Spring 2016 ESIM Faculty SLO Survey

Spring 2016 - Faculty - ESIM Industrial Electronics Maintenance

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

Hands-on activities

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

Students would like to see the electrical courses blocked in a part-time, AM schedule for half-time students. We have implemented this change starting next fall.

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

7

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

7

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

Each graduate can communicate effectively in a verbal format. Their written communication skills vary dramatically, but each can produce a resume, cover letter and short technical explanations.

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

7

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

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

7

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

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

7

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

Troubleshooting (which requires critical thinking) is a major component in all technical subjects taught in the program. While graduate abilities in this area vary, all can use these skills at a base level.

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

7

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

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

5

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.

By rotating lab partners students are exposed to working with various personality types. Not all excel at this skill.

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

7

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

Q22 - How many graduates are able to evaluate and use information technology effectively?

7

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

Q24 - How many graduates are able to demonstrate a basic understanding of applied science related to mechanical drives?

7

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

Q26 - How many graduates are able to adhere to proper safety practices and procedures?

7

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

Q28 - How many graduates are able to exhibit professionalism?

7

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

They all can exhibit professionalism based on presentation assignments, but don't always display this quality.

Q30 - How many graduates are able to perform preventative maintenance?

7

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

Q32 - How many graduates are able to maintain parts and equipment inventory including service documentation?

7

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

The new tool kit organization of the new facility (T-307) provides the opportunity for responsibility in this area.

Q34 - How many graduates are able to maintain electrical and electronic devices and systems?

7

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

Q36 - How many graduates are able to maintain mechanical devices and systems?

7

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

Q38 - How many graduates are able to build or assemble electrical, electronic and mechanical hardware under the guidance of a journeyman electrician or electromechanical technician?

7

Q39 - Provide any comments you have about teaching this program outcome.

Q40 - How many graduates are able to maintain hydraulic and pneumatic systems?

7

Q41 - Provide any comments you have about teaching this program outcome.

Q43 - Consider this class of graduating students, what was most challenging for the faculty in your program?

The move into the new facility (and all that was involved) made the year challenging. Also, some of the students had great ability, but even greater immaturity.

Q44 - Please use this space to share any other feedback, comments, or suggestions about your experience teaching in this program this past trimester.

We are glad we are in the new building. However, the prep for the move and the transition over winter break was very demanding.