

PLTW PRINCIPLES OF ENGINEERING (ONE FULL WEIGHTED QUALITY POINT)	TP127X0	1
CREDIT		
Prerequisite: None		
In this foundation Project Lead the Way (PLTW) Pathway to Engineering (PTE) course, students survey engineering and are exposed to major concepts they will encounter in a postsecondary engineering course of study. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, documenting their work and communicating solutions to peers and members of the professional community. Art, English language arts, mathematics and science are reinforced. Work-based learning strategies appropriate for this course include mentorship, school-based enterprise, service learning, and job shadowing. Apprenticeship and cooperative education are not available for this course. Technology Student Association (TSA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.		
PRINCIPLES OF FAMILY AND HUMAN SERVICES**	FC112X0	1
CREDIT		
Prerequisite: None		
Students learn core functions of the human services field; individual, family, and community systems; and life literacy skills for human development. Emphasis is placed on professional skills, human ecology, diversity, analyzing community issues, and life management skills. Activities engage students in exploring various helping professions, while building essential life skills they can apply in their own lives to achieve optimal wellbeing. English/language arts, social studies, mathematics, science, technology, interpersonal relationships are reinforced. Work-based learning strategies appropriate for this course include service learning and job shadowing. Family, Career and Community Leaders of America (FCCLA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.		
MODERN DANCE - BEGINNING	51152X0A	1
CREDIT		
This course introduces students to movement and choreography through the elements of modern dance. Students will use whole body movements, strength, flexibility, endurance, and proper alignment to develop dance technique. Students will use dance to explore concepts in world history and relate them to significant events, ideas, and movements from a global context. Students will use appropriate behaviors and etiquette while observing, creating and performing dance. Dance attire is required and will be determined by the teacher. Participation in class, after-school rehearsals, and performances is expected.		
FUTURE DECISIONS IN SCIENCE	30202X0K	1
CREDIT		
Prerequisite(s): Earth Science		
This course exams the limitation of the earth's resources and then reviews details our current human footprint. Skills are reinforced in the engineering design process, computer programming, data analysis, and technical communication as they relate to environmental labs and field studies. The capstone project in this course challenges students to apply what they have learned to design a water conservation program for their own school buildings and grounds.		
AGRISCIENCE APPLICATIONS	AU102X0	1
CREDIT		
Prerequisite: None		
This course focuses on integrating biological/physical sciences with technology as related to the environment, natural resources, food production, science, and agribusiness. Topics of instruction include agricultural awareness and literacy, employability skills and introduction to all aspects of the total agricultural industry. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course are apprenticeship, cooperative education, mentorship, school-based enterprise, service learning, job shadowing, and supervised agricultural experience. FFA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.		
HORTICULTURE II*	AP422X0	1
CREDIT		
Prerequisite: Horticulture I		
This course covers instruction that expands scientific knowledge and skills to include more advanced scientific computations and communication skills needed in the horticulture industry. Topics include greenhouse plant production and management, bedding plant production, watering systems, light effects, basic landscape design, installation and maintenance, lawn and turf grass management, and personal development. English language arts, mathematics, and science are reinforced. Work-based learning strategies appropriate for this course are apprenticeship, cooperative education, entrepreneurship, internship, mentorship, school-based enterprise, service learning, job shadowing, and supervised agricultural experience. FFA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences.		

BUSINESS MANAGEMENT (HONORS)*	BB405X0	1
CREDIT (HN)		
Prerequisite: BF10 Principles of Business and Finance		
Recommended for Grades 10-12		
In addition to the standard course requirements for Business Management, this Honors-level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently and has a history of high academic achievement. Honors credit will be awarded to students that successfully complete an Honors portfolio for the course that consists of college/career-themed projects and assessments.		
SPORTS AND ENTERTAINMENT MARKETING II (HONORS)*	MH325X0	1
CREDIT (HN)		
Prerequisite: MH31 Sports and Entertainment Marketing I		
In addition to the standard course requirements for Sports and Entertainment Marketing II, this Honors-level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently and has a history of high academic achievement. Honors credit will be awarded to students that successfully complete an Honors portfolio for the course that consists of college/career-themed projects and assessments.		
INTERIOR APPLICATIONS (HONORS)	FI535X0	1
CREDIT (HN)		
Prerequisite: Interior Design II		
In addition to standard course requirements Interior Applications, this honors level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently and has a history of high academic achievement. Students will be expected to take and pass the appropriate industry certification exam associated with the course, if available.		
BIOMEDICAL TECHNOLOGY II (HONORS)	HB125X0	1
CREDIT (HN)		
Prerequisite: Biomedical Technology I		
In addition to the standard course requirements of Biomedical Technology II, this honors level course extends the standard course of study to a more challenging level for the student who is highly motivated, able to work independently and has a history of high academic achievement. Students will be expected to take and pass the appropriate industry certification exam associated with the course, if available.		
AP COMPUTER SCIENCE PRINCIPLES	0A027X0	1
CREDIT (AP)		
Prerequisite: None		
This course is an introduction to the principles of computer science, including the history, social implications, and future of computing and how computing empowers discovery and progress in other fields. The relevance of computing to the student and society will be emphasized. Students will learn the joy of programming a computer using a friendly, graphical language, and will complete a substantial team programming project related to their interests. Students that successfully complete this course will earn AP credits.		
SCULPTURE/CERAMICS – VISUAL ART SPECIALIZATION (PROFICIENT)	54635X0B	1
CREDIT (HN)		
Recommended prerequisite(s): Visual Arts – Beginning Sculpture/Ceramics or portfolio		
Students expand their knowledge and technical abilities in three-dimensional design through the medium of clay (hand building and/or wheel) and other sculptural materials (plaster, wood, wire, paper mache, etc.). All types of construction, glaze formulation, and firing techniques are explored. Form and shape are stressed using materials appropriate to sculpting. Success at the honors level requires rigorous study, excellence in design and production, and extensive knowledge of a variety of art forms.		
ADVANCED PLACEMENT STUDIO ART – DRAWING	5A047X0	1
CREDIT (AP)		
TECHNICAL THEATRE - THEATRE ARTS SPECIALIZATION (BEGINNING)	53612X0A	1
CREDIT		
Students explore the various aspects of design and production for theatre. Areas of study may include scenery, lighting, sound, makeup, properties, costumes, and stage management.		