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

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<th>Institutional Learning Outcomes</th>
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<td>Thinking and Reasoning: think critically and creatively and apply analytical and quantitative reasoning to address complex challenges and everyday problems.</td>
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<td>Communication: communicate ideas, perspectives, and values clearly and persuasively while listening openly to others.</td>
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<td>Diversity: apply knowledge of diversity and multicultural competencies to promote equity and social justice in our communities.</td>
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<td>Collaboration: work collaboratively and respectfully as members and leaders of diverse teams and communities.</td>
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<td>Sustainability: act responsibly and sustainably at local, national, and global levels.</td>
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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.