

Century High School

Science, Technology, Engineering & Math Academy

Career Strands



Agriculture & Veterinary Science Strand	Engineering & other Applied Technologies Strand	Natural Sciences & Mathematics Strand
<p>Completer Programs:</p> <ul style="list-style-type: none"> • Animal and Veterinary Science (p. 39) • Horticulture (p. 40) • Landscaping Design and Construction (p. 60) • Wildlife and Natural Resources Management (p. 40) 	<p>Completer Programs:</p> <ul style="list-style-type: none"> • Auto Service Technology (p. 54) • Building Maintenance (p. 54) • Carpentry (p. 55) • Collision Repair Technology (p. 57) • Drafting (p. 57) • Electrical Construction (p. 58) • Heating, Ventilation, and Air Conditioning (p. 59) • Heavy Equipment and Truck Technology (p. 59) • Manufacturing & Machine Technology (p. 60) • Masonry (p. 61) • Welding Technology (p. 61) 	<p>Completer Programs:</p> <ul style="list-style-type: none"> • Engineering Technology • (Project Lead the Way) (p. 58) • Biomedical Science • (Project Lead the Way) (p. 39)
<p>Career Major:</p> <ul style="list-style-type: none"> • Environmental Health (p. 42) • Life Science (p. 44) 		<p>Career Majors:</p> <ul style="list-style-type: none"> • Mathematics (p. 44) • Physical Science (p. 55)
<p>Strand Courses:</p> <p>Advanced Marketing (1) Advanced Software Applications (1) Agricultural Mechanical Technology (1) Animal Care & Management (1) AP Environmental Studies (1) Aquatic Environmental Ecology (.5) Biology II (1) AP Biology (1) Business Law (1) Business Principles & Practices (1) Chemistry II (1) H Chemistry II (1) Ecology (1) Environmental Conservation (1) Equine Science (.5) Flower Design (.5) Health II (.5) Horticulture (1) (H) Human Anatomy & Physiology (1) Introduction to Agriscience & Technology (1) Issues (.5) Landscaping (.5) Landscaping Design & Construction I (3) Landscaping Design & Construction II (3) Leadership Development (.5) Living with Biotechnology (.5) Marketing (1) Public Speaking (.5) Science Research I (1) Science Research II (1) H Science Research I (1) H Science Research II (1) Sociology (.5) H Spanish III (1) H Spanish IV (1) AP Spanish (1) Terrestrial Environmental Ecology (.5) Veterinary Science (1) Wildlife Management (.5)</p>	<p>Strand Courses:</p> <p>Electronics (1) Manufacturing and Construction (1) Power, Energy, & Transportation Technology (1) Auto Service Technology I (3) Auto Service Technology II (3) Building Maintenance I (3) Building Maintenance II (3) Carpentry I (3) Carpentry II (3) Collision Repair I (3) Collision Repair II (3) Drafting I (3) Drafting II (3) Electrical Construction I (3) Electrical Construction II (3) Heating, Ventilation, & Air Conditioning I (3) Heating, Ventilation, & Air Conditioning II (3) Heavy Equipment & Truck Technology I (3) Heavy Equipment & Truck Technology II (3) Manufacturing & Machine Technologies I (3) Manufacturing & Machine Technologies II (3) Masonry I (3) Masonry II (3) Technical Drawing & CADD (1) Technical Support & Networking I (3) Technical Support & Networking II (3) Welding Technology I (3) Welding Technology II (3)</p>	<p>Strand Courses:</p> <p>Aquatic Environmental Science (.5) H Bio Medical Research (1) H Pre-Calculus (1) H Calculus (1) AP Calculus AB (1) AP Calculus BC (1) Chemistry II (1) H Chemistry II (1) AP Chemistry (1) Computer Integrated Manufacturing (1) Digital Electronics (1) Earth and Space Science (.5) H Earth and Space Science (.5) H Engineering Design and Development (1) H German III (1) H German IV (1) AP German (1) H Human Body Systems (1) Introduction to Engineering Design (1) Material Science (.5) H Medical Intervention (1) AP Physics (1) H Principles of Engineering (1) Principles of BioMed Sciences (1) Probability and Statistics (.5) AP Probability and Statistics (1) Science Lab Aide (.5 or 1) (H) Science Research I (1) (H) Science Research II (1) Terrestrial Environmental Science (.5) Trigonometry & Pre-Calc (1) H Trigonometry & Pre-Calc (1)</p>