

Engineering Articulation Agreements

Belmont College	Kent State Tuscarawas
AAS Degree in Civil Engineering	BS in Engineering Technology, Manufacturing/Mechanical/Systems Concentration
	<p>Mechanical engineering technology is the second largest engineering technology discipline and one of the oldest engineering fields. Mechanical engineers, technologists, and technicians apply the principles of mechanics and energy to the design of machines and devices. Mechanical engineering technology is perhaps the broadest of all engineering technology disciplines. The American Society of Mechanical Engineers (ASME), which has many engineering technologists and technicians as members, is organized into 36 technical divisions.</p>
AAS Degree in Civil Engineering	BS in Engineering Technology, 2+2 Integrated Engineering Technology Concentration
	<p>The Bachelors of Science degree in the Engineering Technology Integrated concentration allows a student with two or more years of studies in a related associate's degree to acquire a background in an interdisciplinary combination from Mechanical/Manufacturing, Electrical/electronic or Computer Design, Animation and Game Design.</p>
AAS Degree in Industrial Electronics Technology	BS in Engineering Technology, Green and Alternative Energy
	<p>Energy plays a vital role, affecting all the activities that take place in our society. It plays a critical role in economic development of a region. It is the key element in the production process, and a shortage of it has a serious impact on the economy. It is a central concept in Most branches of natural science, social science and engineering, since it is essential to making things happen. It plays a crucial role in diverse processes like chemical reactions, cloud formation, functioning of cells, production of goods, transportation, etc. Fossil fuels, such as coal, oil and natural gas lay the foundation for an industrial society, but they are disappearing at an alarming rate. Present fossil fuel potential is unable to meet the growing demands of the society. Accordingly, the need to look for viable alternatives to meet this scarcity is a critical national challenge.</p> <p>The Bachelor of Science Degree in Engineering Technology on Green & Alternative Energy emphasizes the system design, generation, transmission, management and storage of various energy sources such as wind, solar power, and fuel cells. Graduates of this degree program will possess unique knowledge related to these important sustainable energy sources which when coupled with a background in</p>

	electrical/electronic or electromechanical technology, will prepare them you for an array of exciting fast emerging career opportunities.
AAS Degree in Industrial Electronics Technology	BS in Engineering Technology, Electrical/ Electronics
	Electrical and electronics engineering technology is the largest of all the engineering technology disciplines. Electrical engineers, technologists, and technicians are concerned with electrical devices and systems and with the use of electrical energy. Virtually every industry utilizes electrical and electronic equipment, every business and home requires electric power and electronic devices, so electrical engineering technologists and technicians have extensive employment opportunities. Evidence of the work they do can be seen in the microwave ovens in our homes, in the computers and communications devices used by businesses, in numerically controlled machines used by manufacturing companies, and in the early warning systems used by the federal government to ensure our national security.