

# 2014 Fall Architectural Technology

## Faculty SLO Survey

*Fall 2014 - Faculty - Architectural Technology*

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

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The hands on ability to participate in real life projects and the opportunity to walk and see construction projects in progress.

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

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

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They would like to see the math and physics requirements revisited to look at other options.

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

How many students will graduate from your program this trimester?

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

How many graduates are able to use effective communication skills?

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

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Ample opportunities are provided to allow students to present their ideas before their peers and also industry representatives through regular design critiques.

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

How many graduates are able to apply mathematical concepts?

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

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

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The program is presently in the process of assessing math and physics class options to better align with Arch/Tech math used. This included sharing with the math and physics instructors a collection of the math formulas used in the program so that they have an idea of what concepts are important to your program.

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

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

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Most natural science theories are practiced with hands on experiences. Such as mixing concrete and testing it's strength, visual identification of soils, creating data sets of lighting fixtures for example. Building floor plan critiques are used regularly to discuss the psychology of movement through the a building by it's occupants.

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

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.**

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

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Critical thinking skills are expected in all of the program classes and is a cornerstone to their Capstone project.

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

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.**

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

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Extensive use of computer CAD skills and other software skills are applied.

**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.**

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This class of graduates have been very successful in their classwork ethics and diversity, moreso than some of the last group of graduates.



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

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

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As a practice, students are required to make all decisions on the design of their building projects are required to evaluate the sustainability issues that may be involved.

**Q22 - How many graduates are able to apply technical concepts in all phases of an architectural project?**

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

Provide any comments you have about teaching this program outcome.

**Q24 - How many graduates are able to apply structural principles in all phases of an architectural project?**

How many graduates are able to apply structural principles in all phases of an architectural project?

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

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**Q26 - How many graduates are able to estimate the materials and costs required to construct a building?**

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

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**Q28 - How many graduates are able to correlate significant structures with their architectural precedents?**

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

Provide any comments you have about teaching this program outcome.

**Q30 - How many graduates are able to develop architectural drawings?**

How many graduates are able to develop architectural drawings?

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

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**Q32 - How many graduates are able to incorporate MEP (Mechanical, Electrical, Plumbing) systems into architectural drawings?**

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

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**Q34 - How many graduates are able to select appropriate building materials and product specifications to be coordinated with working drawings?**

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

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**Q37 - Consider this class of graduating students, what was most challenging for the faculty in your program?**

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This class had some students who came into the program with very limited knowledge of building construction and also a very limited exposure to buildings outside of Western Wisconsin. The field trips taken were invaluable in allowing the students to begin to see real applications in a bigger perspective.

**Q38 - Please use this space to share any other feedback, comments, or suggestions about your experience teaching in this program this past trimester.**

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