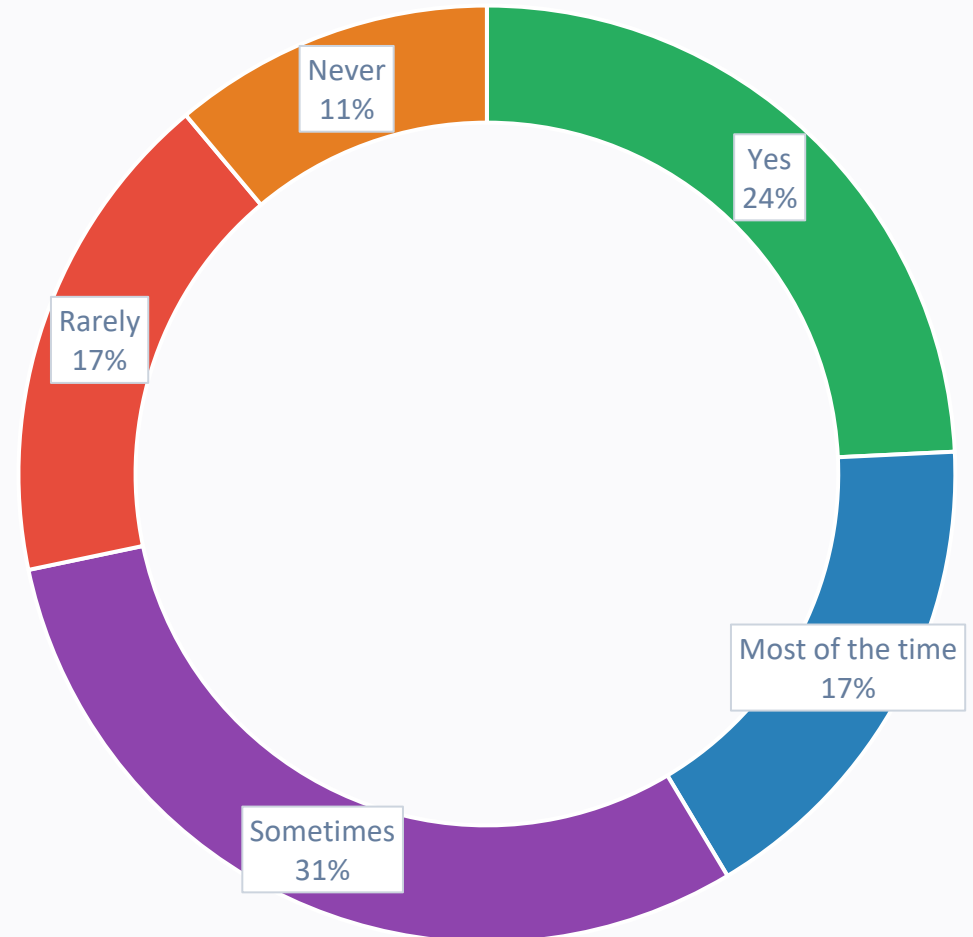
Do you have a space where you can work/study that allows you to concentrate when needed?





Student Comfort on Camera

Are you generally comfortable appearing on web camera in your classes?





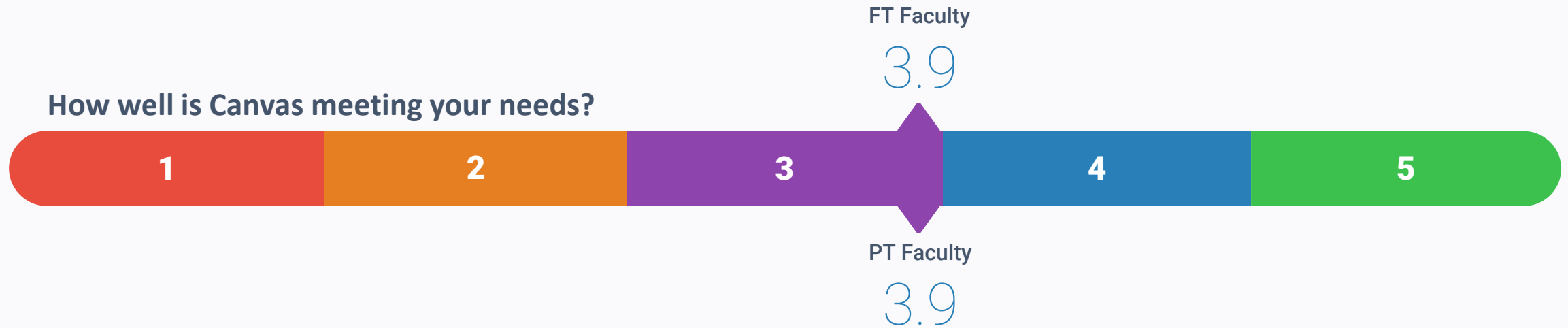
Most Requested Needs

All respondents were asked about their technology needs; most common answers are below.

- New/updated device
- Fast and reliable internet
- Remote learning equipment (webcam, headphones, microphone, monitor)
- Office equipment (desk, chair)
- Printer

Canvas/Online Learning

Canvas – Faculty Overview



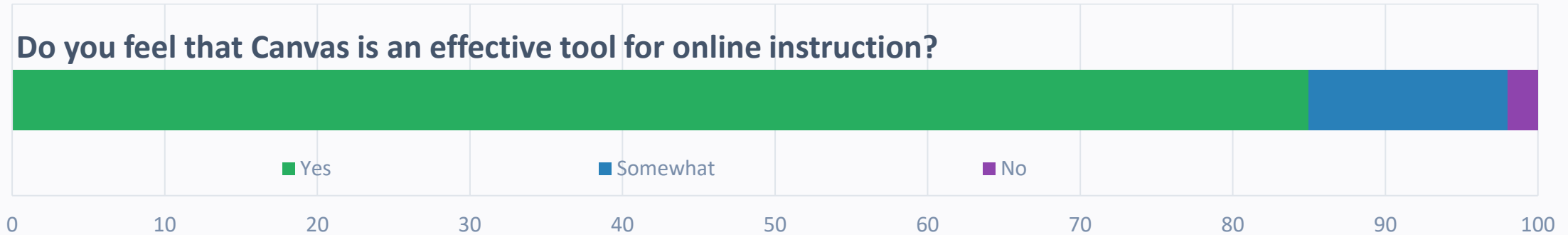
Canvas features that faculty members would like to make better use of:

- Studio/video creation, editing and posting
- Collaborations
- Zoom integration

Canvas features that faculty members would like implemented:

- TurnItIn
- Slack/Discord/chat functionality
- Configurable gradebook

Canvas - Students

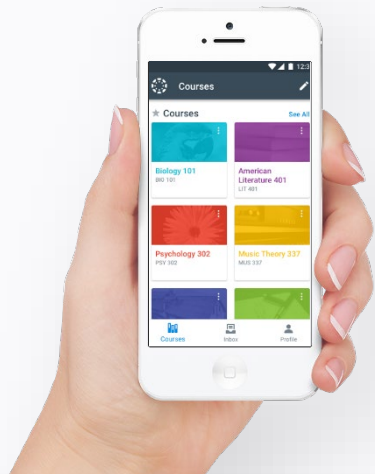


Pros:

- Organizes class content
- Easy to use
- Keeps track of due dates

Cons:

- **Faculty don't know how to use it correctly**
- Buggy/slow
- Difficult to navigate



Students who used the Canvas app on their phone overwhelmingly had positive experiences.

Most said it was easy to use. It was noted that not all functionality is in the app and students should use the web version for important work.

Remote Learning - Students

Likes

Time

- No commute
- Flexibility of schedule
- Self-paced classes
- No parking hassles
- More free time
- Time management/can plan ahead

Money

- Saves money
- Can work/have job

Learning

- Can re-watch/re-listen to lectures
- Organized courses

Lifestyle

- Convenience
- Avoid people/Covid-19
- Being at home
- Not having to get ready for school

Dislikes

Communication and Interaction

- Instructor access/responsiveness
- Interaction and engagement with instructor
- Connecting and communicating with peers
- Communication/notifications (Canvas)
- Working in teams/group work

Technology and Workspace

- Instructor tech issues/abilities
- Internet access/technical issues
- Study space/quiet environment

Learning

- Attention/concentration/motivation
- Finding help outside of class
- More demanding assignments
- Time management

Campus

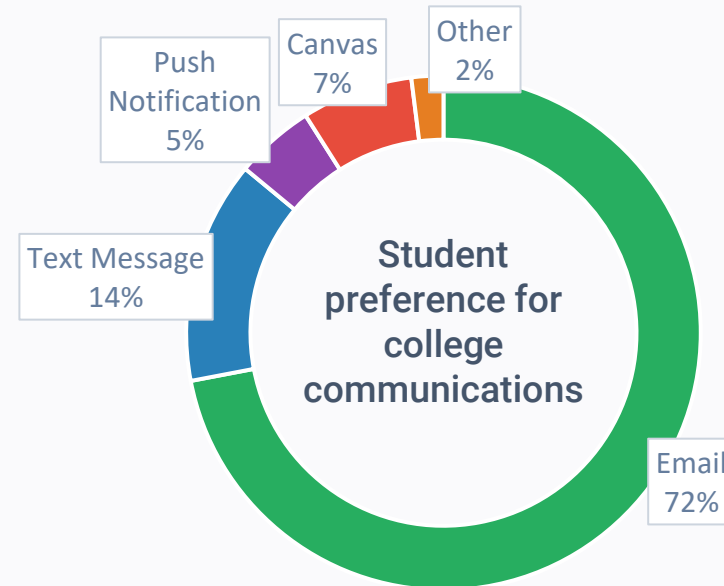
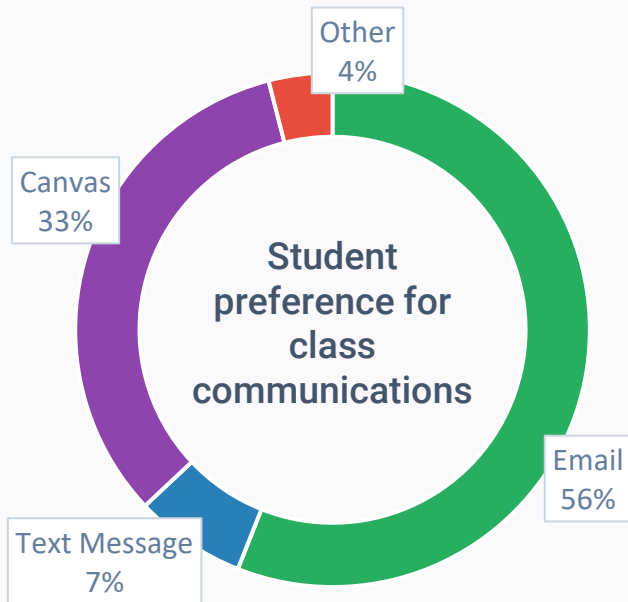
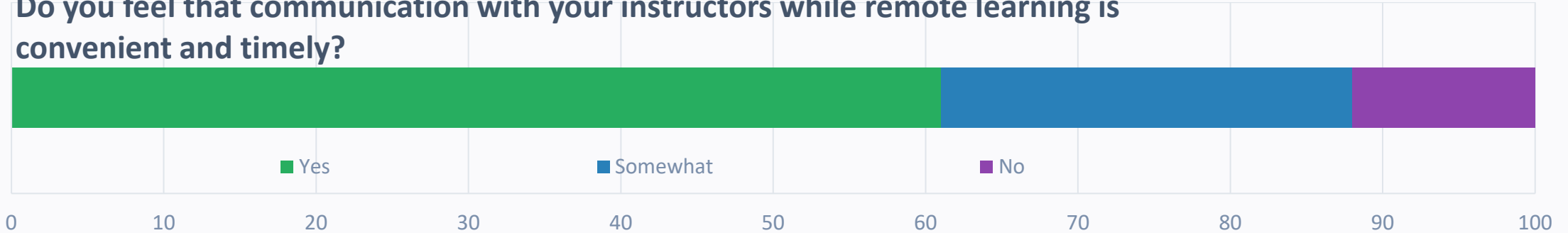
- No hands-on learning (labs, auto shop, tools)
- Access to materials

Communications and Connection



Instructor/Student Communication

Do you feel that communication with your instructors while remote learning is convenient and timely?



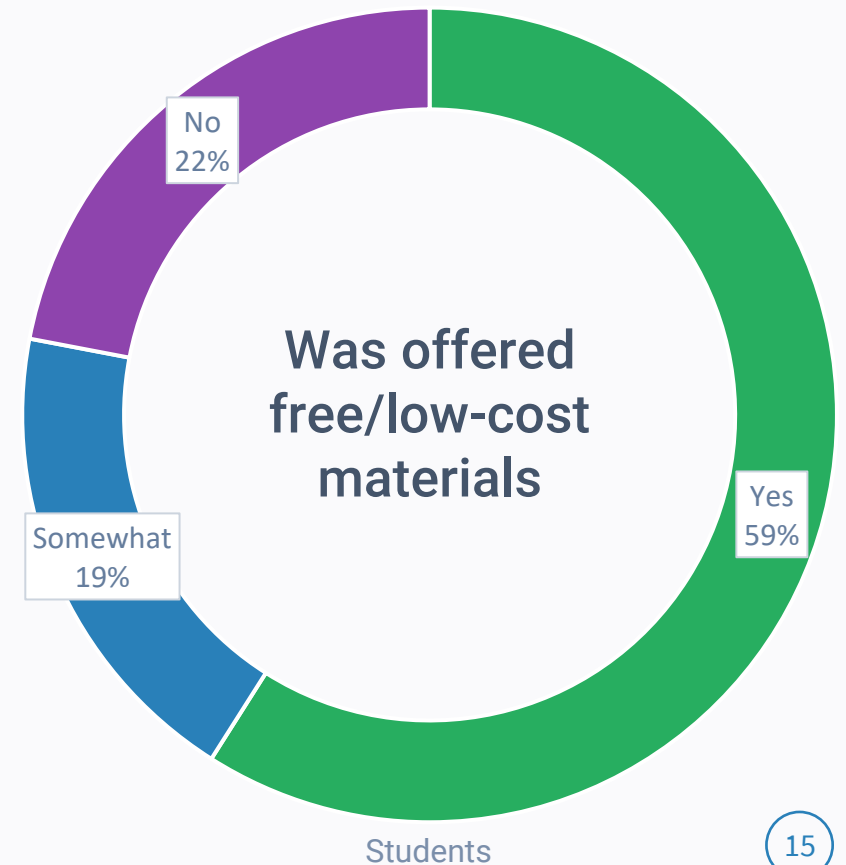
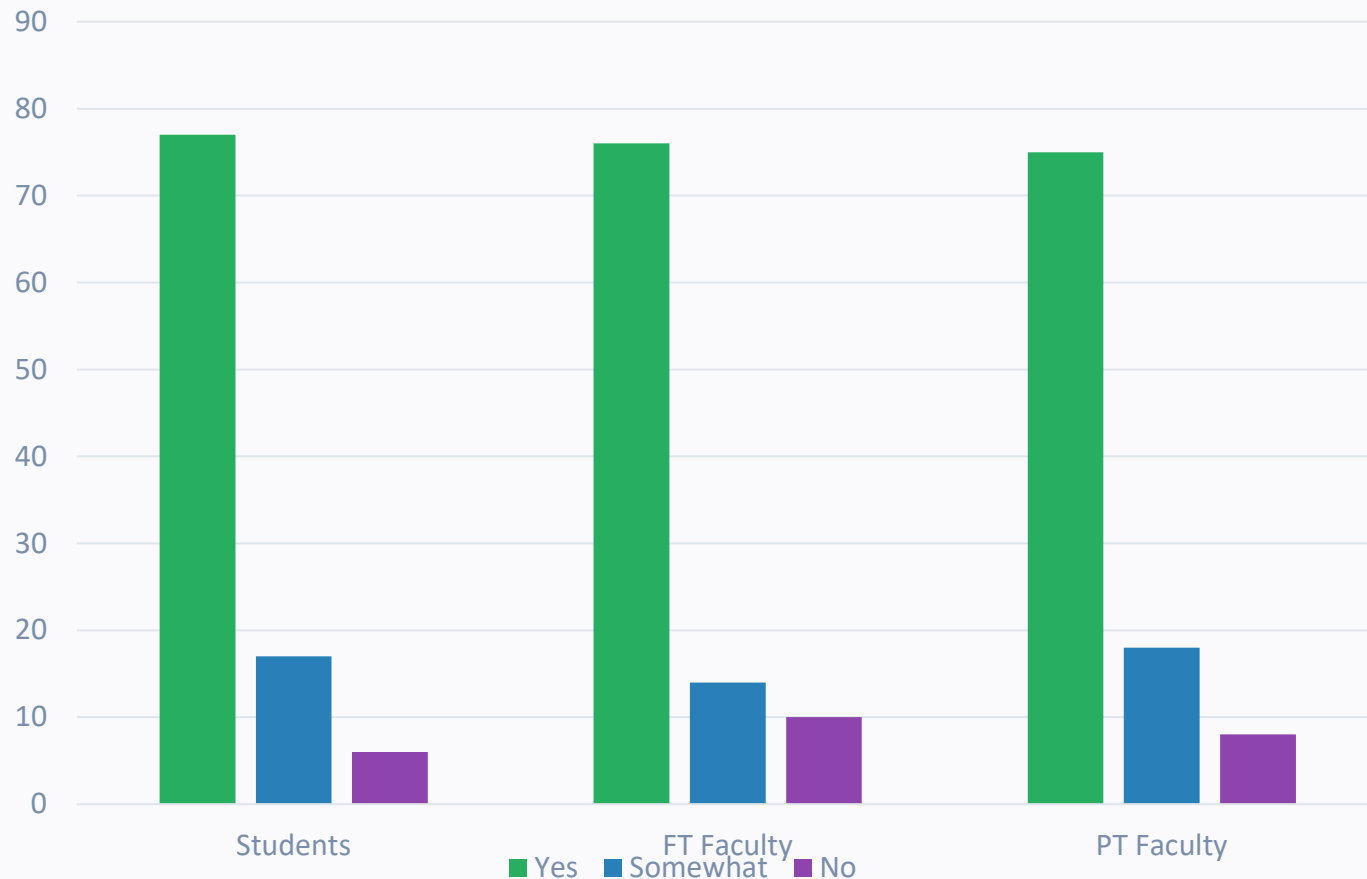
Materials and OER



Online Material Access

Do you have easy access to online materials for your courses, such as textbooks, course packets, videos or other supporting materials?
Does your instructor make free or low-cost textbooks and materials available as an alternative to traditional purchased textbooks?

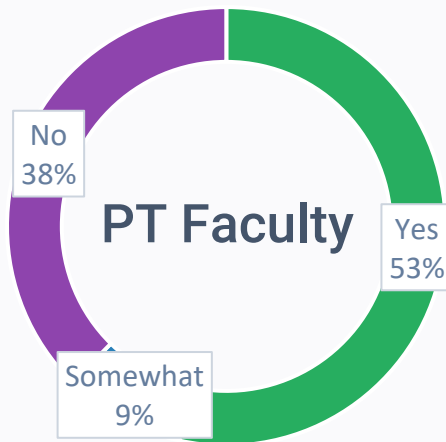
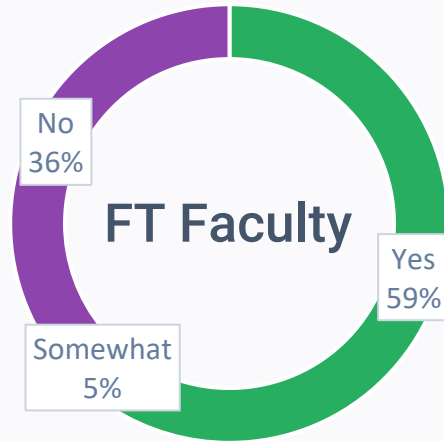
Easy Access to Online Materials





OER Materials Use

Do you offer your students the opportunity to use open educational resources?
Please describe the open educational resources and other low-cost or zero-cost materials that you make available to students.



Types of OER Provided

FT Faculty	PT Faculty
<ul style="list-style-type: none"> Textbooks Videos/YouTube Websites/Links Self-created materials Books/Novels/Articles eBooks OpenStax 	<ul style="list-style-type: none"> Videos/YouTube Textbooks Websites/Links Self-created materials Books/Novels/Articles Library Databases

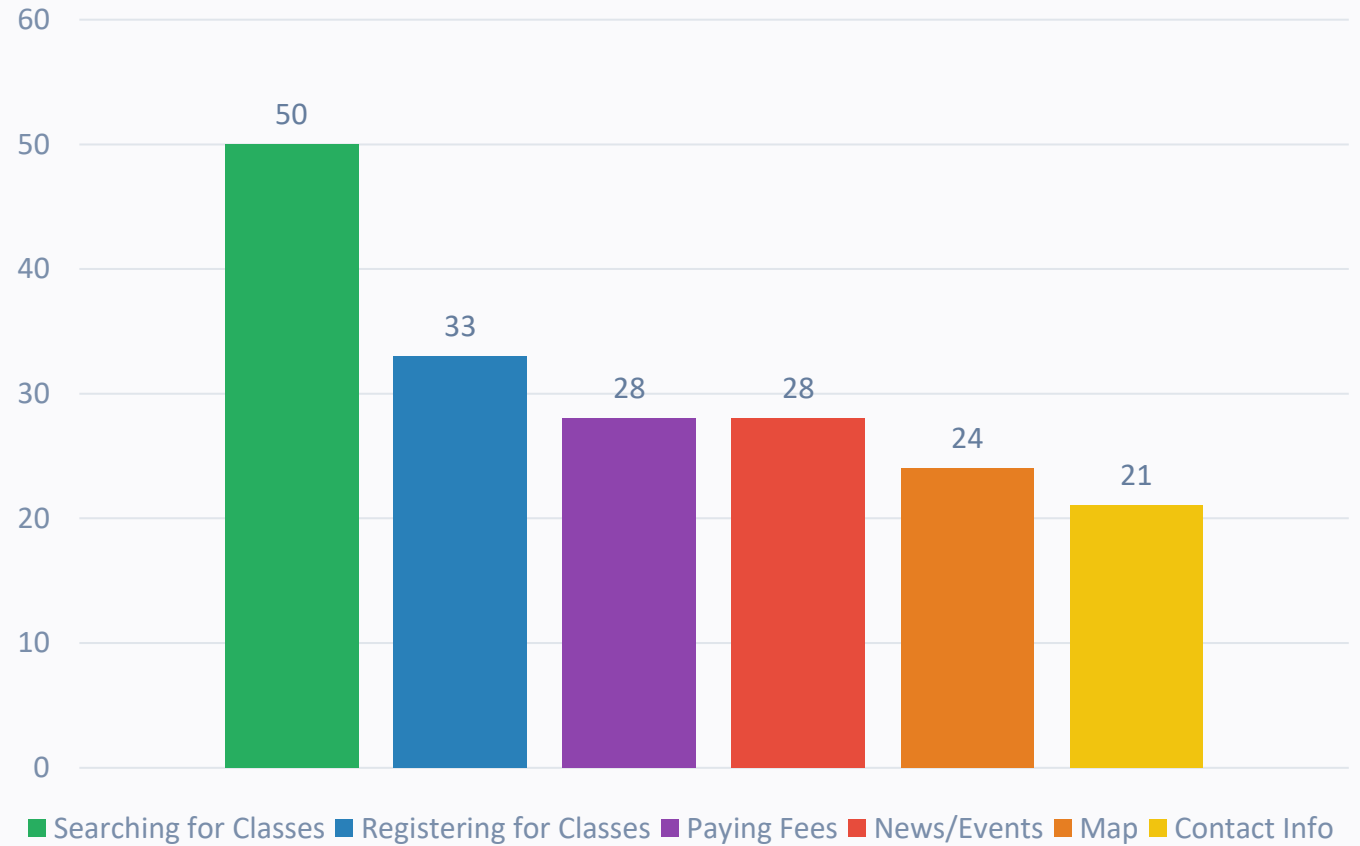
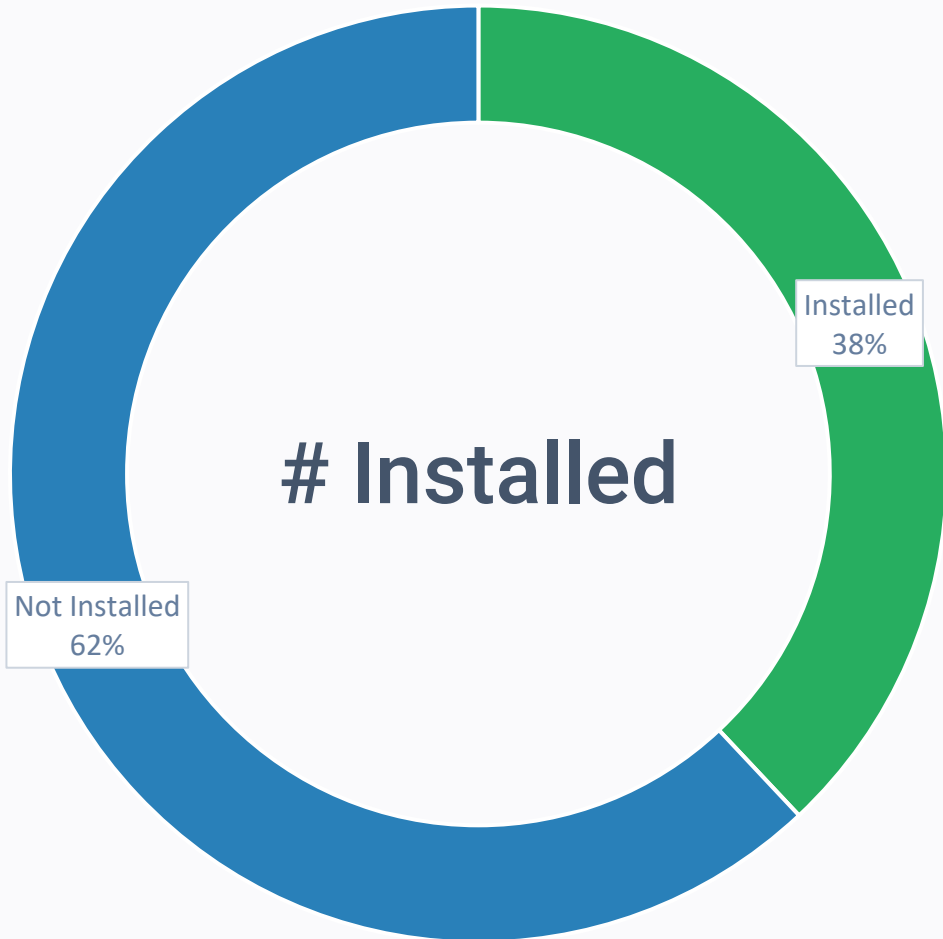
De Anza App



De Anza App



Have you installed the De Anza College app (not the Canvas app) on your mobile device?
How have you used the De Anza mobile app?

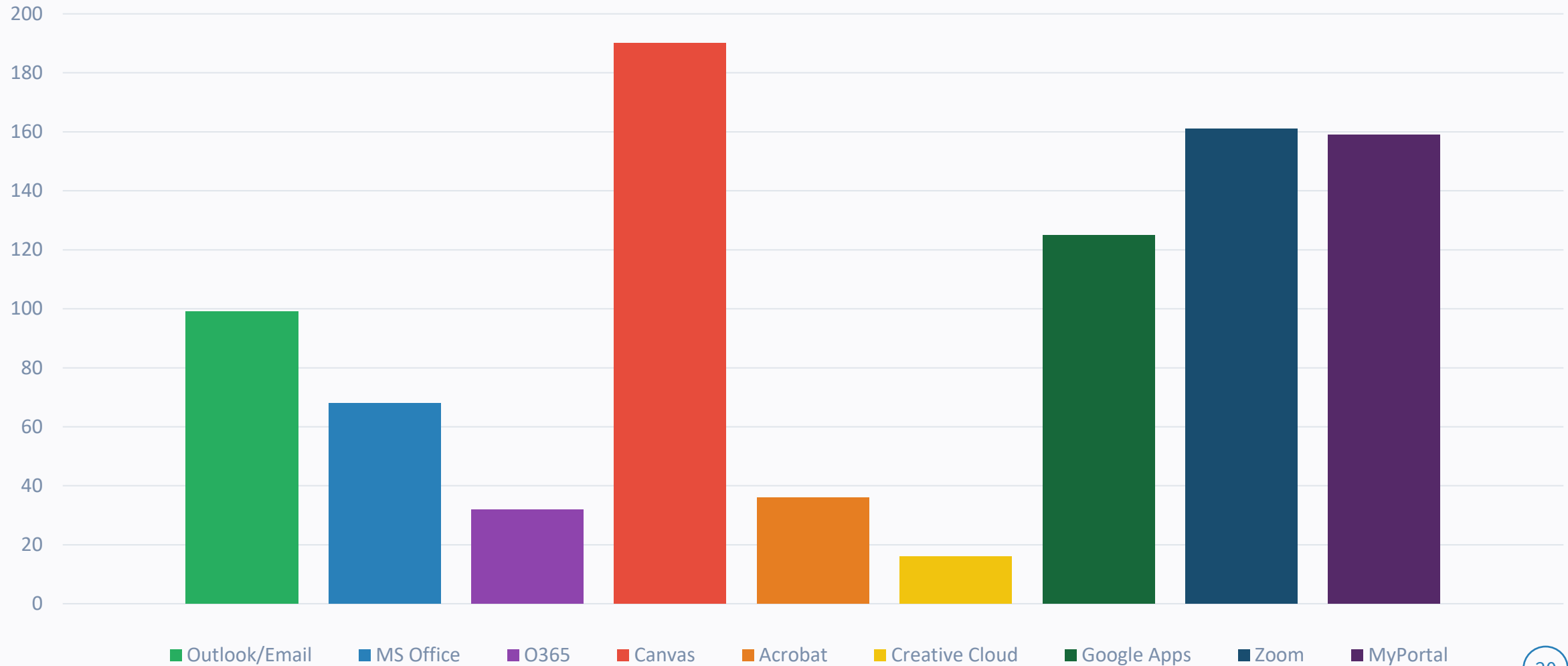


Software, Training and Tech Support



Software Tools - Students

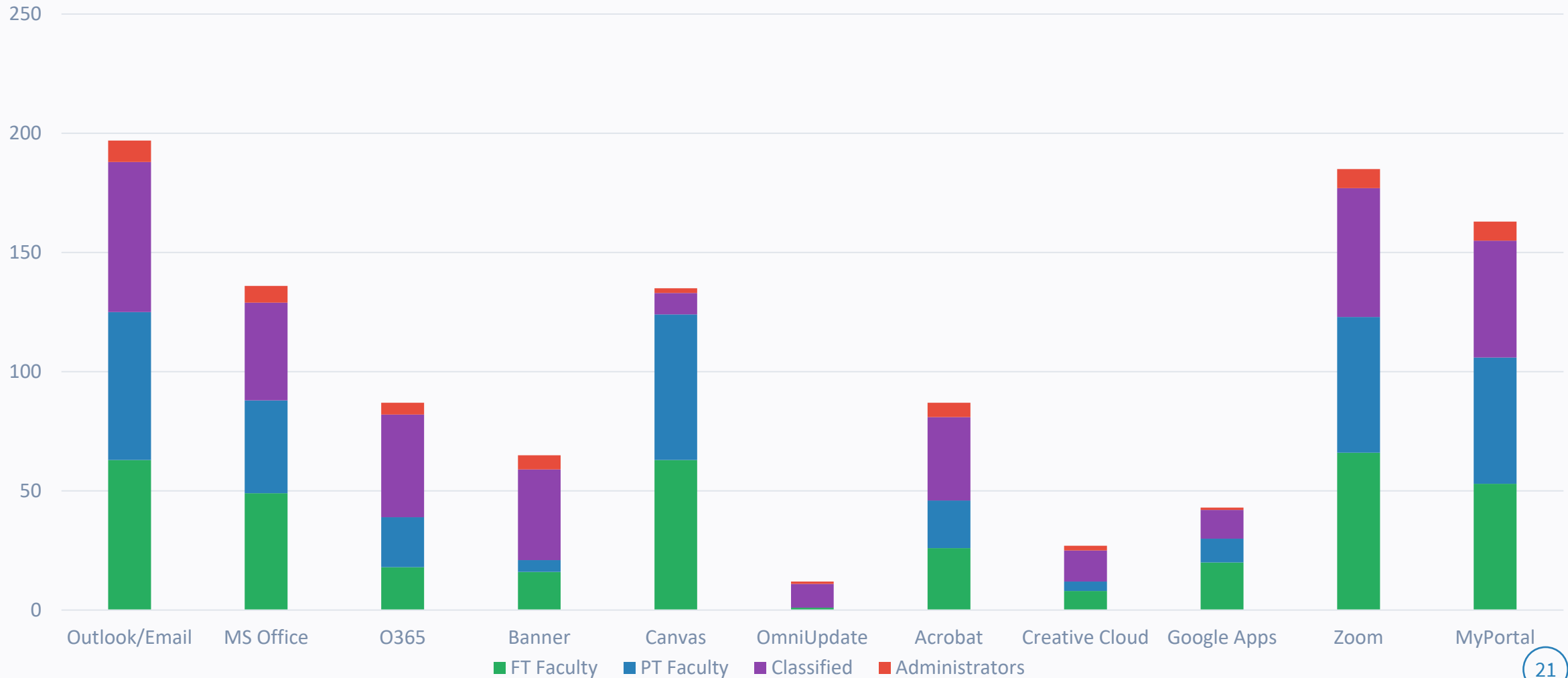
Which of the following software tools do you use most often for school? Please select up to five.





Software Tools – Faculty, Staff & Administrators

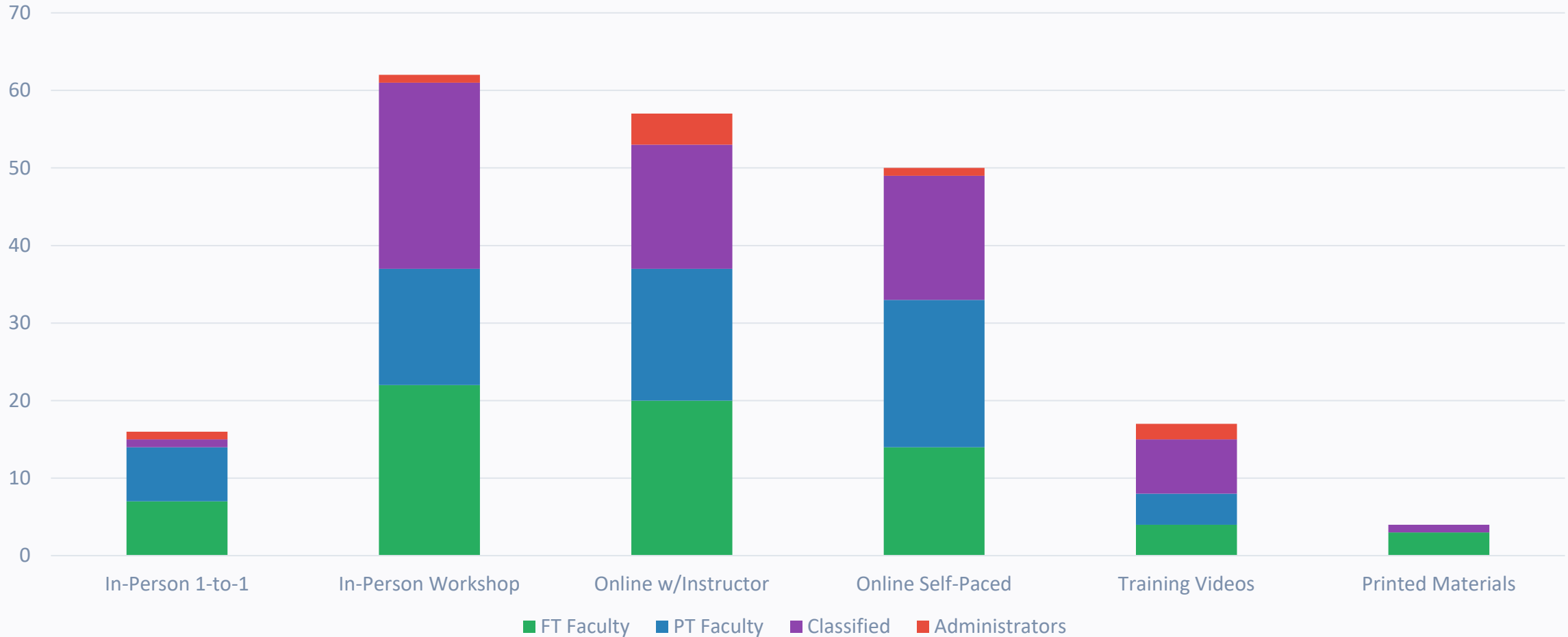
Which of the following software tools do you use most often for work? Please select up to five.



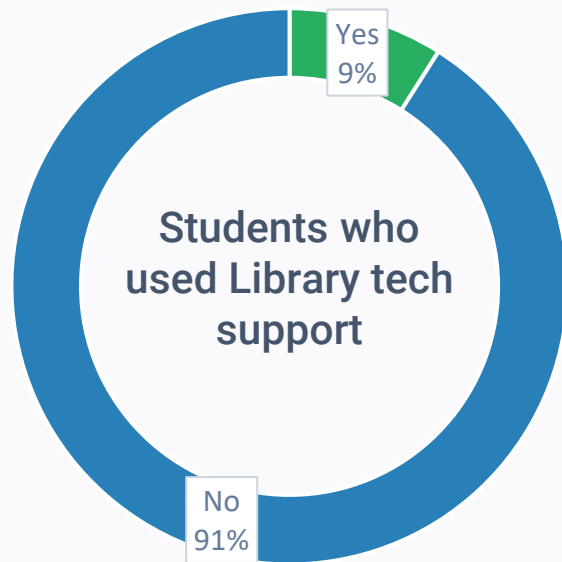
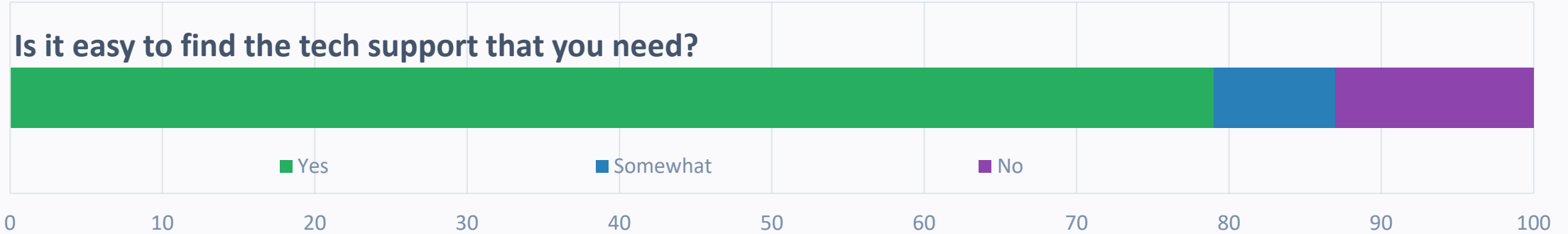


Post-pandemic Training Preferences

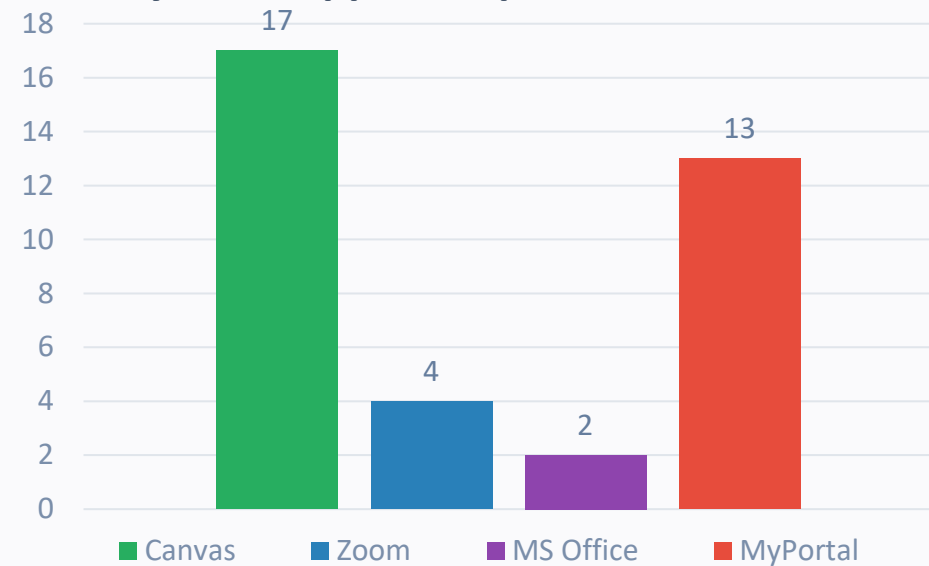
Ideally, how would you like to receive technology training when we are not sheltering at home because of the pandemic?



Tech Support

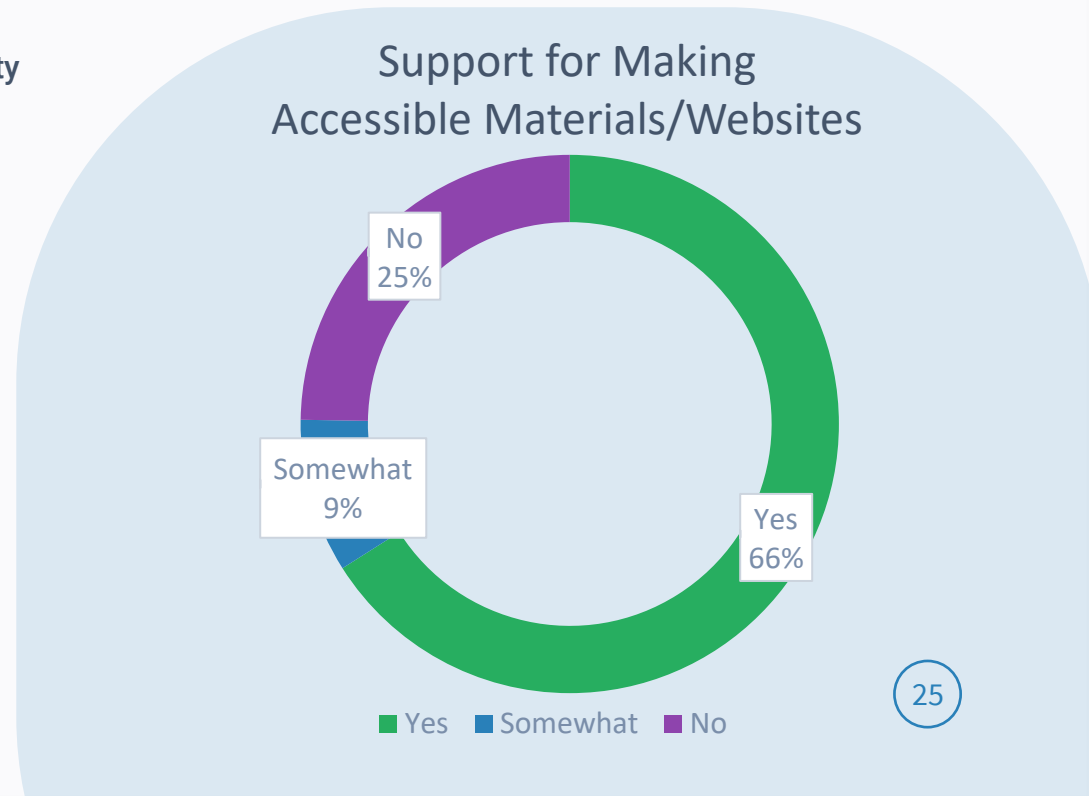
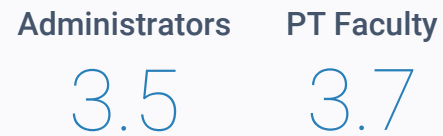
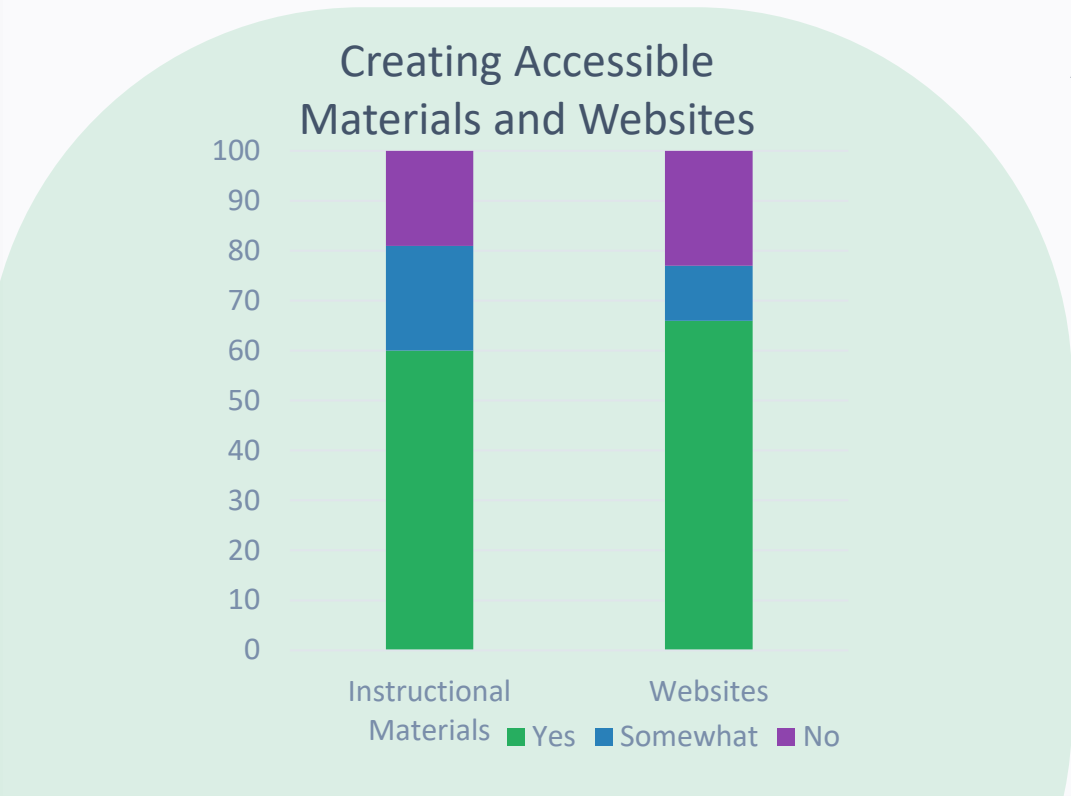
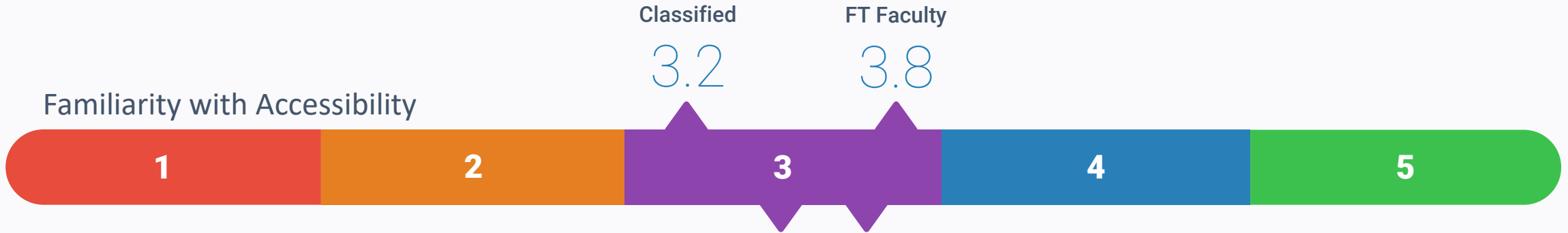


Library tech support requested



Accessibility

Accessibility



Technology Priorities

Takeaways



Student Access

Students need capable devices for online study, reliable internet, study space and easy access to online materials and Library or campus resources.



Upgraded Tech

Faculty, staff and administrators would like shorter refresh cycles for technology – providing newer devices and software, and allowing them to keep pace with current industry standards.



Training

Faculty, staff and administrators need access to robust training on many topics and technologies, to enhance their use of technology in either remote learning or in the classroom.



Campus Upgrades

Campus WIFI needs enhancement and coverage expansion. Classrooms need to be modernized and made capable of delivering an excellent experience either in-person or remotely.

Questions