



## 7<sup>th</sup> Grade Course Descriptions 2011-2012

### **REQUIRED CLASSES**

**M0701/M0702 Year MATH 7** - Math 7 will prepare 7th grade students to apply mathematical concepts and skills to solve problems they encounter in daily living. Computational skills, problem-solving strategies, data gathering and charting, measurement, graphing and number theory concepts will be explored and applied to the real world.

**M2001/M2002 Year PRE-ALGEBRA** - Pre-Algebra is a bridge between arithmetic and algebra. Students will study number systems and number theory and select appropriate methods for numerical computation including paper and pencil methods, estimation, and calculators. They will be introduced to the language of algebra and they will use technology and manipulatives to explore abstract algebra concepts informally. Students will develop problem-solving for modeling real-world problem situations.

**M3001/M3002 Year ALGEBRA I** (Must pre-qualify by taking screening test scheduled in April.) - Elementary Algebra extends students' problem-solving strategies and their abilities to model real-world problems algebraically, numerically, and graphically. Students study the properties of the real number system and use these properties to solve linear equations; the greater emphasis is on conceptual understanding of algebra as a means of representation and as a problem-solving tool. Technology and manipulatives are used to explore these ideas.

**EN071/EN072 Year ENGLISH 7** - This course is an overview of language, literature, oral work, reading and writing. *Lab fee required.*

**C10011/C10012 Year CTE-CAREERS, TECHNOLOGY AND EDUCATION** - Core concepts help students to explore life's work through interactive, hands-on activities using current technology in a laboratory environment. Students are involved in discovering self, viewing future life options within the context of work and family settings, developing the positive relationships required for communication and teamwork, and identifying the skills required for life's roles. Students are expected to develop skills in decision making, planning, and preparing life's work. TLC is a coordinated exploratory course that includes three cluster areas of Technology/Agriculture, Business/Marketing, and Family and Consumer Sciences/Health Science. This course is designed for all students by the Utah State Board of Education. *TLC lab fee required.*

**S1701/S1702 Year INTEGRATED SCIENCE 7** - Topics from physical, earth, and life science are integrated in this course to illustrate the nature of "structure" as a property that is common to all sciences. Students observe that all substances are made of smaller parts and are themselves part of larger wholes, and that when parts come together the whole often has properties that are very different from its parts. Hands-on, inquiry-based instruction is used to help student's value science as a process for obtaining knowledge based on observable evidence. *Science lab fee required.*

**HUT70 Sem. UTAH HISTORY** - Students will be introduced to the significant events, people, cultures, and issues that have influenced Utah from its earliest beginnings through the present day. The first focus is devoted to history and events leading up to 1847 including Native Americans, Spanish, mountain men, explorers, Mormon influences, and the westward movement. The second focus includes conflicts that led to statehood and the integration of Utah into the nation including the early development of mining, railroad, industry, and agriculture, the move from territory to statehood and the new century, structure of state and local government, and the progressive period. The third focus will be on events leading to the present, including World War I, the Nineteen Twenties, Great Depression, World War II, post-war Utah, modern Utah, and local issues.

**PO17B or P017G**      **Sem.**    **PE BOYS & GIRLS BEGINNING FITNESS** – This course emphasized the beginning fitness. An appreciation for activities in relation to physical well-being is stressed. A continual fitness development program with testing is also included in the course.

**X1600**            **Sem.**    **STUDENT SUCCESS** - This course, which provides students with lifetime learning and living skills, is designed to lay the foundation for success for all other courses offered in high school. The curriculum will focus on learning styles, multiple intelligences, research skills, time management skills, Coveys Seven Habits, cultural literacy, goal setting, project planning, critical thinking, creative thinking, and presentation skills.

## ***ELECTIVES FOR FULL YEAR***

### ***YEAR LONG FOREIGN LANGUAGE:***

**LSP211/LSP212**      **Year**    **SPANISH IMMERSION 7** – (*Pre-requisite, prior immersion programs students*) In level 2, students develop further communication skills and are able to satisfy most survival needs and limited social demands. They can initiate and sustain a short conversation on factual topics. They can give autobiographical information and discuss leisure time activities. Students are able to present information and ideas to an audience. They can describe characteristics and behaviors of everyday life in the target culture and they can identify the expressive forms of the culture, such as art, literature, music, and dance.

### ***YEAR LONG FINE ARTS CLASSES***

**A430F1/A430F2**      **Year**    **BEGINNING GIRLS CHOIR** – Students receive experience in rehearsal and performance of suitable music for SSA (soprano, 2<sup>nd</sup> soprano, alto) voices.

**A430M1/A430M2**      **Year**    **BEGINNING BOYS CHOIR** – Students receive experience in rehearsal and performance of suitable music for TB (tenor and bass) voices.

**A3311/A3312**    **Year**    **BEGINNING BRASS** – This course provides opportunities for students to develop their musical potential through learning to play a brass instrument. Study includes the care and cultivation of a beautiful tone, the ability to read music, the building of technical skills, team spirit, and responsible rehearsal habits. Students will have the opportunities improvise, compose, strengthen listening skills, analyze performances and relate their music experiences to the time and culture or the pieces they study, as well as to contemporary society. An ensemble directed toward building music performance skills in percussion. Curriculum includes 2-4 performances per year including introduction to music theory, history, and composition. *Instrumental fee of \$70.00 may be required.*

**A3611/A3612**    **Year**    **BEGINNING WOODWINDS-** This course provides opportunities for students to develop their musical potential through learning to play a brass instrument. Study includes the care and cultivation of a beautiful tone, the ability to read music, the building of technical skills, team spirit, and responsible rehearsal habits. Students will have the opportunities improvise, compose, strengthen listening skills, analyze performances and relate their music experiences to the time and culture or the pieces they study, as well as to contemporary society; An instrumental ensemble directed toward building music performance skills. Curriculum includes 6-8 performances per year including adjudicated music festivals, introduction to music theory, history and composition. *Instrumental fee of \$70.00 may be required.*

**A3021/A3022**    **Year**    **INTERMEDIATE BAND** - A greater degree of musical awareness will facilitate the playing of more demanding music. Much more will be expected of students to independently play their parts.

**A3511/A3512 Year PERCUSSION** – (Pre-Req. – 2 years piano or previous band experience on a non-percussion instrument.) This course provides opportunities for students to develop their musical potential and aesthetic understanding through learning to play percussion instruments. Study includes the building of proper technique on all percussion instruments, the ability to read music, team spirit, and responsible rehearsal habits. Students will have opportunities to improvise, compose, strengthen listening skills, analyze performances and relate their music experiences to the time and culture of the pieces they study, as well as to contemporary society. *Two years piano or previous instrument experience, audition, and \$70 instrument rental fee required.*

**A8001/A8002 Year ORCHESTRA** – This course provides opportunities for students to develop their musical potential and aesthetic understanding through learning to play orchestral string instruments. Study includes the care and cultivation of a beautiful tone, the ability to read music, the building of technical skills, team spirit, and responsible rehearsal habits. Students will have opportunities improvise, compose, strengthen listening skills, analyze performances and relate their music experiences to the time and culture of the pieces they study, as well as to contemporary society. *No pre-requisite course is required. Instrument and performing group fee may be required.*

**A8011/A8012 Year INTERMEDIATE ORCHESTRA** – This course provides opportunities for students to develop their musical potential and aesthetic understanding through learning to play orchestral string instruments. Study includes the care and cultivation of a beautiful tone, the ability to read music with increasing fluency, the building of technical skills, team spirit, and responsible rehearsal habits. Students will have opportunities improvise, compose, strengthen listening skills, analyze performances and relate their music experiences to the time and culture of the pieces they study, as well as to contemporary society. *Pre-requisite course is Beginning Orchestra, or audition. Teacher Approval required. Instrument and performing group fee may be required.*

## ***ELECTIVE CLASSES FOR A SEMESTER***

### ***SEMESTER FINE ARTS CLASSES***

**A7010 Sem. MUSIC APPRECIATION** – This class studies the appreciation of music, note reading, music writing, and use of instruments. Some singing is included.

**A0010 Sem. ART FOUNDATIONS I**– The student will learn more advanced principles of art through drawing, painting & sculpturing. *Art lab fee required.*

**A6000 Sem. DRAMA FOUNDATIONS** – This course introduces the student to the beginning elements of theatre and performance with emphasis of self-improvement in performance and public communication. Mime, oral interpretation, scene and monologue study are taught along with production criticism and dramatic and comedic literature. The students will study audition techniques, scene performance, cinema appreciation and criticism, and an introduction to acting.

**A5000 Sem. DANCE FUNDAMENTALS** – In this introduction to dance, beginning dance techniques and movements will be taught. This beginning level class will explore rhythms, style, and techniques of modern and jazz dance, emphasizing the basic elements of choreography. *PE fee required.*

**A7200 Sem. MUSICAL THEATRE** – Designed to familiarize performing arts students with the process of auditioning and performing in the realm of musical theatre. Students will work individually and in groups with staging, choreography, etc. Voice repertoire, selection, singing style, acting, coaching, and evaluation will be covered. Students will be required to sing and dance.

### ***CTE CLASSES***

**C80110 Sem. INTRODUCTION TO TECHNOLOGY ED -** Students will be introduced to the technological systems of aerospace, communications, construction, energy/power/transportation, manufacturing, and biotechnology. The course emphasis is on exploration activities using computers, technology equipment, and manufacturing tools. *Class fee required.*

**C24110**      **Sem.**    **KEYBOARDING** – In this beginning semester keyboarding course, the student will master touch operation of a computer keyboard. Correct techniques including fingering, key strokes, posture, and the development of speed and accuracy will be stressed. The student will learn to format simple reports, personal and business letters, and tables. The acquisition of business communication skills will be integrated throughout the course. *Class fee required.*

**C24120**      **Sem.**    **KEYBOARDING APPLICATION** – (Pre-requisite is to be advanced and type 25 wpm min.) This course is designed to increase student keyboarding skill through drill practice and reinforcement of correct techniques. Students will use word processing software to create, format, and edit personal and business documents. Note: Students who enter this course with a minimum timed-writing level competence are expected to improve keyboarding speed and accuracy by increasing between 4 to 8 words per minute with a maximum of 2 errors per minute.

#### **SEMESTER FOREIGN LANGUAGE:**

**LAS0**      **Sem.**    **INTRO TO AMERICAN SIGN LANGUAGE** – This course is an introductory course to the ASL language program. It includes instruction in American Sign Language (ASL) or other deaf languages, finger spelling orientation to deaf culture, and interpreting from signing to voice and from voice to signing.

**LCH0**      **Sem.**    **INTRO TO CHINESE** - An introductory course designed to give the student an experience with the Chinese language and culture.

#### **OTHER CLASSES**

**ENCR0**      **Sem.**    **CREATIVE WRITING** – This class is designed to provide experiences and activities which will enhance the communication of ideas through written expression. *Computer fee required.*

**END10**      **Sem.**    **DEBATE** – This is a basic course in speech and debate. Students will learn techniques of research, persuasion, organization, refutation, and group processes. Content will include important issues facing the world, our nation, and ourselves. *Computer fee required.*

**ENRSO**      **Sem.**    **READING SKILLS** – This course will cover basic reading skills, comprehension and vocabulary development. *Computer lab fee required.*

**ENPL0**      **Sem.**    **POPULAR LITERATURE** – This course is designed for the advanced and avid reader. The class will emphasize the short story and the novel. Advanced reading strategies will be taught. The class will concentrate its studies on historical fiction.

**X4210**      **Sem.**    **PEER TUTOR** – Students will be involved in peer tutoring students in special education and resource classes in math, English, reading, life skills and other academic areas. This class would be most helpful to students considering a career in teaching, coaching, etc. This course involves working with disabled students. It is extremely important that the students chosen for this class have a very good attendance record. During the school year this class goes on a number of community trips, a few of them may require the student to bring a dollar or so. *Application Required.*

#### **P.E. ELECTIVE**

**P8000**      **Sem.**    **AEROBICS** – This total body fitness class involves cardiovascular exercises as well as body toning exercises. Exercise routines will be choreographed to music. Basic principles of fitness will be taught and applied in class. *This class does NOT fill any PE credit. PE fee required.*