

Faculty Technology Survey Summary

2012 – 2013 Academic Year

Number of Respondents: 211

To what extent is technology integrated into your classes? Please rate on a scale of one to five where one is not at all integrated and five is fully integrated.

Majority of faculty (70%) say that technology is integrated into classes.

Skills for the 21st-century include creativity and innovation, critical thinking and problem solving, research and information fluency, digital citizenship and communication and collaboration. How are you using technology to help students acquire these skills? Please select all that apply.

- High majority of faculty (78%) say they encourage students to use technology.
- There are different degrees of encouragement so this question could be over reporting.
- Majority of the faculty responding teach face-to-face on the Cocoa campus.

What is your biggest challenge to teaching students 21st-century skills?

1. the need for more time for faculty to teach themselves how to use the equipment we have and time to prepare lessons using it; computer differences/compatibility
2. students who lack motivation, have poor study skills, lack pre-requisite knowledge, and won't stay on task; diversified skill levels
3. Security codes change too frequently.
4. Faculty would like to have admin privileges to install software updates. Many computers are not up to date. IT has good reason for this policy. Perhaps this needs to be better communicated to faculty with information on how to get software updates done and how long it should take IT to accomplish
5. Computers in classrooms:
 - a. Not enough
 - b. Don't want, too distracting for students
 - c. Need a different room configuration to make teaching with technology more effective. Perhaps classroom design needs to be re-evaluated for teaching in 21st century?
6. Many faculty felt their technology skills were weak:
 - a. Need more training
 - b. Workshops need to be offered in a variety of formats (online, on demand, in-person) and at a variety of times (including Friday)
 - c. Bring in technology experts to teach appropriate skills. BCC may not have expertise in-house.
 - d. When new software is installed, faculty would like training on changes
7. NetOps:
 - a. Can this be installed on all classroom/lab computers?
 - b. How to get NetOps installed? Are their licensing issues?
 - c. Can there be training on how to effectively use software?

8. Compatibility of BCC systems: Mac vs. PC
 - a. There are no Mac devices for AcTec or IT to use, therefore can't assist faculty with their issues.
 - b. Why is BCC a PC only institution?
 - c. Does this need to be reevaluated considering the prevalence of Mac devices now?

A 21st-century classroom leverages technology to engage and empower teachers and students. Which of the following technologies do you believe are essential to a 21st-century classroom?

1. Top 5: internet connection, teacher computer devices, LCD projector, wireless internet access, and smart podium/lectern
2. Wi-Fi (or not) - faculty are divided on this
3. Ease of access to Wi-Fi, getting students logged in is time consuming
4. Updated technology (NetOps, clickers, projectors, doc cams)
5. Students are using electronic devices when they shouldn't. Perhaps there needs to be classroom management workshops for faculty?
6. Social media: can faculty use it?
 - a. Many aren't aware of the BCC Social Media Policy.
 - b. Faculty doesn't know how to appropriately use Social Media with teaching.
 - c. Training needed
7. Video Conferencing
8. Interactive white boards
9. Anonymous Response system (clickers): can NetOps be used for this? Are there free apps that could be used instead?

By your definition, do you hold any of your classes in a 21st-century classroom?

63% believe do hold their classes in a 21st Century classroom. Interesting, 8.2% do not know. Possibly, these faculty need information on what constitutes a 21st century classroom.

How important is it that you teach in a 21st-century classroom?

83% of the respondents believe it is either very important or important.

Do you feel that you are encouraged to use technology as a teaching tool in your classes?

75% say they are encouraged. Interestingly, 8.1% do not know.

How would having a technology-rich classroom/learning environment change the way you teach?

1. Faculty are not asked if there is technology they need in the classroom
2. Things break down then technology becomes useless.
3. Technology is not the key for good presentations; the professor must still have good presentation skills.
4. Some faculty can't think of teaching without using technology and others avoid it because it's distracting.

Please indicate how strongly you agree or disagree with the following statement: My campus administration understands how I use or want to use technology as a learning tool.

60% strongly agree or agree. 30% are neutral.

Please indicate how strongly you agree or disagree with the following statement: Brevard Community College is preparing students to use technology as a tool in college and/or the workforce.

69% strongly agree or agree. 25% are neutral and 12% disagree or strongly disagree.

BCC is meeting Students' technology needs

Agree:	52.4%
Neutral:	30.5%
Disagree:	17.2%

Outside of class, how do you prefer to communicate with your students? Please select your top three methods of communication.

1. Email – 93%
2. LMS Tools (Angel) – 72%
3. In Person – 49%

Interesting, that 39% still use telephone.

Does Brevard Community College provide faculty development specific to technology and classroom technology integration?

70% say yes, whereas, 17% responded that they did not know.

Are you satisfied with the technology professional development you receive?

80% report yes.

How could Brevard CC improve the technology professional development you receive?

1. Make best practices workshops available for adjuncts
2. Create webinars (short) with tips and techniques
3. Offer more online training opportunities
4. Offer workshops at times when faculty are not in class (Fridays? Evenings? Weekends?)
5. Integrate technology with discipline specific goals

How often do you integrate technology in your class?

76% report every class or most classes. 12.5% report several times throughout the semester.

How important is technology to your students' abilities to study or work on class assignments?

88% state it is very important or important. 8.5% say somewhat important.

Which of the following technologies/Internet tools do you use in conjunction with teaching (e.g. to prepare lectures or assignments, while teaching a class, to work on projects, to work with colleagues and/or students)? Please select all that apply.

Top Three:

1. Desktop Computer – 87%
2. LMS (Angel) – 79%
3. Laptop Computer – 68%

Others to note:

1. Digital content (e.g., online textbooks, downloadable books or other curricular materials in electronic form) - 60%
2. Smartphone – 31%
3. Tablet Computer – 20%

In your personal life, outside of the classroom teaching experience, what technologies do you regularly use? Please specify all that apply.

Top Three:

1. Laptop Computer – 85%
2. Desktop Computer – 77%
3. Smartphone – 70%

Others to note:

1. Digital content (e.g., online textbooks, downloadable books or other curricular materials in electronic form) - 55%
2. Social networking sites (e.g., Facebook, Twitter, LinkedIn) - 55%
3. Online text or video chat – 51%
4. iPod/MP3 player – 47%
5. Open source applications (e.g., Google Apps, OpenOffice) - 45%

What is the biggest challenge to classroom technology at BCC?

1. Faculty are not asked what they need
2. More full-time faculty is needed in the on-line classes.
3. Administration throws up roadblocks to hinder implementation of requested technology.
Budget!

What would you like to be able to do with technology in the classroom that you currently cannot?

1. Record lectures to share on Angel

2. Use clickers

How can Brevard CC improve your ability to use technology more in your classes?

1. Workshops/training at various times and locations
2. Update office and class computers
3. Allow me administrative privileges
4. Listen to what the faculty need
5. More funding

Some colleges are considering digital or online textbooks and content as an alternative to traditional print textbooks. Content is delivered via a laptop, netbook, tablet or reader device. What benefits, if any, do you see for BCC and students from such a move?

1. Students need to be allowed to retain content after the semester ends.
2. Many students still prefer a print text.
3. Price is something that needs to be considered.

What challenges do you see for BCC and students by moving to digital or online textbooks and content?

1. The college has already made its decision.
2. Faculty are divided on the issue.
3. Funding

How many years have you taught at Brevard Community College?

1. 4 – 10 Years – 40%
2. 1 – 3 Years - 20%
3. 11 – 15 Years – 18%
4. 16 – 20 Years – 13%
5. 21 – 15 Years – 6%
6. 26+ Years – 3%