

Spring 2017 Bio-Medical Electronics Faculty SLO Survey

Spring 2017 - Faculty - Bio-Medical Electronics

Q3 - What do you think your students liked best about your program?

Hands on Clinical and Internship.

Q4 - What do you think your students would like to see changed in your program?

More exposure to equipment the first year. Better training in electronics and networking.

Q5 - How many students will graduate from your program this trimester?

14

Q7 - How many graduates are able to use effective communication skills?

12

Q8 - Provide any comments you have on effective communication skills taught in this program.

Students have a chance to communicate in the clinical environment.

Q9 - How many graduates are able to apply mathematical concepts?

14

Q10 - Provide any comments you have on the application of mathematical concepts taught in this program.

Math is mostly applied by determining ratios and percentages and conversions.

Q11 - How many graduates are able to transfer social and natural science theories into practical applications?

14

Q12 - Provide any comments you have on transferring social and natural science theories into practical applications, and how it is taught in this program.

Intro course starts the process and it is enforced in all terms.

Q13 - How many graduates are able to use critical thinking skills?

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Q14 - Provide any comments you have on critical thinking skills taught in this program.

The most important skills relate to troubleshooting.

Q15 - How many graduates are able to use technology effectively?

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Q16 - Provide any comments you have on how using technology effectively is taught in this program.

Computer and clinical courses emphasize this.

Q17 - How many graduates are able to value themselves and work ethically with others in a diverse population?

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Q18 - Provide any comments you have on how valuing one's self and working ethically with others in a diverse population is taught in this program.

We start with the intro course and reinforce it every term.

Q19 - How many graduates are able to make decisions that incorporate the importance of sustainability?

14

Q20 - Provide any comments you have on how incorporating the importance of sustainability in the decisions one makes is taught in this program.

Proper recycling and materials handling is important.

Q22 - How many graduates are able to demonstrate clinical workplace ethics?

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Q23 - Provide any comments you have about teaching this program outcome.

Students are very responsive to these requirements and take them seriously.

Q24 - How many graduates are able to utilize knowledge of anatomy, physiology, and medical terminology?

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Q25 - Provide any comments you have about teaching this program outcome.

Students will be taking the course from GS in the future.

Q26 - How many graduates are able to demonstrate understanding of the machine/physiology interface?

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Q27 - Provide any comments you have about teaching this program outcome.

Students are more comfortable with equipment we have and less with equipment they just learn about.

Q28 - How many graduates are able to support others in the operation of Biomedical equipment?

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Q29 - Provide any comments you have about teaching this program outcome.

They understand the concepts and sometimes have a chance to practice it in the clinical and internship sites.

Q30 - How many graduates are able to maintain biomedical equipment using test equipment and hand tools?

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Q31 - Provide any comments you have about teaching this program outcome.

They have considerable practice during internship and clinical.

Q32 - How many graduates are able to demonstrate basic electronics skills?

14

Q33 - Provide any comments you have about teaching this program outcome.

They and host sites suggest more training in electronics.

Q34 - How many graduates are able to demonstrate a competency of computers and networks used with biomedical equipment?

14

Q35 - Provide any comments you have about teaching this program outcome.

They and host sites suggest more training in electronics.

Q36 - How many graduates are able to explain aspects of imaging systems?

14

Q37 - Provide any comments you have about teaching this program outcome.

Students have good understanding of basic modalities but would like more in person exposure.

Q39 - Consider this class of graduating students, what was most challenging for the faculty in your program?

The change from a 2 person team to a one person program. This was a group that came in with less capability as well.

Q40 - Please use this space to share any other feedback, comments, or suggestions about your experience teaching in this program this past trimester.