

Place an "X" next to PLOs that align to Institutional Learning Outcomes (at least two per senate policy).

<b>Institutional Learning Outcomes</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
<b>Thinking and Reasoning:</b> think critically and creatively and apply analytical and quantitative reasoning to address complex challenges and everyday problems.													X			X				
<b>Communication:</b> communicate ideas, perspectives, and values clearly and persuasively while listening openly to others.	X	X																		
<b>Diversity:</b> apply knowledge of diversity and multicultural competencies to promote equity and social justice in our communities.									X			X								
<b>Collaboration:</b> work collaboratively and respectfully as members and leaders of diverse teams and communities.									X			X								
<b>Sustainability:</b> act responsibly and sustainably at local, national, and global levels.						X												X		

## PLO's

1. -Create written communications appropriate to the construction discipline.
2. -Create oral presentations appropriate to the construction discipline.
3. -Create a construction project safety plan.
4. -Create construction project cost estimates.
5. -Create construction project schedules.
6. -Analyze professional decisions based on ethical principles.
7. -Analyze construction documents for planning and management of construction processes.
8. -Analyze methods, materials, and equipment used to construct projects.
9. -Apply construction management skills as a member of a multi-disciplinary team.
10. -Apply electronic-based technology to manage the construction process.
11. -Apply basic surveying techniques for construction layout and control.
12. -Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process.
13. -Understand construction risk management.
14. -Understand construction accounting and cost control.
15. -Understand construction quality assurance and control.
16. -Understand construction project control processes.
17. -Understand the legal implications of contract, common, and regulatory law to manage a construction project.
18. -Understand the basic principles of sustainable construction.
19. -Understand the basic principles of structural behavior.
20. -Understand the basic principles of mechanical, electrical and piping systems.