



## **Student Learning Outcome Assessment**

Architectural Technology

Fall 2018

## What did you like about this program?

It was very hands on. The instructors did a great job giving us real world projects to work on.

I loved learning how to draw residential and commercial buildings. I learned a lot of valuable information from my instructors.

There were many hands-on learning experiences and tours of Downtown La Crosse that helped me relate classwork to the real world. I liked that one professor in the program, Xxxx Xxxx, was very forgiving if an assignment was not completed on time, the due dates were usually just a timeline of when you should try to get assignments done. I always felt supported by both professors and felt like I could ask any question or receive help on any software issue. I'm more of a visual learner, and there were plenty of visuals and hands-on experiences for helping myself learn.

## What would you change about this program?

If possible, more projects from real clients. The HFH and Capstone project are when I learned the most.

I would have Soft plan and Revit available in the library after hours of class. This is a library issue but the library needs to have these programs available and needs to be open on Saturdays. The weekends are meant for homework and having these software programs available in the library or a lab on the weekends would help the students success.

There were a few times where the class got taught something quickly through a presentation and then the professor, Xxxx Xxxx, would give a 20-30 point assignment. It seemed a bit too soon to have just learned something and then feeling pressured to do really well on the assignment. And then the capstone class felt rushed. Due dates were pretty close together at times. AutoCAD was a topic that I brought up before during the program to a professor and the advisor committee. I feel like I barely know AutoCAD because the program only used it for two months. It's troubling for me as I start applying for jobs because even though firms are not using AutoCAD as much, it's not totally dead yet. There's still jobs out there that only use AutoCAD and I feel like I can't apply for those positions. I sort of had a feeling this lack of learning AutoCAD longer than two months would bite me in the butt, and unfortunately it has me not feeling so confident for jobs that still do use AutoCAD. We learned Sketch Up for 15 weeks and I have yet to see a single architecture firm use Sketch UP on a regular basis. Sketch Up is quite easy to use because it was made to be user friendly for anyone. There was no need to learn Sketch Up for 15 weeks. Less than two months learning Sketch Up would have been just fine. I would have rather liked to take 15 weeks to learn AutoCAD rather than learning Sketch Up for 15 weeks.

**As a result of this program:** I have learned effective communication skills.

#	Answer	%	Count
1	Strongly Disagree	33.33%	1
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	0.00%	0
5	Strongly Agree	66.67%	2
	Total	100%	3

**Provide any comments you have on effective communication skills you learned.**

**As a result of this program:** I am able to apply mathematical concepts.

#	Answer	%	Count
1	Strongly Disagree	33.33%	1
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	33.33%	1
5	Strongly Agree	33.33%	1
	Total	100%	3

**Provide any comments you have on mathematical concepts you learned.**

**As a result of this program:** I learned how to transfer social and natural science theories into practical applications.

#	Answer	%	Count
1	Strongly Disagree	33.33%	1
2	Disagree	33.33%	1
3	Neither Agree nor Disagree	0.00%	0
4	Agree	0.00%	0
5	Strongly Agree	33.33%	1
	Total	100%	3

**Provide any comments you have on transferring social and natural science theories into practical applications.**

**As a result of this program: I learned critical thinking skills.**

#	Answer	%	Count
1	Strongly Disagree	33.33%	1
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	33.33%	1
5	Strongly Agree	33.33%	1
	Total	100%	3

**Provide any comments you have on critical thinking skills you learned.**

**As a result of this program:** I have learned to use technology effectively.

#	Answer	%	Count
1	Strongly Disagree	33.33%	1
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	0.00%	0
5	Strongly Agree	66.67%	2
	Total	100%	3

**Provide any comments you have on what you learned about using technology effectively.**

**As a result of this program:** I have learned to value myself and work ethically with others in a diverse population.

#	Answer	%	Count
1	Strongly Disagree	33.33%	1
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	0.00%	0
5	Strongly Agree	66.67%	2
	Total	100%	3

**Provide any comments you have on what you learned about valuing yourself and working ethically with others in a diverse population.**



**As a result of this program:** I am able to make decisions that incorporate the importance of sustainability.

#	Answer	%	Count
1	Strongly Disagree	33.33%	1
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	33.33%	1
5	Strongly Agree	33.33%	1
	Total	100%	3

**Provide any comments you have on what you learned about incorporating the importance of sustainability in decisions you make.**

**As a result of this program, I learned to:** develop construction documents.

#	Answer	%	Count
1	Strongly Disagree	33.33%	1
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	0.00%	0
5	Strongly Agree	66.67%	2
	Total	100%	3

**Provide any comments you have about learning this program outcome.**

**As a result of this program, I learned to: evaluate building materials.**

#	Answer	%	Count
1	Strongly Disagree	33.33%	1
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	33.33%	1
5	Strongly Agree	33.33%	1
	Total	100%	3

**Provide any comments you have about learning this program outcome.**

It got to be confusing at times understanding different building materials. I felt like there was way to much importance placed on R-values in the building science class during the first term.

**As a result of this program, I learned to:** develop building designs.

#	Answer	%	Count
1	Strongly Disagree	33.33%	1
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	0.00%	0
5	Strongly Agree	66.67%	2
	Total	100%	3

**Provide any comments you have about learning this program outcome.**

**As a result of this program, I learned to:** integrate building systems.

#	Answer	%	Count
1	Strongly Disagree	33.33%	1
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	33.33%	1
5	Strongly Agree	33.33%	1
	Total	100%	3

**Provide any comments you have about learning this program outcome.**

**As a result of this program, I learned to:** apply structural principles in all phases of an architectural project.

#	Answer	%	Count
1	Strongly Disagree	33.33%	1
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	0.00%	0
5	Strongly Agree	66.67%	2
	Total	100%	3

**Provide any comments you have about learning this program outcome.**

**As a result of this program, I learned to:** estimate the materials and costs required to construct a building.

#	Answer	%	Count
1	Strongly Disagree	33.33%	1
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	0.00%	0
5	Strongly Agree	66.67%	2
	Total	100%	3

**Provide any comments you have about learning this program outcome.**

**As a result of this program, I learned to:** correlate significant structures with their architectural precedents.

#	Answer	%	Count
1	Strongly Disagree	33.33%	1
2	Disagree	0.00%	0
3	Neither Agree nor Disagree	0.00%	0
4	Agree	33.33%	1
5	Strongly Agree	33.33%	1
	Total	100%	3

**Provide any comments you have about learning this program outcome.**



**CONCLUSION Please use this space to share any other feedback, comments, or suggestions about your experience at Western Technical College.**

It was a great experience. All the instructors were great. I learned a ton, and I am glad I decided to attend Western.

The Architectural tech program is a top notch program because the instructors and board listen to the students and continue to make it better.

I thought the program was great and I'm going to miss being in this program and all the friendships that I made within the program.