

PROGRAM LEARNING OUTCOME (PLO)

1. Able to align the curriculum of scientific knowledge in vocational education that is relevant to the demands of global industrial development.
2. Able to plan, implement, and evaluate innovative and effective learning programs in vocational engineering education that are relevant to the development of the global industry.
3. Able to apply applied research for innovation in vocational learning methods, optimization of production process technology and mechanical engineering services that are relevant to the needs of industrial development.
4. Able to think critically, creatively, analytically, synthesis-solutive, have a high work ethic, work together, build networks, and communicate oral-written in vocational engineering field accordance with the development of global industry.
5. Have a positive, honest, disciplined, diligent, aesthetic, efficient-effective, and responsible personality.
6. Able to operate mechanical and digital-based production machines to produce workpieces and maintain and repair motorized vehicles according to standard procedures relevant to the development of the global industry.
7. Able to apply technopreneurship, service advisor, supervisor of the mechanical engineering industry relevant to the development of the global industry.
8. Able to adapt to the development of science-technology, social environment, and continuous learning throughout life.
9. Able to apply concepts and theories of economic-business, ecology, occupational health-safety and environment in designing and carrying out relevant professional work in a sustainable manner.

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1. Mampu menyelaraskan kurikulum mata diklat rumpun keilmuannya pada pendidikan kejuruan yang relevan dengan tuntutan perkembangan industri global.
2. Mampu merencanakan, menerapkan, dan mengevaluasi program pembelajaran inovatif yang efektif dan efisien pada pendidikan kejuruan teknik mesin yang relevan dengan perkembangan industri global.
3. Mampu menerapkan riset terapan untuk inovasi metode pembelajaran kejuruan, optimalisasi teknologi proses produksi dan jasa teknik mesin yang relevan dengan kebutuhan perkembangan industri.
4. Mampu berpikir kritis, kreatif, analitis, sintesis-solutif, ber-etos kerja tinggi, bekerjasama, membangun jejaring, dan berkomunikasi lisan-tulisan dalam bidang pendidikan kejuruan teknik mesin sesuai perkembangan industri global.
5. Memiliki karakter kepribadian bercirikan berpikiran positif, jujur, disiplin, rajin, estetik, efisien-efektif, dan bertanggungjawab.
6. Mampu mengoperasikan mesin-mesin produksi berbasis mekanik dan digital untuk memproduksi benda kerja dan merawat dan memperbaiki kendaraan bermotor sesuai prosedur standar yang relevan dengan perkembangan industri global.

7. Mampu menerapkan *technopreneurship*, *service advisor*, *supervisor* industri teknik mesin yang relevan dengan perkembangan industri global.
8. Mampu beradaptasi dengan perkembangan sains-teknologi, lingkungan sosial, dan belajar berkelanjutan sepanjang hayat.
9. Mampu menerapkan konsep dan teori-teori ekonomi-bisnis, ekologi, keselamatan-kesehatan kerja dan lingkungan hidup dalam merancang dan menjalankan pekerjaan profesi yang relevan secara berkelanjutan.