

THE FIVE INSTITUTIONAL LEARNING OUTCOMES AND THEIR CORE COMPETENCIES

1. **Personal Attributes.** Acquire the self-confidence and self-discipline to pursue their intellectual curiosities with integrity in both their personal and professional lives.
 1. Self-Discipline (regular attendance, timeliness)
 2. Academic Honesty
 3. Team Work and Interpersonal Skills
 4. Self-Confidence
2. **Analytic and Communication Skills.** Obtain the knowledge and academic skills necessary to access, evaluate, and interpret ideas, images, and information critically in order to communicate effectively, reach conclusions, and solve problems.
 5. Content Knowledge (as specified by Course Objectives)
 6. Skills (laboratory techniques, CTE skills)
 7. Information Literacy (source selection)
 8. Technology Literacy
 9. Aesthetic Engagement
 10. Quantitative Reasoning
 11. Critical Thinking (drawing sound conclusions and problem solving)
 12. Oral and Written Communication Skills
3. **Applied Social Knowledge and Values.** Respect the inter-relatedness of the global environment, engage with diverse peoples, and acknowledge the significance of their daily actions relative to broader issues and events.
 13. Employs a comparative and/or global perspective
 14. Course material has contemporary significance
 15. Service Learning (community engagement)
4. **Applied Knowledge and Valuation of the Physical World.** Take responsibility for their own impact on the earth by living a sustainable and ethical life style.
 16. Scientific understanding of Earth's natural systems and cycles
 17. Understanding of human impact on the environment
 18. Service Learning (in-service to the Environment)
 19. Conceptual foundations of environmental attitudes, values, and challenges
 20. Optimize the use of resources through cost containment and sustainability analysis
5. **Authentic Engagement.** Demonstrate a level of engagement in the subject matter that enables and motivates the integration of acquired knowledge and skills beyond the classroom.
 21. Interest (enjoyment of the learning process)
 22. Valuing academic task beyond the task itself
 23. Self-efficacy/Empowerment (belief in one's capabilities to achieve a goal or an outcome)
 24. Professional relevance – application of course content to possible professional life