

Culture Technology Program

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Introduction

In the 21st century in which value is generated through information, knowledge and culture, technology is more than a means that enhances the competitive power of a nation. It turned into a lubricant that diffuses the cultural development in the society. As digital technology became more and more sophisticated, changes are spreading out, initiating collaboration among technology, liberal arts, art and design for a new paradigm.

Culture Technology is a part of that pursuit. Culture Technology, from a narrow point of view, is a research of digital technology that supports the development of the culture industry. From a broader perspective, it could be defined as a new field of discipline that studies the crossroad of technology, liberal arts, art and design, such as media engineering, media contents technology, digital design, media art, culture & media theory. Therefore, the interdisciplinary course of Culture Technology intends to emphasize the collaboration of different disciplines and to educate, research and develop innovative technology.

Through the coalition of technology and culture, the interdisciplinary course of Culture Technology at KAIST will generate a new disciplinary system and aims at further education and research. To fulfill this objective, a curriculum that educates (1) leaders in technology and engineering with cultural and artistic knowledge and attainments in liberal arts, and (2) leaders in cultural industry and planning who have the problem-solving ability of science and technology has been organized.