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Paper

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The Challenges and Countermeasures of Vocational Education for Aviation Technology in Taiwan

The study addresses the challenges of vocational education for aviation technology in Taiwan and proposes several countermeasures for future development and improvement. This paper discusses the issue in three parts: present environment, encountered challenges and countermeasures.

1. Present environment of vocational education for aviation technology in Taiwan

Focusing on the vocational high schools and colleges of technology that comprise aviation engineering departments, we investigate and gather information about the cultivation goals, curricula, teaching materials, faculty, and facilities in different schools and interaction between domestic/international aviation industry and relative schools.

2. Encountered challenges of vocational education for aviation technology in Taiwan

After comparing aviation technology education in Taiwan with those in United Kingdom, United States of America and France, collecting the reflective opinions from Taiwan aviation industry, and exploring the learning attitude of students in aviation technology departments and their intention to start their careers in aviation industry before and after graduation, we identify several major problems needed to improve.

3. Countermeasures of vocational education for aviation technology in Taiwan

Regarding how the government, schools and aviation industry can cooperate and support one another to promote vocational education for aviation technology in Taiwan, this paper proposes several concrete improvement programs including international collaboration, partner-linkage and resources-sharing between schools, academy/aviation industry collaboration and governmental support.