

Objectives

With the needs of the national strategy and the economic development of regional information manufacturing industries, this major deeply practices the mission of cultivating virtue and nurturing talents, while promoting the all-round development of morality, intelligence, physique, aesthetics, and labor. It aims to cultivate high-quality professionals who master modern electronic technology theory, electronic information system design, and application development, as well as possess capabilities in signal processing and hardware design and programming of electronic information systems. Graduates will be able to work in fields such as information communication, electronic technology, and intelligent control, engaging in product design, process manufacturing, application development, and technical management of various electronic devices and information systems. The specific objectives for students after 5 years of graduation are as follows:

Objectives of moral cultivation: Students of the Program should have understand the current social model in China, abided by social norms, professional ethics and ethical norms in engineering practice, and actively served the country and society by considering public interests.

Objective of Mathematics and physics ability: Students of the Program should have grasped the basic knowledge of mathematics and physics and other natural sciences, laid a solid foundation for subsequent courses, and been able to use the learned knowledge to solve complex engineering problems.

Objective of professional basic ability: Students of the Program should have a wide range of basic engineering and professional knowledge, so as to lay a solid foundation for future professional course study.

Objective of professional ability: Students of the Program should have learned professional knowledge to solve complex engineering problems in the field of electronic information, gotten skills to investigate, design, analyze and propose solutions for complex engineering problems in relevant fields, been competent in the research and development, production, sales and management of electronic information system products, and possessed certain innovation awareness and innovation ability.

Objective of comprehensive quality: Students of the Program should have been provided with comprehensive knowledge conducive to career development, the ability to adapt to social development and cross-cultural international cooperation and communication skills, and developed comprehensively in morality, intelligence, physique, aesthetics and labor.

Objective of lifelong learning: Students of the Program should have tracked the development trend of related fields in electronic information, mastered state of the art knowledge and skills in this field, with the awareness of independent learning and lifelong learning, and further self-development through job training.