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AND SUSTAINABILITY

BOOK OF ABSTRACTS

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Collaborative work between Polytechnic Higher Education students: Manufacturing processes, Safety and Sustainability

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The link with the real working environment, combined with the sharing of knowledge and collaboration between students from different courses, was the basis of a teaching experience involving students from the Mechanical Technology I course unit of the Mechanical Engineering degree course and the Safety and Environment course unit of the Higher Professional Technical Course in Sustainable Technologies in Mechanics and Vehicles, at a Polytechnic Higher Education Institution in the north of Portugal. The final objective was to carry out collaborative work on metalworking processes, the safety at work related to these processes, and waste management.

Keywords: Collaborative work, mechanics, safety, environment, higher education.