

INFORMATION

This catalog provides information to assist students in selecting classes for the successful completion of middle/high school. The course offerings section provides a list and description of middle school courses taught in the district, although not every course is offered at each middle school. The ninth grade offerings are separate from the tenth, eleventh, and twelfth grade offerings because ninth grade credits are earned in the middle school.

7th and 8th Grade Requirements

- Language Arts
- Integrated Science
- Utah Studies/ US History
- Mathematics
- Physical Education/ Healthy Lifestyles
- Art/Music
- TLC
- Other Electives as Determined

Graduation Requirements

To graduate from a Jordan School District high school, a student must:

- Earn the minimum number of credits designated by the high school a student attends. **In Jordan School District, credit requirements range from 24 to 27 credits, depending upon the scheduling system of each high school.**
- Meet attendance requirements as designated by the high school.
- Demonstrate minimum competency by passing reading, writing, and mathematics competency tests.

Course and Credit Requirements

Credit is awarded on the basis on a student's participation, mastery of subject matter, and/or attainment of skills. Credit is granted for courses taken in the 9-12 grades.

The Utah State Office of Education Administrative Rule 277-700 specifies "the minimum core curriculum" in addition, the Jordan District Board of Education requires all students to complete the following courses and credits for high school graduation:

Requirements through Graduation Class of 2005	Requirements Starting with Graduating Class of 2006
Language Arts 4.0	Language Arts 4.0
Social Studies 3.0	Social Studies 3.5
1.0 Geography For Life	1.0 Geography for Life
1.0 World Civilizations	1.0 World Civilizations
1.0 U.S. History	1.0 U.S. History
	.50 U.S. Government & Citizenship (12 th grade)
Mathematics 2.0	Mathematics 2.0
<u>Minimum</u>	<u>Minimum</u>
1.0 Elementary Alg. or Applied Math 1	1.0 Elementary Alg. or Applied Math 1
1.0 Geometry or Applied Math 2	1.0 Geometry or Applied Math 2
Science..... 2.0	Science 2.0
Credit from 2 of the 4 core science areas: earth, biological, chemistry, physics	Credit from 2 of the 4 core science areas: earth, biological, chemistry, physics
Healthy Lifestyles 2.0	Healthy Lifestyles 2.0
.5 Health Education	.5 Health Education
.5 Participation, Skills, & Techniques.....	.5 Participation, Skills, & Techniques
5 Lifetime Fitness	.5 Lifetime Fitness
.5 Elective P.E. /2 seasons of team sport/ athletic participation	.5 Elective P.E. / 2 seasons of team athletic participation
Fine Arts 1.5	Fine Arts 1.5
Applied Technology..... 1.0	Applied Technology 1.0
Information Technology 0.5	Information Technology 0.5
Any approved computer class or State - approved exam	Computer Technology class or State- approved exam
Elective Credits 8 to 11	Elective Credits 7.5 to 10.5
*CREDIT TOTAL 24 to 27	*CREDIT TOTAL 24 to 27

MIDDLE SCHOOL COURSE DESCRIPTIONS

ART

Fees may be required for Art Courses

		GRADE		CREDIT
# 1026 ART FOUNDATIONS 1	(A)	7, 8, 9		.5-1.0
This class is designed to provide an overview of Visual Arts while studying a broad variety of art tools and materials. With an emphasis on studio production, this course is designed to develop higher-level thinking, art related technology skills, art criticism, art history, and aesthetics. A material fee may be required.				
# 1027 ART FOUNDATIONS 2	(A, E)	8, 9		.5-1.0
Prerequisite: ART FOUNDATIONS 1 This class is designed to provide an overview and introduction to Visual Arts through studying a variety of art tools and materials. This course builds on Foundation 1 with a more in-depth experience with fewer art forms. With an emphasis on studio production, this course is designed to develop higher-level thinking, art-related technology skill, art criticism, art history, and aesthetics.				
# 1029 CERAMICS 1	(A)	8, 9		.5
A course for beginning art students with an emphasis in basic ceramic techniques including hand building, wheel throwing, glazing, and firing.				
# 1044 DRAWING 1	(A)	8, 9		.5
A course which covers a variety of basic techniques and media with an emphasis on contour line, perspective vertical line, and numerous shading techniques. Students review current and past artists through a slide and lecture series.				

MUSIC

An instrument use fee may be required for Music Courses

# 1302 ORCHESTRA 1	(A)	7, 8, 9		.5-1.0
For students who would like to learn to play a violin, viola, cello, or string bass. No experience necessary, one-half hour daily practice required. Violas, cellos, basses may be rented from the school at a nominal fee.				
# 1303 ORCHESTRA 2	(A)	7, 8, 9		.5-1.0
An intermediate-level, orchestra class which will study and perform intermediate-level literature for orchestra. Rehearsals and performances outside of class time are part of the course requirement and will constitute a portion of the grade. Teacher approval required.				
# 1304 ORCHESTRA 3	(A)	7, 8, 9		.5-1.0
An advanced-level, orchestra class which will study and perform advanced-level literature for orchestra. Rehearsals and performances outside of class time are part of the course requirement and will constitute a portion of the grade. Teacher approval required.				
# 1306 BAND 1 WOODWINDS	(A)	7, 8, 9		.5-1.0
A beginning band class offered for students who wish to learn the saxophone, flute, or clarinet.				
# 1307 BAND 1 BRASS	(A)	7, 8, 9		.5-1.0
A beginning class offered for students who wish to learn the cornet, trumpet, euphonium horn, trombone, or tuba.				

1325 CHOIR 1 MIXED (A) 7, 8, 9 .5-1.0

This class is open to all students. Emphasis will be placed on quality vocal production, part singing, and music reading skills. Rehearsals and performances outside of class time are part of the course requirement and will constitute a portion of the grade.

1332 CHOIR 1 TENOR/BASS (A) 7, 8, 9 1.0

A non-select group open to students who sing in the tenor/bass vocal range. Two, three, and four-part music will be performed at various concerts. Primary consideration will be given to part singing, good vocal production, and the rudiments of music. Rehearsals and performances outside class time are part of this course and will constitute a portion of the grade.

1333 CHOIR 1 SOPRANO/ALTO (A) 7, 8, 9 1.0

A non-select group open to students who sing in the alto/soprano vocal range. Two, three, and four-part music will be performed at various concerts. Primary consideration will be given to part-singing, good vocal production, and the rudiments of music. Rehearsals and performances outside class time are part of this course and will constitute a portion of the grade.

1334 CHOIR 2 MIXED (A) 7, 8, 9 .5-1.0

A vocal music course open to all students which covers three and four-part music and a review of singing fundamentals. Approval of the instructor may be required. Rehearsals and performances outside of class time are part of the course requirement and constitute a portion of the grade.

FINE ARTS CHART

**7-8
BASIC CORE
1.0 Unit Required**

**9-12
CORE OPTIONS
1.5 Units Required**

(SIS CODE: AO)

DANCE (SIS CODE: AD)
DANCE 1
_____ .5 unit* _____

and/or:

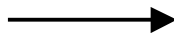
Music (SIS CODE: AM)
.5 unit*
selected from
MUSIC CONNECTIONS
CHORUS
BAND
ORCHESTRA

and/or:

THEATRE (SIS CODE: AT)
ART FOUNDATIONS 1
_____ .5 unit* _____

and/or:

VISUAL ARTS (SIS CODE: AV)
ART FOUNDATIONS 1
_____ .5 unit* _____



DANCE
Dance Levels 1-VI .5 unit each
Dance Company 1.0 unit each

MUSIC
Guitar, Music Aesthetics, and Music Composition .5 unit each
Chorus, Band, Orchestra 1.0 unit

THEATRE
Foundations 1-IV .5 unit each

VISUAL ARTS
Art Foundations II, Drawing, Painting, Ceramics, Sculpture, Jewelry, FilmMaking, Art History, 3D Design, Photography, Print Making, Commercial Art and Electronic Media .5 unit each

*A student who plans to specialize in dance, music, theatre, or visual arts, as indicated on the SEOP, may fulfill the 7th and 8th grade arts requirements with 1.0 credit in one art form. This will require administrative approval on an individual basis.

SCIENCE

3051 INTEGRATED SCIENCE 8 (PS, BS, ES) 8 1.0

Eighth Grade Integrated Science focuses on the theme of “change”. Physical, earth, and life sciences content are integrated in a core curriculum. The standards to be taught relate to observations of chemical and physical change, changes in biological energy, forces, energy and motion, constructing machines, and changes in the Earth’s crust and climate.

Science Chart

Students must take two science core courses.
One should come from each of two of the possible four areas of science core.

UTAH STATE SCIENCE

SCIENCE CORE CURRICULUM

<p>EARTH SCIENCE (ES) EARTH SYSTEM (9TH) AP ENVIRONMENTAL SCIENCE</p>	<p>PHYSICS (PS) PHYSICS PHYSICS-PRINCIPLES OF TECH AP PHYSICS</p>
<p>BIOLOGICAL SCIENCE (BS) BIOLOGY BIOLOGY-AG SCI & TECHNOLOGY HUMAN BIOLOGY AP BIOLOGY</p>	<p>CHEMISTRY (CS) CHEMISTRY AP CHEMISTRY</p>

WORLD LANGUAGES

French, German, Spanish

4100 FRENCH 1 (E) 8, 9 1.0

A course designed to teach elementary skills in listening, speaking, reading, and spelling. Beginning vocabulary covers: classroom and school subjects, foods, clothing, telling time, reading the calendar, talking about weather and seasons, modes of transportation, and common locations. An appreciation of the culture of the countries where the language is spoken is also developed.

4101 FRENCH 2 (E) 9 1.0

Prerequisite: FRENCH 1

A course designed to teach intermediate skills in listening, speaking, reading, and writing including further development of vocabulary for dining, traveling, shopping, personal feelings, and activities. In addition, an appreciation of the culture of the countries where the language is spoken is further developed.

4120 GERMAN 1 (E) 8, 9 1.0
A course designed to teach elementary skills in listening, speaking, reading, and spelling. Beginning vocabulary covers: classroom and school subjects, foods, clothing, telling time, reading the calendar, talking about weather and seasons, modes of transportation, and common locations. An appreciation of the culture of the countries where the language is spoken is also developed.

4180 SPANISH 1 (E) 8, 9 1.0
A course designed to teach elementary skills in listening, speaking, reading, and spelling. Beginning vocabulary covers: classroom and school subjects, foods, clothing, telling time, reading the calendar, talking about weather and seasons, modes of transportation, and common locations. An appreciation of the culture of the countries where the language is spoken is also developed.

LANGUAGE ARTS

Language Arts, Reading, Journalism, Creative Writing

4521 READING 8 (LA) 8 1.0
This is an eighth grade course emphasizing reading comprehension, basic vocabulary and improving reading skills. Comprehension skills will include literal, interpretive, critical and creative comprehension. Basic vocabulary will be covered in literature-related words, word relationship and word parts. Other targeted areas of reading skills will focus on researching, organizing, learning, and study skills. These goals will be accomplished through using various literary selections.

4524 LANGUAGE ARTS 8 (LA) 8 1.0
This course is for students who are at grade level in reading and writing skills. The focus is on reading comprehension strategies, composition, listening, speaking, and viewing skills. Emphasis is placed on the processes, skills, and strategies for effective communication. Students will have a variety of opportunities to read and write.

4525 LANGUAGE ARTS 8 H (LA) 8 1.0
Prerequisite: Teacher approval
This accelerated course is for students who demonstrate reading and writing skills well above grade level. It includes in-depth work in reading, composition, and interpreting various kinds of literature. Short stories, novels, drama, biographies, autobiographies, and poetry will be covered. The course also incorporates listening and observing skills as they relate to the understanding of media, propaganda, and journalism.

1640 SPEECH 1 (E) 8, 9 .5-1.0
A non-competitive class which teaches the fundamentals of effective speeches, oral communication, delivery, voice gestures, and articulation. The course also covers interpersonal communication and group discussion techniques.

MATHEMATICS

(Refer to the chart for the sequence of courses, following this section.)

HIGH SCHOOL GRADUATION REQUIREMENTS FOR MATHEMATICS

1.0 units of credit:

A minimum of Elementary Algebra or Applied Mathematics I AND Geometry or Applied Mathematics II. Any advanced mathematics courses in the sequence, beyond those stated here, also count for the 2.0 units of mathematics credit for graduation.

5031 PRE-ALGEBRA (APPLIED) (M) 8 1.0
Applied Pre-Algebra is provided as an intervention for students requiring additional experience in developing conceptual understanding and building mathematical skills. This course meets the needs of students who need a stronger abase in algebra before moving on in their mathematical studies. Students in these classes experience a hands-on approach to the same core concepts taught in regular pre-algebra. The activities meet the needs of students with a variety of learning styles. The major emphasis is to acquire the ability to understand and apply mathematics to solve problems in the world using pre-algebra skills and concepts

5030 PRE-ALGEBRA (M) 7, 8 1.0
Pre-Algebra is a bridge between arithmetic and algebra. This course reviews the rational number system with application to the basic concepts of algebra. Students will move from simple numerical skills to more advanced operations that require working with fractions, positive and negative numbers, measurements, and variables. Patterns and functions, solving and graphing linear equations, probability, and data analysis are core concepts. Simple operations with polynomials and the laws of exponents will also be studied.

5110 ELEMENTARY ALGEBRA (M) 7, 8, 9 1.0
Prerequisite: Mastery of Pre-algebra
Students in Elementary Algebra will learn algebra as a style of thinking for formalizing patterns, functions, and generalizations. In this course, students will expand previously learned quantitative rational number relationships to include the irrational numbers. The focus will be on proficiency in recognizing and working effectively with linear relationships and their corresponding representations in tables, graphs, and equations; such proficiency includes competence in solving linear equations, generating equivalent expressions, using formulas, and applying proportionality. To develop proficiency in symbolic and graphical representations, students will use physical models, visual models, and technology. While mathematical skills will be developed, teaching will focus on the understanding of concepts in-depth enabling students to apply mathematical skills and make meaningful connections to life's experiences.

5120 GEOMETRY (M) 8, 9 1.0
Prerequisite: Elementary Algebra
Students in Geometry study Euclid's postulates and theorems as the basis for an axiomatic system. Students will explore geometry through inductive and deductive processes, technology, constructions, manipulatives, and algebraic connections. Topics of investigation include logic, angle and line relationships, triangles and other polygons, congruence, and similarity. Students also study coordinate geometry. Trigonometric ratios of sine, cosine, and tangent are used to solve triangle problems. Students will use area, volume, geometric probability, and geometric relationships to solve real-life problems. While mathematical skills will be developed, teaching will focus on the understanding of concepts in-depth, enabling students to apply mathematical skills and make meaningful connections to life's experiences.

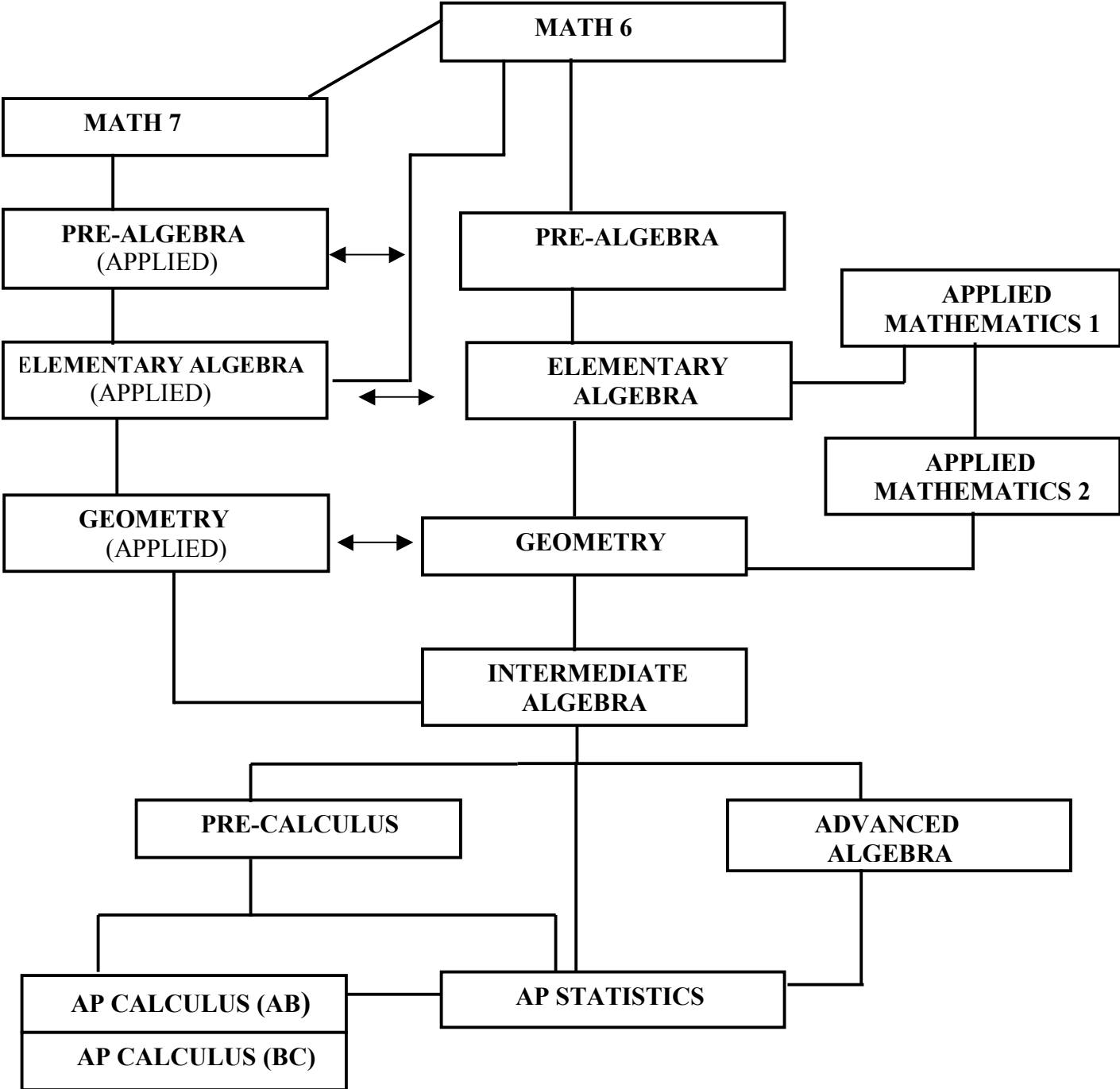
Mathematics Course

Sequences and Prerequisites

HIGH SCHOOL GRADUATION REQUIREMENTS FOR MATHEMATICS

2.0 units of credit:

A Minimum of Elementary Algebra or Applied Mathematics I AND Geometry or Applied Mathematics II. Any advanced mathematics courses in the sequence, beyond those stated here, also count for the 2.0 units of mathematics credit for graduation.



COMPUTER SCIENCE

5602 COMPUTER SCIENCE 1 (E) 8, 9 .5-1.0

Prerequisite: Keyboarding 1 (strongly suggested)

This course is for students with no computer background. Knowledge of computer development and operation will be taught. Word processing, database, spreadsheet, programming, and graphic skills will be introduced.

SOCIAL STUDIES

6011 U. S. HISTORY 8 (SS) 8 1.0

United States History for grade 8 covers events and issues from the Age of Exploration through Reconstruction and the Western Movement, emphasizing the 18th and 19th centuries. Topics covered will include, but are not limited to exploration, colonization, the Revolutionary War, constitutional issues, nation building, the Civil War, Reconstruction, and the Western Movement.

6013 U. S. HISTORY 8H (SS) 8 1.0

This course is designed for the above-average student who is capable of a challenge. The course emphasizes historic events from the Age of Exploration to Post-Civil War reconstruction and the Western Movement. Students will develop their observation, writing, reading, speaking, listening and other skills as they examine exploration, colonization, the Revolutionary War, constitutional issues, the Civil War, reconstruction, and the Western Movement. Teacher recommendation required.

HEALTHY LIFESTYLES

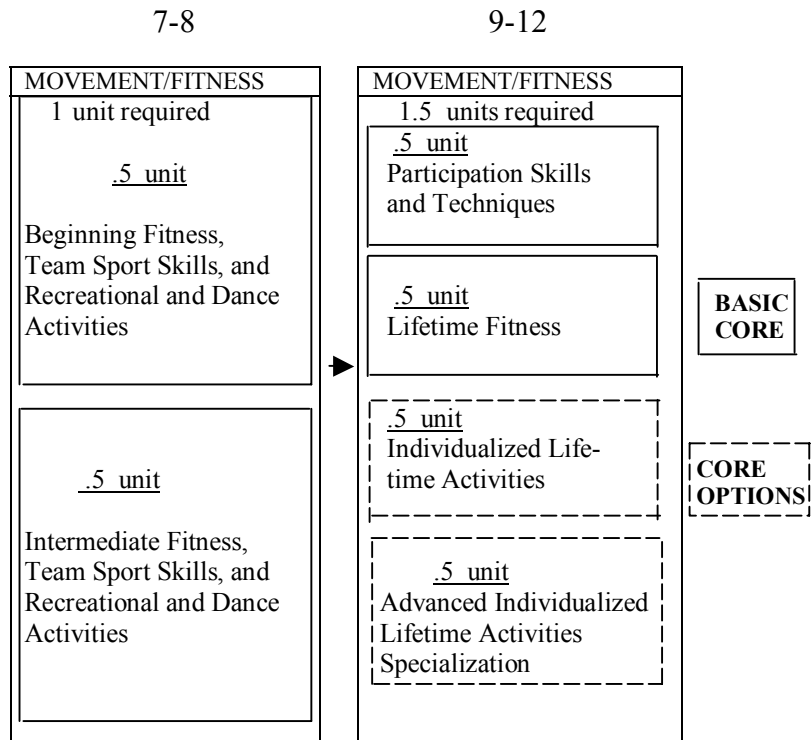
7000 HEALTH (HL) 8 .5

This course develops the skills needed to improve the quality of life by helping students to cope with and solve problems, develop positive self-image, and make better decisions. The students will explore positive life styles, disease prevention, emergency procedures, media literacy, and alcohol and drug abuse prevention.

7011 FITNESS 8 (HL) 8 .5-1.0

A physical education course with emphasis on skills, knowledge and participation in a variety of team sports, conditioning and recreational activities.

RESPONSIBLE HEALTHY LIFESTYLES MOVEMENT AND FITNESS CORE



APPLIED TECHNOLOGY EDUCATION

BUSINESS

8313 KEYBOARDING 1 (ATE) 7, 8 .5
 A beginning semester keyboarding course in which, students will master touch operation on a computer keyboard. Correct techniques including, fingering, key stroking, posture, and the development of speed and accuracy will be stressed. Students will learn to format simple reports, letters, and tables.

8314 KEYBOARDING APPLICATIONS (ATE) 7, 8 .5
 This course is designed to increase a student's keyboarding skill through drill and practice reinforcement of correct keyboarding techniques. Course emphasis will be on using proper keyboarding techniques and improving keyboarding skill. Designed for those students with Elementary Keyboarding or Keyboarding I experience.

8047 COMPUTERS IN BUSINESS (ATE) 8, 9 .5
 Prerequisite: Keyboarding I
 Students will explore Web Page Design, Desktop Publishing, Presentations, and Personal Economics. Exposure to business software applications will be an integral part of this class, including Internet browsers, search engines, word processing, and multimedia software.

FAMILY AND CONSUMER SCIENCES

8706 FACS EXPLORATION (ATE) 8, 9 .5

This course provides students with essential life skills. The course allows students to develop skills in food and nutrition, child care and safety, interior design and care of a home, clothing construction and style, consumerism, family relationships, personal responsibility, and job-related skills.

8725 CLOTHING 1 (ATE) 8, 9 .5

This course teaches beginners to be successful in clothing construction and consumer skills. Choosing and using patterns, fabrics, and notions; use and care of today's sewing machines and sergers; and basic clothing construction methods are included. Students may choose from a variety of projects based on individual skill level and preference. NOTE: A fee may be charged for consumable items used in this class. Students will be expected to furnish some materials for this class where such materials become the property of the students.

8726 CLOTHING 2 (ATE) 8, 9 .5

Prerequisite: Clothing 1

This course is designed to build on construction techniques taught in Clothing 1. Topics will include social and psychological aspects of clothing; use of clothing and textiles projects; the selection, construction, maintenance, and alteration of clothing. Two or more intermediate-level, clothing, construction projects will be completed in this course. NOTE: A fee may be charged

8750 FOODS AND NUTRITION 1 (ATE) 8, 9 .5-1.0

This introductory course is designed for students who are interested in understanding the principles of nutrition and in maintaining a healthy life style. Attention will be given to selection and preparation of food and personal health and well-being. NOTE: A fee may be charged for consumable items used in this class.

8751 FOODS AND NUTRITION 2 (ATE) 8, 9 .5-1.0

This course is designed to be a continuation of the food exploration begun in Food and Fitness 1. Topics to be covered in depth will include principles of nutrition, food selection, preparation, meal management, and food economics. Also included may be holiday projects, cooking for special needs, food service, entertaining, and foreign foods. NOTE: A fee may be charged for consumable items used in this class.

TECHNOLOGY EDUCATION

**# 8001 TECHNOLOGY LAB 1 (ATE) 8, 9 .5
(Technology Education 1)**

The laboratory and laboratory activities are of the present and of the future. This program is intended to initiate the development of technological literacy in middle school students. The areas covered are manufacturing, communications, transportation, and construction.

**# 8002 TECHNOLOGY LAB 2 (ATE) 8, 9 .5
(Technology Education 2)**

Prerequisite: TECHNOLOGY LAB 1

The laboratory and laboratory activities are of the present and of the future. This program is intended to initiate the development of technological literacy in middle school students. The areas covered are manufacturing, communications, transportation, and construction.

TRADE, TECHNICAL AND INDUSTRIAL EDUCATION

8045 MANUFACTURING TECHNOLOGY (ATE) 8, 9 .5-1.0
(Cabinetmaking & Millwork 1)

This is a basic introduction to woodworking for boys and girls. Students will learn proper use of hand and power tools. They will develop plans and procedures for individual projects. Construction and manufacturing as related to technology will be addressed. Fees may be required.

8048 MANUFACTURING TECHNOLOGY (ATE) 8, 9 .5-1.0
(Cabinetmaking & Millwork 2)

Prerequisite: Cabinetmaking & Millwork 1

This is a course in woodworking for boys and girls. Projects will be more advanced. Communications will be introduced through project planning and blueprinting. Safety and proper use of hand and power tools will be stressed. Fees may be required.