

R. Dan Nolan Middle School

Curriculum Guide

2026-2027

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ELA-English Language Arts

Course Name: Intensive Reading
Course Number: 1000010
Grade(s): 6-8
Course Description: This course is to provide instruction that enables students to receive enhanced instruction of reading and contextual skills to successfully engage in grade level text independently. Students who earn a Level 1 or 2 on the ELA state assessment may be required to receive enhanced instruction through this intensive reading class.

Course Name: M/J Language Arts 1
Course Number: 1001010
Grade(s): 6
Course Description: This course is to provide grade 6 students, integrated language arts study in reading, writing, speaking, listening, and language using texts of appropriate complexity, for 7th grade preparation and readiness.

Course Name: M/J Language Arts 1 Advanced
Course Number: 1001020
Grade(s): 6
Course Description: This course is to provide grade 6 students, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness. ***3 or higher on ELA FSA***

Course Name: M/J Language Arts 2
Course Number: 1001040
Grade(s): 7
Course Description: This course is to provide grade 7 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

Course Name: M/J Language Arts 2 Advanced
Course Number: 1001050
Grade(s): 7
Course Description: This course is to provide grade 7 students, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness. ***3 or higher on ELA FSA***

Course Name: M/J Language Arts 3
Course Number: 1001070
Grade(s): 8
Course Description: This course is to provide grade 8 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

Course Name: M/J Pre-AP English 1 (HIGH SCHOOL CREDIT)
Course Number: 1001320
Grade(s): 8

Course Description: The Pre-AP English areas of focus are vertically aligned to the practices embedded in high school and college English courses, including AP. This gives students multiple opportunities to prioritize and strengthen key literacy skills throughout their course of study.

- **Reading closely:** Students read closely and analyze a range of complex literary and informational texts.
- **Valuing evidence:** Students evaluate textual evidence and incorporate it effectively in writing and speaking.
- **Noticing language choices:** Students understand how writers and speakers use specific words and sentences to move the thoughts, emotions, and actions of readers and listeners.

This course prepares the student for future, complex endeavors in Advanced Placement or Dual Enrollment courses. ***Prerequisite: 4 or above on the ELA FSA***

Math

Course Name: Foundational Skills Math
Course Number: 1204000
Grade(s): 6-8
Course Description: This course is to provide instruction that enables students to receive enhanced practice in mathematical foundations to successfully achieve math proficiency. Students who earn a Level 1 or 2 on the Math state assessment may be required to receive enhanced instruction through this intensive math class.

Course Name: M/J Mathematics
Course Number: 1205010
Grade(s): 6
Course Description: This course covers the operations with whole numbers, decimals and fractions, exponents, ratio and proportion, basic geometry, estimation, data display, standard and metric measurement, and the use of variables.

Course Name: M/J Accelerated Mathematics
Course Number: 1205020
Grade(s): 6
Course Description:
This course goes beyond the standard 6th grade course by including operations with integers, negative exponents, several types of percent problems and multi-step equations in one variable. ***3 or above on the Mathematics FSA***.

Course Name: M/J Mathematics
Course Number: 1205040
Grade(s): 6th & 7th
Course Description: This course covers a variety of general math topics from core curriculum, including basic statistics, number theory, algebraic reasoning, proportional reasoning, percentages, probability and basic geometry. 6th Grade students taking this class (Pre-Algebra Success/7th Mathematics)

Course Name: M/J Accelerated Mathematics
Course Number: 1205050
Grade(s): 6 & 7
Course Description: This course is primarily a Pre-Algebra course that prepares students for high school levels Honors Algebra in 7th and 8th grade. This course has a strong emphasis on the use of variables in equations and inequalities, operations with integers, number relationships, number theory, patterns and functions, basic geometry and problem-solving strategies. ***Must have taken 6th Accelerated Mathematics in 5th grade and maintained high grades and 4 or 5 on the Mathematics FSA.***

Course Name: M/J Mathematics Pre-Algebra
Course Number: 1205070
Grade(s): 7 & 8
Course Description: This course is primarily designed to prepare students to take Algebra I in high school. This course has a strong emphasis on the use of variables in equations and expressions and focuses on operations

with integers and fractions. Basic geometric concepts are taught with an emphasis on algebraic thinking. In addition, the course covers word-problem solving strategies, probability and data analysis. ***Students who are not successful in Algebra 1 Honors will be placed in this class at the semester.***

C**ourse Name: Research 1 (Algebra Success)**
Course Number: 1700000
Grade(s): 8
Course Description: Covers topics necessary to assist students in the successful completion of high school Algebra. Students will receive parallel support and instruction designed to reinforce, develop, practice and individualize the basic skills and objectives on standards being covered in their core Algebra. This course will enhance lifelong mathematical foundations in Algebra. ***Students needing additional support in Algebra 1 Honors will be placed in this course as an elective.***

Course Name: Algebra 1 Honors (HIGH SCHOOL CREDIT)
Course Number: 1200320
Grade(s): 7-8
Course Description: This course meets the high school credit requirements. Emphasis is on algebraic solutions to complex word problems, including functions and systems of equations, polynomials, irrational numbers and quadratic equations. Students are required to take the same cumulative semester exams and EOC that are given in high school. ***6th & 7th graders: 4 or above on the Mathematics FSA, scored a stanine of 8 or 9 on the Iowa Algebra Prognosis Test, complete the district developed summer assignment if there is one and have either teacher recommendation or 3.5 GPA in 6th grade Accelerated Mathematics and 7th grade Accelerated Mathematics. 8th graders: 3 or above on the Mathematics FSA***.

Course Name: Geometry Honors (HIGH SCHOOL CREDIT)
Course Number: 1206320
Grade(s): 8
Course Description: This is a high school course. The primary objective is to teach students how to reason mathematically through visualization, analysis and deductive reasoning. Proficiency will geometric skills is developed and applied to the understanding of geometric concepts. Topics include angle measurements and relationships, parallel line relationships, properties of polygons and solids, congruent triangles, similarity, right triangle trigonometry, circles, constructions, area, volume and coordinate geometry. Emphasis is on logic and proofs. A variety of applications and general problem-solving techniques, including algebra skills, are required. ***C or above in Algebra 1 Honors and a passing score on Algebra I EOC.***

Science

Course Name: M/J Science 1
Course Number: 2002040
Grade(s): 6
Course Description: This course is to provide laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. Learners should understand measurement error and have the skills to aggregate, interpret, and present the resulting data.

Course Name: M/J Science 1 Advanced
Course Number: 2002050
Grade(s): 6
Course Description: This course is to provide laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. Learners should understand measurement error and have the skills to aggregate, interpret, and present the resulting data. Advanced students may have additional projects and/or homework. ***3 or above on the FSA.***

Course Name: M/J Science 2
Course Number: 2002070
Grade(s): 7
Course Description: This course is to provide laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. Learners should understand measurement error and have the skills to aggregate, interpret, and present the resulting data.

Course Name: M/J Science 2 Advanced
Course Number: 2002080
Grade(s): 7
Course Description: This course is to provide laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. Learners should understand measurement error and have the skills to aggregate, interpret, and present the resulting data. Advanced students may have additional projects and/or homework. ***3 or above on the FSA.***

Course Name: M/J Science 3
Course Number: 2002100
Grade(s): 8
Course Description: This course is to provide laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. Learners should understand measurement error and have the skills to aggregate, interpret, and present the resulting data.

Course Name: M/J Science 3 Advanced
Course Number: 2002110
Grade(s): 8
Course Description: This course is to provide laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. Learners should understand measurement error and have the skills to aggregate, interpret, and present the resulting data. Advanced students may have additional projects and/or homework. ***3 or above on the FSA.***

Social Studies

Course Name: M/J World History
Course Number: 2109010
Grade(s): 6
Course Description: The primary content for this course pertains to the world's earliest civilizations to the ancient and classical civilizations of Africa, Asia, and Europe. Students will be exposed to the multiple dynamics of world history including economics, geography, politics, and religion/philosophy. Students will study methods of historical inquiry and primary and secondary historical documents.

Course Name: M/J World History Advanced
Course Number: 2109020
Grade(s): 6
Course Description: The primary content for this course pertains to the world's earliest civilizations to the ancient and classical civilizations of Africa, Asia, and Europe. Students will be exposed to the multiple dynamics of world history including economics, geography, politics, and religion/philosophy. Students will study methods of historical inquiry and primary and secondary historical documents. ***3 or above on the FSA.***

Course Name: M/J Civics & Career Planning Advanced
Course Number: 2106026
Grade(s): 7 & 8
Course Description: The primary content for the course pertains to the principles, functions, and organization of government; the origins of the American political system; the roles, rights, responsibilities of United States citizens; and methods of active participation in our political system. The course is embedded with strong geographic and economic components to support civic education instruction. Advanced students will complete research-based projects with appropriate rigor. ***3 or above on the FSA.***

Course Name: M/J US History & Career Planning Advanced
Course Number: 2100025
Grade(s): 7 & 8
Course Description: Primary content emphasis for this course pertains to the study of American history from the Exploration and Colonization period to the Reconstruction Period following the Civil War. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history.

Course Name: M/J PRE-AP World History and Geography (HIGH SCHOOL CREDIT)
Course Number: 2109415
Grade(s): 8
Course Description: The Pre-AP World History and Geography areas of focus prioritize the skills fundamental to the study of history and geography in high school, AP, and beyond. This gives students multiple opportunities to think and work like historians and geographers as they develop and strengthen these disciplinary reasoning skills throughout their education in history and the social sciences.
This course prepares the student for future, complex endeavors in Advanced Placement or Dual Enrollment courses. ***Prerequisite: 4 or above on the ELA FSA***

<u>Electives</u>

Course Name: Spanish 1 (HIGH SCHOOL CREDIT)
Course Number: 0708340
Grade(s): 7-8
Course Description: The purpose of this course is to introduce students to the Spanish language and its culture and to develop communicative skills and cross-cultural understanding. The content will include beginning skills in listening and speaking with special attention to pronunciation. An introduction to reading and writing will be included, as well as the fundamentals of grammar and culture. High School Course.
Prerequisite: Level 4 or above on the ELA FSA or teacher recommendations and 3.0 GPA on the previous year's ELA course.

Course Name: Spanish 2 (HIGH SCHOOL CREDIT)
Course Number: 0708350
Grade(s): 8
Course Description: The course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in Spanish 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language-speaking people is continued. High School Course. ***Prerequisite: Level 4 or above on the ELA FSA or teacher recommendations and 3.0 GPA on the previous year's ELA course.***

Course Name: Physical Education
Course Number: 1508000 (6th Grade), 1508070 (7th Grade), and 1508050 (8th Grade)
Grade(s) 6-8
Course Description: The purpose of this course is to provide students with the knowledge, skills, and values they need to become healthy and physically active for a lifetime. This course addresses both the health and skill-related components of physical fitness which are critical for students' success.

Course Name: Band 1
Course Number: 1302000
Grade: 6
Course Description: Students with little or no instrumental experience develop foundational instrumental technique, foundational music literacy, and aesthetic musical awareness through rehearsal, performance, and study of high-quality band literature. Instrumentalists work on the fundamentals of music notation, sound production, instrument care and maintenance, and personal and group rehearsal strategies.

Course Name: Orchestra 1
Course Number: 1302040
Grade: 6
Course Description: Students who have little or no experience on violin, viola, cello, bass, or harp explore high-quality music literature written or transcribed for string orchestra. Study includes the development of foundational instrumental ensemble techniques, performance skills, music literacy, and aesthetic awareness. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

Course Name: Band 2 Symphonic Blue/Band 3 Symphonic Silver / Band 4 Wind
Course Number: 1302010/1302020/1302030
*****8th grade students Band 3 Course Number: 1302120 or Instrumental Ensemble 2 1302120**
Band 4 Course Number: 1302130 or Instrumental Ensemble 3 1302130
Grade(s): 7-8
Course Description: Students with previous band experience build on instrumental technique, music literacy, and aesthetic response through rehearsal, performance, and study of a variety of high-quality band literature. Instrumentalists expand their knowledge of music notation, music theory, sound production, and personal and group rehearsal strategies. This band will perform at both the winter and spring concerts.

Course Name: Chorus 1
Course Number: 1303000
Grade: 6
Course Description: Students with little or no choral experience develop beginning vocal technique and skills, critical and creative thinking skills, and an appreciation of music from around the world and through time.

Course Name: Chorus 2
Course Number: 1303010
Grade(s): 7
Course Description: Students build on previous choral experience to expand vocal, technical, musical, and ensemble skills through rehearsal, performance, and study of high-quality choral literature. Singers focus on increasing knowledge of music theory, music literacy, and aesthetic response. There will be some outside performance in this class. Students must have a desire to sing and participate in school concerts.

Course Name: Chorus 3
Course Number: 1303020
Grade(s): 8
Course Description: Students build on previous choral experience to expand vocal, technical, musical, and ensemble skills through rehearsal, performance, and study of high-quality choral literature. Singers focus on increasing knowledge of music theory, music literacy, and aesthetic response. There will be some outside performance in this class. Students must have a desire to sing and participate in school concerts.

Course Name: Vocal Ensemble 1 & 2
Course Number: 1303100 /1303110
Grade(s): 7
Course Description: Students with previous vocal ensemble experience continue to build musicianship and performance skills through the study, rehearsal, and performance of high-quality ensemble literature in a variety of styles. Student musicians learn to self-assess and collaborate as they study relevant musical styles

and time periods. Students are selected by audition and/or recommendation. There are outside performances, including community, school, the Florida Vocal Association music performance assessments and solo/ensemble. ***Audition may be required***

Course Name: M/J Vocal Techniques 1 & 2
Course Number: 1303070
Grade(s): 8
Course Description: Students will develop musicianship, technical proficiency, and performance skills. Musicians will focus on development of skills and techniques through scales, etudes, and solo literature. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performance outside the school day to support, extend, and assess learning in the classroom.

Course Name: 2D Studio Art 1
Course Number: 0101010
Grade(s): 6
Course Description: The purpose of this course is to provide experiences necessary for an awareness, appreciation, and production of works of art with an emphasis on two-dimensional art. Students explore media and techniques used to create a variety of 2-D artworks through developing skills in drawing, painting, printmaking, and collage. Students practice, sketch, and manipulate the structural elements of art. Investigation of artworks from Western and non-Western cultures provide a means for students to expand their understanding and appreciation of the role of art in global culture. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials.

Course Name: 2D Studio Art 2
Course Number: 0101020
Grade(s): 7
Course Description: The purpose of this course is to provide experiences necessary for an awareness, appreciation, and production of works of art with an emphasis on two-dimensional art. Students refine techniques used to create a variety of two- dimensional (2-D) artworks through developing skills in drawing, painting, printmaking, and collage. Students manipulate the structural elements of art to promote creative risk-taking in 2-D artwork. Investigation of artworks from Western and non-Western cultures provides a means for students to expand their understanding and appreciation of the role of art in global culture. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials.

Course Name: 2D Studio Art 2 Career Planning (Advanced Art)
Course Number: 0101025
Course Grade(s): 7
Course Description: Students refine techniques used to create a variety of two-dimensional (2-D) artworks through developing skills in drawing, painting, printmaking, and collage. Students manipulate the structural elements of art with increasing independence to promote creative risk-taking in 2-D artwork. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. In tandem with their learning opportunities in 3-D Studio Art, they investigate careers in a wide variety of fields, including the visual and performing arts. This course incorporates hands-on activities and consumption of art materials. ***Prerequisite required.***

Course Name: 2D Studio Art 3
Course Number: 0101026
Grade(s): 8
Course Description: The purpose of this course is to provide experiences necessary for an appreciation and production of works of art with an emphasis on two-dimensional art. Students extend to an advanced level of techniques used to create a variety of 2-D artworks through developing skills in drawing, painting, printmaking, and collage. Students proficiently manipulate the structural elements of art with increasing independence to promote creative risk-taking in 2-D artwork. Investigation of artworks from Western and non-Western cultures provide a means for students to expand their understanding and appreciation of the role of art in global culture. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials.

Course Name: Creative Photography 1 (YEARBOOK)
Course Number: 0102040
Grade(s): 7-8
Course Description: This course may include, but is not limited to, color and/or black and white photography via digital media and/or traditional photography. This class is a primarily student-run class in which students plan and design the yearbook. Students are responsible for interviewing, writing and editing copy, taking pictures, and designing pages. Strong writing and/or Photoshop skills are required***. APPLICATION REQUIRED***

Course Name: Introduction to Agriscience
Course Number: 8100120
Grade(s): 6
Course Description: The agricultural program is a fun hands-on course that offers an opportunity for students to learn about the endless possibilities in the world of agriculture. Students will be exposed to the many areas of agriculture such as wildlife, aquaculture, small animals, career explorations, dairy products, greenhouse plant management, landscaping, beef cattle, leadership, and food safety. Eligible for FFA.

Course Name: Orientation to Agriscience
Course Number: 8100310
Grade(s): 7
Course Description: Students will have an expanded opportunity to work closely with the land lab and several different types of small animals. This course also allows students to compete in local, state and national competitions. Exploration of the many careers in agriculture are explored and experienced in a fun and challenging way. Eligible for FFA.

Course Name: Fundamentals of Agriculture Services
Course Number: 8021400
Grade(s): 7
Course Description: Students will begin to make informed decisions regarding their future academic and occupational goals and to provide information regarding careers in Agriculture, and Food and Natural Resources. Instructions and learning activities are provided in a laboratory setting using hands-on experiences with equipment, materials and technology along with industry fieldtrips. Eligible for FFA.

Course Name: Fundamentals of Agriculture Systems
Course Number: 8021300
Grade(s): 8
Course Description: Building on the years of agriculture, students in this class will participate in the Future Farmers of America (FFA) and meet the requirements for participation in this organization, including competitions and academics. The ability to work independently is necessary. Eligible for FFA.

Course Name: Agriscience Foundations 1 (HIGH SCHOOL CREDIT)
Course Number: 8106810
Grade(s): 8
Course Description: This is a high school course. This course is designed to develop competencies in the areas of agricultural history and the global impact of agriculture; career opportunities; scientific and research concepts; biological and physical science principles; environmental principles; agriscience safety; principles of leadership; and agribusiness, employability, and human relations skills in agriscience. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment. ***This is a High School course***. ***Industry Certification may be offered***. ***Agriculture teacher approval is required.*** Eligible for FFA.

Course Name: Orientation to Career Clusters
Course Number: 8000400
Grade(s): 6
Course Description: This course provides a pathway to careers in multiple career clusters, including technology and Digital Literacy skills. Students will have an opportunity to test in Microsoft tools (IC3), including digital literacy, operating systems, office applications, networking basics, electronic communication and Internet. ***Industry Certification may be offered.***

Course Name: Introduction to Business/Introduction to Business and Career Planning (FBLA)
Course Number: 8370350 & 8370360
Grade(s): 7 & 8
Course Description: The purpose of this course is to assist students in making informed decisions regarding their future academic and occupation goals and to provide information regarding the Business Management and Administration career cluster. Included in this course is an introduction to keyboarding, word processing, electronic presentation, computer hardware, internet and business skills. ***Industry Certification may be offered.***

Course Name: Computer Applications in Business 2
Course Number: 8200210
Grade(s): 7
Course Description: This is an exploratory course designed to provide instruction in computer hardware, Internet, soft skills for business applications, fundamental techniques in graphics and photo editing software. The content includes learning how to create professional-looking graphics for web or print with industry standard graphical software. ***Industry Certification may be offered (Adobe Certified Associate/Photoshop).***

Course Name: Computer Applications in Business 3
Course Number: 8200211
Grade(s): 8
Course Description: This is an intermediate course designed to provide instruction in keyboarding, computer hardware, Internet, vector design graphics, and soft skills for business applications. The content includes learning how to create professional-looking graphics for web or print with industry standard vector graphics software. ***Industry Certification may be offered (Adobe Certified Associate/Illustrator).***

Course Name: Introduction to Health Science Career Pathways
Course Number: 8709350
Grade(s): 6
Course Description: The purpose of this class is to introduce the student to Health Science Professions in the five pathways which include Therapeutic Services, Diagnostic Services, Health Informatics, Support Services and Biotechnology. Students will learn basic medical terminology, explore a variety of careers, identify

common characteristics of the professions, identify skills required to enter the professions and participate in labs. Guest speakers are part of the course and field trips when possible.

Course Name: Orientation to Health Science Professions
Course Number: 8400110
Grade(s): 7
Course Description: The purpose of this class is to study health science professions by recognizing progress in health care service, demonstrating an awareness of health science professions and related employability skills, learning medical terminology and other communication skills including medical math, principles of wellness and disease, perform basic health care skills, demonstrate occupational safety skills and participate in labs. Guest speakers are a part of the course and field trips when possible.

Course Name: Exploration of Health Science Professions
Course Number: 8400310
Grade(s): 8
Course Description: The purpose of this class is to explore health science professions and make informed decisions regarding their future academic and career goals, and to provide information regarding careers in the Health Science cluster. The course includes an introduction to medical ethics, consumerism, and characteristics of health care workers, community health agencies, and job requirements. Students have hands on opportunities to utilize skills taught. Guest speakers are part of the course and field trips when possible**.**

Course Name: Introduction to Health Science Career Pathways and Career Planning
Course Number: 8709360
Grade(s): 7
Course Description: The purpose of this class is to learn leadership and teambuilding skills, work on service projects aligned with International HOSA, utilize required skills and technologies associated with each pathway in the Health Science career cluster with an emphasis in career planning through competitive projects.
Application and teacher approval are required due to the nature and travel in this course.

Course Name: Exploration of Health Professions and Career Planning
Course Number: 8400210
Grade(s): 8
Course Description: The purpose of this class is to learn leadership and teambuilding skills, work on service projects aligned with International HOSA, utilize required skills and technologies associated with each pathway in the Health Science career cluster with an emphasis in career planning through competitive projects.
Application and teacher approval are required due to the nature and travel in this course.

Course Name: Medical Skills and Services (HIGH SCHOOL CREDIT)
Course Number: 8400320
Grade(s): 8
Course Description: This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and professions in the Health Science Career cluster including technical skills proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher order reasoning and problem solving skills, work attitudes, general employability skills, and knowledge of all aspects of the Health Sciences. Students will earn one high school elective credit for successful course completion. Guest speakers and field trips will be a part of this course when possible. ***Preapproval Required. High School Credit Course***

Course Name: Introduction to Technology
Course Number: 8600010
Grade(s): 6
Course Description: The purpose of this course is to give students an introduction to the areas of technology and to introduce students to the design and problem-solving processes using manipulative skills while working cooperatively with others in team activities.

Course Name: Exploring Technology
Course Number: 8600020
Grade(s): 7
Course Description: The purpose of this course is to give students an opportunity to explore the areas of technology and associated careers available in technical fields. Students will be given the opportunity to solve technological problems while gaining an understanding of the effects of technology on our everyday lives.

Course Name: Exploration of Production Technology
Course Number: 8600040
Grade(s): 8
Course Description: The purpose of this course is to give students an opportunity to explore the area of production technology and its associated careers. Students will be given the opportunity to solve technological problems using a variety of tools, materials, processes and systems while gaining an understanding of the effects of production technology on our everyday lives.

Course Name: Exploring Technology and Career Planning (TSA)
Course Number: 8600220
Grade(s): 7
Course Description: The purpose of this course is to give students an opportunity to explore the areas of technology and associated careers available in technical fields. Students will be given the opportunity to solve technological problems while gaining an understanding of the effects of technology on our everyday lives. ***Prerequisite required.***

Course Name: Exploring of Production Technology and Career Planning (TSA Tech Lab)
Course Number: 8600042
Grade(s): 8
Course Description: The purpose of this course is to give students an opportunity to explore the area of production technology and its associated careers. Students will be given the opportunity to solve technological problems using a variety of tools, materials, processes and systems while gaining an understanding of the effects of production technology on our everyday lives. ***Prerequisite required. Teacher Approval***

Course Name: Library Skills/Information Literacy (Media Aide)
Course Number: 1100000
Grade(s): 7-8
Course Description: The purpose of this course is to enable students to develop the skills to create presentation projects (including the utilization of various software programs for the production of multimedia) and an understanding of technology, including library software, to interact and collaborate with peers.

Course Name: Journalism 1 (News Crew)
Course Number: 1006000
Grade(s): 7
Course Description:
The purpose of this course is to enable students to develop fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to become aware of journalism history, careers, ethics use, and management techniques related to the production of journalistic media.

Course Name: Journalism 2 (News Crew)
Course Number: 1006010
Grade(s): 8
Course Description:
The purpose of this course is to enable students to continue to develop fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to become aware of journalism history, careers, ethics use, and management techniques related to the production of journalistic media.

Course Name: Critical Thinking/Research (Animatronics/Film Production/News)
Course Number: 6th Grade 1700010, 7th Grade 1700100/8th Grade 1700020
Grade(s): 6, 7, 8
Course Description: The purpose of this course is to introduce students to the basics of movie making from preproduction to postproduction. Using Animatronics will be a major part of this class. Students will have the opportunity to use real filming equipment from studio lighting, advanced audio equipment, mirrorless cameras, gimbles, drones, and film editing software. Students will also compete in film festivals and join in our award-winning film production team. News films for the student news will be created.