ACCREDITATION

PROFESSIONAL TECHNICAL

PROGRAM OUTCOMES

Engineering Technology Degree (AAS)

Engineering Technology (AAS)
1. Demonstrate an ability to communicate effectively through proper use of oral, written and engineering graphic language in both interpersonal and group/team environments. (SLO 1.1, 1.2)
2. Apply principles of mathematics and applied science, to perform technical calculations and solve technical problems of the types commonly encountered in engineering technology careers. (SLO 2.2, 5.1)
3. Apply knowledge of CADDS technology and engineering design process to solve engineering design projects. (SLO 2.3)
4. Understand and function on diverse, multi-disciplinary teams. (SLO 3.1)
5. Collaborate and cooperate in a team setting to enhance cognitive and social learning by sharing in a CAD engineering environment. (SLO 3.2)
6. Demonstrate the ability to identify, think critically, formulate, and present creative solutions to technical problems in a variety of specialty areas within the broad field of engineering technology. (SLO 4.1)
7. Use modern technical engineering techniques, skills, and technology including computing tools necessary for technical engineering/drafting practice. (SLO 5.)
8. Be able to work as an effective member of a multi-disciplinary team while committing to the quality of results and time management of assignments or design project execution. (SLO 6.2,3)
9. Understand the importance of teamwork, lifelong learning, professional, ethical and social responsibility, respect for diversity, and commitment to quality, timeliness and continuous improvement (SLO 3, and SLO 6)
10. Access, and extrapolate information, data and specifications from technical resources and standards for application on drawings, projects and reports, (SLO 5, 7.1)
11. Function effectively as technicians in related field of engineering technology (SLO 7.2)
12. Make a transition into a Bachelor of Science Degree Program in Engineering or Engineering Technology with junior level status in the receiving institution as part of the Engineering Pathway Program. (SLO 7.2)