Program Learning Outcomes (PLO)
Electrical Engineering Education Study Program, Faculty of Engineering, Universitas Negeri Surabaya

The Undergraduate Program in Electrical Engineering Education sets the Program Learning Outcomes (PLO) for the graduates as follows:

1. Able to synchronize the curriculum of electric power and electronic engineering training in vocational education that is relevant to the demands of global industrial development (Education).
2. Able to plan, implement, and evaluate innovative and effective learning programs in vocational electrical engineering education that are relevant to the development of the global industry (Education).
3. Able to apply applied research to innovate vocational learning methods, optimize production process technology and electrical engineering services that are relevant to industry (Education).
4. Having extensive knowledge in the field of general knowledge, social, and humanities (Knowledge and understanding).
5. Able to communicate in Indonesian and English, both speaking, listening, reading, and writing (General).
6. Has a responsible character and is committed to professional ethics (General / SSC 4.6. Engineering practice and product development).
7. Having extensive knowledge of mathematics, science, and electrical engineering. Being able to solve complex problems that are typical in the electrification engineering and electronics engineering expertise program by following the rules of scientific writing (SSC2.2. Engineering analysis).
8. Can analyze the research and development of electrification engineering and electronic engineering expertise program by following the rules of scientific writing (SSC2.2. Engineering analysis).
9. Able to design series, devices, and products in the electricity expertise and electronics engineering program (SSC3.1. Engineering design).
10. Being able to become a practitioner who can apply his knowledge and skills to develop products in the electrification engineering and electronics engineering expertise program in a comprehensive manner (SSC4.1. Engineering practice and product development).
11. Having the ability to project management and business practices in entrepreneurship as a form of lifelong learning through education/training formally and informally (SSC5.3. Transferable skills).