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# Practical Educational Project for Specialized High School Students through Interdisciplinary Collaboration : Student Lounge Remodeling

This project is a case of applied education in which teachers and students from six departments—Architecture, Civil Engineering, Electrical Engineering, Electronics, Mechanical Engineering, and Automotive Engineering —collaborated to remodel an unused space on campus into a student lounge. Students conceptualized and designed the space, participated in the construction process, shared technical skills from their respective departments, and engaged in interdisciplinary education linked to core curriculum elements. Architecture is a comprehensive art that requires various technical skills and involves meticulous processes. This project presents an effective educational model that fosters future skilled professionals through interdisciplinary learning and collaborative instructions beyond departmental boundaries. During the two-month construction period, teachers and students used social media to share ideas in real time, which enabled a learning experience that transcended spatial and temporal constraints. In particular, whenever unexpected challenges arose, they worked together to find solutions, thus engaging in mutual learning. This process provided meaningful educational opportunities for teachers and students to grow as equals. Hands-on learning experiences such as this are critical for helping students become competent professionals in their future.

## Consent

**Primary author:**   KIM, Eogman (Jeonju Technical High School)

**Co-authors:**   LEE, Su-Kyeong (Jeonbuk National University);   Prof. KIM, Eun-Joo (Jeonbuk National University);   Prof. CHOI, Hyukjoon (Korea National University of Education)

**Presenter:**   KIM, Eogman (Jeonju Technical High School)

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