

# INTERNATIONAL CLASS DOUBLE TRACK PROGRAM INNOVATION THROUGH THE AUSBILDUNG (WORK AND STUDY) PROGRAM IN GERMANY

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## ABSTRACT

The Faculty of Engineering, Universitas Negeri Yogyakarta (UNY), which provides engineering education, has implemented the PSG concept, starting from developing a curriculum oriented towards industrial needs, industrial practitioner lecturers to students carrying out Industrial Practices/Internships in partner industries. However, based on the 2022 FT Tracer Study Report, it is known that 36.91% of graduates stated that their learning experience was not appropriate to their current job, even though 95.46% of alumni had jobs that were in line with their scientific field/expertise in their original study program. Therefore, an education system is needed that is able to provide learning experiences that are more relevant to the world of work to support graduates' careers. Other challenges that must be faced are globalization, rapid development of industrial technology, support for PTNBH status and demands for Key Performance Indicators (IKU) set by the Ministry of Education and Culture, Research and Technology.

UNY has attempted to overcome the gap in the learning experience needs of students and alumni as well as various challenges through collaboration programs with overseas partners, namely Global Katalyst e.V. One of the collaborations with partners from Germany is for the Ausbildung (Work and Study) Program, which is stated in MoU numbers B/21/UN34/HK.06/2023 and 014/MOU/WSP/GK.IR/IND/II/2023 and PKS/MoA number B/9/UN34.15/HK.06.01/2023 and 002/GK.MOA/CR-IND/II/2023, concerning cooperation on the Ausbildung Program which will be held in Germany.

Ausbildung is an education system in Germany for Vocational College programs, Industrial Training (Job Training) as well as work (Work and Study Program), to achieve the Professional Certificate (Expert Staff/FACHKRAFT) needed to occupy a position in a job. Ausbildung is the best vocational education system in the world and has been running for more than 100 years. The Ausbildung program is held in companies that collaborate with Berufsschule (Professional Schools), for a period of 2 to 4 years in Germany. Based on the research results, it is known that (1) Yogyakarta State University has various potentials that support students to take part in the Ausbildung program in Germany. The most dominant potential is the relevance of the competencies and profiles of study program graduates; a relatively large student body, high student interest in international programs and a track record of implementing the Independent Campus program. (2) The main requirement to take part in the Ausbildung Program is a minimum of semester 5 and choosing the type of Ausbildung program that is relevant to the study program's knowledge. Meanwhile, International Classes through the Ausbildung program can start from semester 3. (3) The competency conversion/professional certification model from the results of the Ausbildung Program in Germany is through two models, namely the Independent Campus Conversion Dual Track and the International Class Dual Track Model.

Kata Kunci: *Ausbildung, Double Track, International Class*