

Revised Copy 2014-2015

OAK PARK SCHOOL DISTRICT



NOVA Discipline Academy

Course Descriptions

Grades 9-12

Oak Park

SCHOOL DISTRICT

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OAK PARK SCHOOL DISTRICT

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NOVA Discipline Academy

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General Information

This directory is a collection of course descriptions to aid students and parents in selecting a high school course of study. Actual course selections should be made in light of each student's background interests, aptitude and aspirations. Final decisions should involve the student, parent, instructional staff and academic advisor.

Policy of Nondiscrimination

The Oak Park Board of Education complies with all federal laws and regulations prohibiting discrimination and with all requirements and regulations of the U.S. Department of Education. No person on the basis of sex (Title XI); race, color, religion national origin or ancestry, age, marital status (Title VI), or handicap (Section 504) shall be discriminated against, excluded from participation denied the benefits or otherwise be subjected to discrimination in any program or activity for which it is responsible or for which it receives financial assistance from the U.S. Department of Education. Complaints should be addressed to:

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Superintendent
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13900 Granzon
Oak Park, MI 48237
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The Importance of Course Selections

During the second semester of each school year many plans and procedures are made in preparation for the following year. None is of greater importance than scheduling. From student course selections, the number of classes offered is determined, instructional staff is hired and budget allocations made. Careful planning must be exercised by both parents and students prior to making course selections.

Each student is asked to review this directory thoroughly and to consult with his/her academic advisor on special problems or concerns in arriving at final decision. Once the course selection worksheet is submitted, the selection sheet constitutes the basis for all future planning.

Course Selections and Prerequisites

Grade level at which each course may be taken are indicated with each course description. Prerequisites, if any, are also listed. The prerequisites are intended to prepare a student for that level of course works. One-credit course is usually full-year or two semester courses. One-half credit courses are usually single-semester courses.

Course Changes

Students are encouraged to select their courses carefully. Once school is actually in session, students may not add a new class after the third full week of school.

Dual Enrollment

This program is designed to provide an opportunity for qualified high school students to earn college credit concurrently with their high school study, college credit, which may count toward a college degree program. Dual enrollment may also allow for a student to earn credit toward an Oak Park High School or Oak Park Alternative Education Center diploma, according to state mandated guidelines.

For eligibility in the Academic Dual Enrollment program:

1. A student must be working toward graduation requirements.
2. A student must be at least in the 11th grade (12 credits) or in the 12th grade (18 credits).
3. A student has taken all M-Step assessments earned M-Step endorsement in the intended area of study.
4. The student must be enrolled in the post-secondary institution during the district's regular academic year.
5. The post-secondary course must be an academic course that is not offered by the district. An exception to this could occur if the Board of Education determines that a scheduling conflict exists which is beyond the student's control.
6. The college course is not a hobby, craft, recreation or physical education course and is not a course in the subject areas of theology, divinity, or religious education.
7. The student must have written recommendation from his/her high school academic advisor and the cooperative teacher.
8. Three (3) or four (4) semester hours of credit at an accredited institution (e.g. OCC, OU) will equal 0.50 semester's credits at NOVA Discipline Academy.
9. The academic coordinator determines whether or not the student qualifies for dual enrollment status based on state mandated and accredited institution guidelines and must be approved by the Superintendent.
10. The academic counselor and/or cooperating teacher provide the Dual Enrollment Application Packet to those students who qualify. The student must follow the directions on the packet specific to Oakland University or Oakland Community college. Completed packets must be signed by the parent and returned to the academic advisor or cooperative teacher.

If a student meets all of the above conditions, is approved to register at the post-secondary institution.

Testing Out Policy

Consistent with the Michigan School Code, NOVA Discipline Academy provides the opportunity for eligible high school students to "test out" of any course. The "test out" option does not apply to those courses in which students are currently enrolled. Testing out is also an option for students who have failed a course at NOVA. If a student wishes to test out of the course he/she has failed, rather than repeat the course, the student must contact the school no later than a week after receiving the end-of-year report card.

In order to test out, students will need to exhibit mastery of the subject matter of the course by attaining a grade of not less than C+ (78% or higher) in a final examination-like test and/or other activity(ies) required for the course.

Other activities required for a course and by which the student may be asked to demonstrate mastery in the course for the purpose of testing out, include but are not limited to portfolio, performance, paper, project, or presentation.

Testing out exams to determine mastery will be organized as follows:

1. A year-long course will employ a single test-out period of up to three (3) hours, and a one (1) semester course will employ a single test-out period of up to one and one-half hours.
2. In world language, two test-out periods will be employed: one oral testing and one for written testing.
3. Testing dates for the exams will be held the first two (2) weeks or the last two (2) weeks of a semester.

A student successfully testing out of a course will be awarded credit in that class and a "pass" with no letter grade recorded on the transcript and no effect on the grade point average. A successful test out will be counted toward fulfillment of a requirement within a subject area and will be counted toward fulfillment of a requirement as to course sequence. For example, testing out of a science course will enable a student to take the next course in the science sequence as well as to satisfy one of the three credits in science required to graduate. Credit earned does count toward fulfillment of the subject area and course sequence requirements and will apply toward graduation provided the student has earned at least 18 credits in the traditional way. Once a student earns credit through this option, students cannot receive credit in a lower course(s).

It is important for parents and students to understand that "testing out" does not replace all of the experiences and learning that occur during the course of attending a class. Research show that much of the learning in semester courses is not tested. Thus, to take a final exam in place of a class does not assure that student full mastery of the course content, concepts, information and skills.

There are two areas of study that do not qualify for testing out process. They are PHYSICAL SCIENCE and GOVERNMENT.

Guidelines for Credit Earned Externally

NOVA grants external credit accordingly:

1. Through summer school study
2. Through extension programs
3. Through correspondence course

Additionally, the following conditions must be met:

The school may accept credit earned by a student through correspondence or extension study towards satisfying the requirements for graduation, providing the course has been approved by the principal in advance of the student's enrollment. Such credit shall be earned through the satisfactory completion of courses offered by an institution accredited by the North Central Association.

Correspondence Course and Extension Studies

Correspondence courses are generally discouraged. However, where the school feels that this study is appropriate and useful to the student concerned, it will be considered. Also, correspondence course may be used to assist in making up deficiencies or enriching the student's academic success.

1. A total of four (4) credits may be earned externally toward the high school diploma.
2. The mandated credits of the 20 credits required for graduation may be taken externally only from an approved educational institution (accredited by North Central Association).
3. A student cannot take any more than one (1) core class in a particular discipline; i.e., they can only take one math class, one science class, one social studies class, and one language arts class as a correspondence class.
4. Students must initiate all requests for external credit with their academic coordinator where they will fill out the appropriate forms, which will be signed by the academic coordinator. The student will submit the form to the academic coordinator in charge of student services for consideration. The principal will approve or decline.
5. In case of seniors enrolled in correspondence course and extension study programs, it is strongly advised that the student and parents require the school granting the external credit to report the final grade/credit to NOVA Discipline Academy by May 1st. If the credit is not received at NOVA Discipline Academy by May 1st, it is likely that there will not be sufficient time to process the credit to ensure participation in commencement.

Summer School

Students who wish to make up deficiencies in credit, desire to earn additional credits, or wish to take a course for enrichment may enroll and attend summer school. Applications are available in the Main Office in June of the school year.

Graduation Requirements for the Oak Park School District

1. 8 semesters of attendance. A semester of attendance is defined as a semester in which a student has five or more classes.
2. Earn a minimum of 20 cumulative credits earned in grades 9-12 (Class of 2012 only), 22 cumulative credits earned in grades 9-12 (Class of 2013+), including the requirements of the Michigan Merit Curriculum.
3. Senior must have successfully completed all the requirements for graduation to take part in commencement.
4. Grade Level Classification: (Credit Minimum)

Ninth Grade	0-5 credits
Tenth Grade	5-10 credits
Eleventh Grade	10-15 credits
Twelfth Grade	15-22+ credits
5. Receive at least 20 credits in the following areas:
 - a. 4 credits in English including English Language Art 9, ELA - 10, ELA - 11, ELA - 12
 - b. 4 credits in Mathematics including Algebra I, Geometry, Algebra II, Pre-Calculus / Math-related electives
 - c. 3 credits in Science including Biology, Chemistry or Physics and science electives
 - d. 3 credits in Social Studies including U.S. History, World History, U.S. Government, & Economics
 - e. 1 credit World Language (Class of 2012 - ONLY)
 - f. 2 credits World Language (Class of 2013 & beyond)
 - g. .5 credit Health
 - h. .5 Physical Education elective
 - i. On-line learning experience (completion of EDP)
 - j. 1 credit Visual, Fine or Performing Arts
 - k. .5 Community Service (40+ hours)
 - l. 2.0 + elective credits

Distribution of Credits

ENGLISH (4 Credits Required)

Required Courses:

9th Grade: English Language Arts (ELA-9) A and B

10th Grade: ELA-10 A and B

11th Grade: ELA-11 A and B

12th Grade: ELA-12 A and B

SOCIAL STUDIES (3 Credits Required)

Required Courses:

9th Grade: US History A and B

10th Grade: Civics A and Economics A

11th Grade: World History & Geography A and B

MATHEMATICS (4 Credits Required)

Required Courses:

9th Grade: Algebra I A and B

10th Grade: Geometry A and B

11th Grade: Algebra II/Trig. A and B

12th Grade: Advanced Math, Pre-Calculus, Calculus, Probability & Statistics or Math elective

Recommended: Pre-Calculus /Probability and Statistics or any other Math-Related course

SCIENCE (3 Credits Required)

Required Courses:

9th Grade: Biology A and B or Physics A and B

10th Grade: Chemistry A and B

11th Grade: Biology A and B or Physics A and B

12th Grade: Electives (AP Chemistry, AP Biology, Pre-Engineering, Astronomy, or Anatomy and Physiology, Environmental Science, other)

PHYSICAL EDUCATION & HEALTH (.5 PE elective and .5 Health Credit Required)

Required Courses:

Physical Education/Swimming A

Health A**WORLD LANGUAGE (2 Credits Required)****Required Courses:****Spanish I, II A and B****French I, II A and B******Exception for the Class of 2011 & 2012 (1 credit only)*****VISUAL, PERFORMING, AND APPLIED ARTS (1 Credit Required)****Possible Courses:****Drama A and B,****Exploratory Art/Fundamentals of Art A****Sculpture A****Drawing A****Choir / Concert Band A and B****Computer Graphics A and B (Technology & Visual Art combined)*****Additional courses are available to elect.****ON-LINE LEARNING EXPERIENCE (20 hours required)****ELECTIVES (1.5 – 3.5 Credits Required)****TOTAL GRAND TOTAL FOR GRADUATION: 20/22 Credits**

COURSE DESCRIPTION SAMPLE AND KEY

This is the key on how to read the Oak Park School District Course Descriptions Catalogue.

COURSE NUMBER	TOPIC	GRADE	# OF SEMESTERS	# OF CREDITS	COURSE DESCRIPTION / PREREQUISITE
ELA					
62561	AP English Language and Composition I & II – A	9-12	A	.5	This Advanced Placement Language and Composition course is designed for the motivated student with superior English skills. The goal of this course is to increase the advanced student's proficiency at essay writing as well as to improve his/her skills in grammar, note taking, research and public speaking. The course also introduces the student to the analysis of poetry and the classic novel. Summer Reading May Be Required. Prerequisite: 8 th or 9 th grade teacher recommendation

The first box identifies the course number followed by the course title. Following the course title is the number of semesters required for full credit and the number of possible credits allotted for the course. Under the course description and prerequisite category is a brief description of the content, operation and/or objectives of the course. No courses may be retaken for additional credit unless specifically indicated, except for Independent Study and Student Assistant. It is recommended that students discuss their course selection with their Academic Advisers.

BUSINESS & CAREER TECHNICAL EDUCATION COURSES

COURSE NUMBER	TOPIC	GRADE	# OF SEMESTERS	# OF CREDITS	COURSE DESCRIPTION / PREREQUISITE
ACCOUNTING AND FINANCE					
60840	Accounting 1 (A)	11-12	A	.5	This is an Exploratory Accounting course designed for students interested in the accounting of small businesses. This course is also strongly recommended for students planning to major in either business or law in college. Students will apply the accounting cycle to a sole proprietorship, partnership and corporation. Students must have completed first year in order to take second year. Prerequisite: None
60907	Accounting 1 (B)	11-12	B	.5	This Accounting course combines the concepts of first year accounting with second year accounting. Moreover, students will make use of a hands-on experience on PC computers. Computerized accounting will also be introduced at this level. Prerequisite: Accounting 1 (This course meets the 0.5 computer credit)
60914	Finance Management	11-12	A	.5	This Financial Management course offers students the opportunity to study financial planning, goals, how the market works, investment choices, tracking stocks, bonds, mutual funds, investment fraud, credit, insurance, income tax, and banking activities. Prerequisite: None
BUSINESS MANAGEMENT					
MARKETING					
60909	Introduction to Marketing	11-12	A	.5	This Introduction to Marketing course offers students the opportunity to study marketing and business in college or as a career. Course of study includes: economics, sales promotion, marketing, advertising, job development skills, product management and employer/employee relations. Students become members of DECA (student marketing association) when they enroll in the class. Students may sign up for school store, credit union, or co-op. Prerequisite: None
60916	Marketing 2	11-12	B	.5	This Marketing 2 course offers students the opportunity to continue to study marketing. Students will be able to apply problem-solving decision-making and critical-thinking skills necessary to compete in the business world. Prerequisite: Introduction to Marketing required

ENGLISH COURSES

COURSE NUMBER	TOPIC	GRADE	# OF SEMESTERS	# OF CREDITS	COURSE DESCRIPTION / PREREQUISITE
CORE					
60201	9 th English Language Arts - A	9-12	A	.5	In this course, students will learn reading, writing, thinking, speaking, and listening skills while exploring a variety of literature. These skills will serve as a foundation for subsequent high school English classes. Units of learning include the novel, fiction/non-fiction, poetry, and essay writing. This course includes the Michigan Merit Curriculum and meets the requirements for English credit in ninth grade.
60202	9 th English Language Arts - B	9-12	B	.5	In this course, students will learn additional reading, writing, thinking, speaking, and listening skills while exploring a variety of literature. These skills will serve as a foundation for subsequent high school English classes. Units of learning include the novel, non-fiction/fiction, poetry, and essay writing. This course includes the Michigan Merit Curriculum and meets the requirements for English credit in ninth grade.
60205	10 th English Language Arts I – A	10-12	A	.5	This course is designed to help students develop skills learned in 10 th grade literature and composition. This course will increase student’s knowledge on writing in response to literature and themes. The three-part essay will be addressed in terms of grammar, mechanics, diction, and writing style. Prerequisite: 9 th Grade English Language Arts
60206	10 th English Language Arts II – B	10-12	B	.5	This course is designed to help students develop skills learned in 10 th grade literature and composition. This course will increase student’s knowledge on writing in response to literature and themes. The three-part essay will be addressed in terms of grammar, mechanics, diction, and writing style. Prerequisite: 9 th Grade English Language Arts
60209	English-11 – A	11-12	A	.5	This course is designed to help students develop literacy through each of the language arts. Students use a variety of learning strategies that can be applied to gaining knowledge in all subject areas. In writing, students continue to refine their use of the writing process and compose readable drafts using appropriate spelling conventions and grammar. They use elements of the writer’s craft. Prerequisite: 10 th Grade American Literature
60210	English-11 – B	11-12	B	.5	This course is designed to help students develop literacy through each of the language arts. Students use a variety of learning strategies that can be applied to gaining knowledge in all subject areas. In writing, students continue to refine their use of the writing process and compose readable drafts using appropriate spelling conventions and grammar. They use elements of the writer’s craft. Prerequisite: 10 th Grade American Literature
60234	English-12 – A	12	A	.5	This course is designed to allow students to analyze and evaluate a variety of genres from World Literature along with the classics. A research paper will be expected as part of successful companion. In preparation for college, students will experience career-focused writing in the second half of the course.

					Prerequisite: 11 th Grade World Literature
60235	English-12 – B	12	B	.5	This course is designed to allow students to analyze and evaluate a variety of genres from World Literature along with the classics. A research paper will be expected as part of a successful completion. In preparation for college, students will experience career-focused writing in the second half of the course. Prerequisite: 11 th Grade World Literature
ELECTIVES					
60219	ELA / Reading Strategies – A	10-12	A	.5	This is a lab class. After diagnostic and placement tests, students will be able to analyze their reading skills and work toward increasing their reading skill levels. Students will be assigned to an individualized vocabulary program. Individual, pair and team projects using a variety of reading materials will comprise the substance of the course. Prerequisite: None
63251	ELA / Reading Strategies – B	10-12	B	.5	This is a lab class. After diagnostic and placement tests, students will be able to analyze their reading skills and work toward increasing their reading skill levels. Students will be assigned to an individualized vocabulary program. Individual, pair and team projects using a variety of reading materials will comprise the substance of the course. Prerequisite: None
60243	Humanities – Film A	9-12	A	.5	This course is designed as an English elective for students in grades 10-12. The focus of the course will be on the study of film genre, film history, film as an art form, and film as a style of communication in our society. Prerequisite: None
60241	Journalism – A	9-12	A	.5	This English elective course is designed for the student who likes to write. Students will be taught the techniques of news writing and will be expected to research, report, and write news, features, and interviews inside and outside of school. Prerequisite: None
63104	American Classics, Novels, and Short Stories – A	10-12	A	.5	This course is designed to expose students to short stories, novels, and biographies of a number of American authors. Students will study the elements of the short story and novel and analyze examples of genres in depth. Prerequisite: None
60221	Creative Writing 1 - A	10-12	A	.5	This course will expose students to creative writing. Students will develop a creative approach to writing by drafting, conferencing, editing, and completing a wide range of writing assignments. Some of the genres explored are poetry, the short assignments. Prerequisite: 9 th Grade English
63105	Creative Writing 2 – A	10-12	A	.5	This course will expose students to creative writing. Students will develop a creative approach to writing by drafting, conferencing, editing, and completing a wide range of writing assignments. Some of the genres explored are poetry, the short

					assignments. Independent projects are stressed so students have the opportunity to seriously delve into areas in which they have the most interest. Prerequisite: 9 th Grade English
60225	Speech 1 – Public Speaking – A	10-12	A	.5	This course is designed to provide an opportunity for students to become comfortable in a variety of speaking situations by developing speaking and discussion techniques. The students will explore small group and large group discussion, informative, broadcasting, sales and persuasive speaking styles. Prerequisite: None
63106	Speech 2 – Public Speaking – A	10-12	A	.5	This course is designed for potentially advanced public speakers. Students will have an opportunity to explore a variety of speaking styles including PowerPoint presentations, original oratory, persuasive and informative speaking. Emphasis is on the individual's strengths and weaknesses, delivery style, and a concentrated study to fine tune speaker delivery. Prerequisite: B or better in English
00013	MME / ACT Test Prep ELA – A	11-12	A	.5	This ACT/MME Online 1 course offers students the opportunity to prepare for the ACT Test. 80% of this course is referenced from ACT materials and 20% is online. Prerequisite: None
00014	MME / ACT Test Prep ELA – B	11-12	B	.5	This ACT/MME Online 2 course offers students the opportunity to continue to prepare for the ACT Test. 80% of this course is referenced from ACT materials and 20% is online. Prerequisite: ACT/MME Online 1 required
91030	Speech & Communications – A	10-12	A	.5	This course is designed to provide an opportunity for students to become comfortable in a variety of speaking situations by developing speaking and discussion techniques. The students will explore small group and large group discussion, informative, broadcasting, sales and persuasive speaking styles. Prerequisite: None
91031	Speech & Communications – B	10-12	B	.5	This course is designed for potentially advanced public speakers. Students will have an opportunity to explore a variety of speaking styles including PowerPoint presentations, original oratory, persuasive and informative speaking. Emphasis is on the individual's strengths and weaknesses, delivery style, and a concentrated study to fine tune speaker delivery. Prerequisite: None

ESL COURSES

COURSE NUMBER	TOPIC	GRADE	# OF SEMESTERS	# OF CREDITS	COURSE DESCRIPTION / PREREQUISITE
60301	Beginning ESL 1 – A	10-12	A	.5	This course will assist English language learners with basic skills of listening, speaking, speaking, reading, and writing in English. (This course counts as an English requirement) Prerequisite: Placement in ESL
60302	Beginning ESL 1 – B	10-12	B	.5	This course will assist English language learners with basic skills of listening, speaking, speaking, reading, and writing in English. (This course counts as an English requirement) Prerequisite: Placement in ESL
60299	ELL Reading Support – A	10-12	A	.5	ELL Reading Support provides English language learners the opportunity to learn basic instruction in the four Language skills: listening, speaking, reading and writing. (This course counts as an English requirement)
60300	ELL Reading Support – B	10-12	B	.5	ELL Reading Support provides English language learners the opportunity to learn basic instruction in the four Language skills: listening, speaking, reading and writing. (This course counts as an English requirement)
60782	ELL Support / Study Skills – A	10-12	A	.5	ELL Support / Study Skills provide English language learners the opportunity to receive ELL support / study skills in all content areas. (This course counts as a core requirement if approved by the ELL Teacher)
60785	ELL Support / Study Skills - B	10-12	B	.5	ELL Support / Study Skills provide English language learners the opportunity to receive ELL support / study skills in all content areas. (This course counts as a core requirement if approved by the ELL Teacher)

FINE ARTS COURSES

COURSE NUMBER	TOPIC	GRADE	# OF SEMESTERS	# OF CREDITS	COURSE DESCRIPTION / PREREQUISITE
VISUAL ARTS					
60009	Photo I - A	10-12	A	.5	In this course students learn about and experience photography as a form of visual communication. The students will learn terminology and techniques that will enhance their skills to communicate visually. The students will learn the basic steps to operate a 35mm camera, and to develop film and prints in the darkroom. Prerequisite: Fundamentals of Arts
60011	Digital Photo - A	10-12	A	.5	This course is planned for students who are seriously interested in photography. A portfolio of quality photographs will be created and produced. Experimental techniques and classic darkroom processes along with reflective commentaries are emphasized in this course. Prerequisite: Photography I
60013	Drawing I - A	10-12	A	.5	This course is designed to study drawing and to develop a perception and awareness of the real and abstract environment. Students will gain a rich understanding and a practical application of the principles of two and three-dimension art. Prerequisite: Fundamentals of Arts
60037	Painting I - A	10-12	A	.5	This course is an introduction to basic painting styles and techniques and to various water-soluble painting media. Prerequisite: Drawing I
60037	Painting II - B	10-12	B	.5	This course is designed to build on the skills developed in Painting I, using the water soluble media with an emphasis on more individual direction. Prerequisite: Painting I
60039	Fundamentals of Art - A	9-12	A	.5	This is an introductory art course designed to develop basic skills in drawing, color, and three-dimensional design. Included is the use and care of art materials and tools and the introduction and understanding of art terminology. Prerequisite: None
INSTRUMENTAL MUSIC					
60041	Music Appreciation - A	10-12	A	.5	Music Appreciation is a course designed to culturally develop high school students through listening and understanding the development and history of music. Students will also develop their critical listening skills and strengthen their reading fundamentals by reviewing information related to the course.

					Periodically, students will be required to attend concerts and other cultural events. Prerequisite: None
60043	Band - A	10-12	A	.5	This course is designed to develop the beginning woodwind, brass wind or percussion player. Students will begin their knowledge of fundamentals and techniques of instrumental playing. Prerequisite: Instructor approval
60800	Concert Band I - A	10-12	A	.5	Concert Band is a course designed to develop the intermediate and advanced woodwind, brass wind or percussion player. Students will further their knowledge of fundamentals and techniques of ensemble instrumental playing. Prerequisite: Music Appreciation
60801	Concert Band II - B	10-12	B	.5	Concert Band is a course designed to develop the intermediate and advanced woodwind, brass wind or percussion player. Students will further their knowledge of fundamentals and techniques of ensemble instrumental playing. Prerequisite: Music Appreciation
60071	Piano Keyboard I - A	10-12	A	.5	This course will expose the serious music students the opportunity to learn piano keyboard. Prerequisite: Student Interest
60072	Piano Keyboard II - B	10-12	B	.5	This course will expose the serious music students the opportunity to learn piano keyboard. Prerequisite: Student Interest
60809	Exploration of Sound	11-12	A	.5	This course is a combination of music theory, keyboarding, and choir to expose students to performing arts options.
	Exploration of Sound II	11-12	A	.5	This course is a continuation with advanced work in the combination of music theory, keyboarding, and choir to expose students to performing arts options.
VOCAL MUSIC					
60807	Concert Choir I - A	9-12	A	.5	This course is designed as an in-depth vocal music course for students seriously interested in the performance of high quality music drawn from a variety of periods and styles. Emphasis is placed on the discipline of polishing performances to the highest quality of excellence. The reading of musical notation is continued at a higher level. Members are eligible to audition for MSVMA Honors Choirs, Solo and Ensemble Festivals. Prerequisite: Audition
60805	Concert Choir II - B	9-12	B	.5	This course is designed as an in-depth vocal music course for students seriously interested in the performance of high quality music drawn from a variety of periods and styles. Emphasis is placed on the discipline of polishing performances to the highest quality of excellence. The reading of musical

					notation is continued at a higher level. Members are eligible to audition for MSVMA Honors Choirs, Solo and Ensemble Festivals. Prerequisite: Audition
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HEALTH/LIFE SKILLS COURSES

COURSE NUMBER	TOPIC	GRADE	# OF SEMESTERS	# OF CREDITS	COURSE DESCRIPTION / PREREQUISITE
60905	Health - A	10-12	A	.5	Health is designed to introduce a variety of current health concerns to today's teens. The course includes information and discussion of the following topics: healthy lifestyles; violence; sexual harassment; nutrition, fitness and weight control; alcohol and drug abuse; tobacco; human sexuality; birth control; and sexual transmitted diseases. Textbook work, reading, videotapes, case studies, and projects will be part of the coursework. This course is required for graduation. Prerequisite: None
	Life Skills	10-12	A	.5	
	Life Skills	10-12	B	.5	

MATHEMATICS COURSES

COURSE NUMBER	TOPIC	GRADE	# OF SEMESTERS	# OF CREDITS	COURSE DESCRIPTION / PREREQUISITE
CORE					
60703	Algebra I - A	10-12	A	.5	This is a college-prep course. Content includes integers, rational and real numbers, operations with polynomials to include factoring, ratios and percents, linear equations, rational equations, roots, radicals, and the quadratic formula. Prerequisite: None
60704	Algebra I - B	10-12	B	.5	This is a college-prep course. Content includes integers, rational and real numbers, operations with polynomials to include factoring, ratios and percents, linear equations, rational equations, roots, radicals, and the quadratic formula. Prerequisite: None
60709	Geometry I - A	10-12	A	.5	This course begins by establishing definitions and familiarizing students with the language of geometry. Postulates and theorems are introduced and students learn to write formal proofs. Prerequisite: Algebra I
60710	Geometry I - B	10-12	B	.5	This course begins by establishing definitions and familiarizing students with the

					language of geometry. Postulates and theorems are introduced and students learn to write formal proofs. Prerequisite: Algebra I
60715	Algebra / Trigonometry II – A	11-12	A	.5	This course introduces students to trigonometry including functions, circle and triangle trigonometry, and trigonometric applications. Content includes the real number system, equations and inequalities, operations with polynomials, rational expressions, irrational and complex numbers, quadratic equations, functions, analytical geometry, and logarithms. Prerequisite: Algebra I
60716	Algebra / Trigonometry II – B	11-12	B	.5	This course introduces students to trigonometry including functions, circle and triangle trigonometry, and trigonometric applications. Content includes the real number system, equations and inequalities, operations with polynomials, rational expressions, irrational and complex numbers, quadratic equations, functions, analytical geometry, and logarithms. Prerequisite: Algebra I
60733	Statistics & Probability – A	11-12	A	.5	This course will expose students to four broad conceptual themes: exploring data, planning a study, anticipating patterns using probability and simulations, and statistical inference. Prerequisite: Algebra I and II
60734	Statistics & Probability – B	11-12	B	.5	This course will expose students to four broad conceptual themes: exploring data, planning a study, anticipating patterns using probability and simulations, and statistical inference. Prerequisite: Algebra I and II
62621	Fundamentals of Algebra - A	11-12	A	.5	This course offers students additional study of real numbers, equations and inequalities, operations with polynomials, rational expressions, irrational and complex numbers, quadratic equations, functions, analytical geometry, and logarithms. Prerequisite: Instructor approval
62623	Fundamentals of Algebra - B	11-12	B	.5	This course offers students additional study of real numbers, equations and inequalities, operations with polynomials, rational expressions, irrational and complex numbers, quadratic equations, functions, analytical geometry, and logarithms. Prerequisite: Instructor approval
60724	Advanced Math	11-12	B	.5	This course introduces Pre-Calculus concepts.
ELECTIVES					
60794	Math Lab - A	9-12	A	.5	This Math Lab course offers students the opportunity to get tutorial support to become mathematically proficient.

					Prerequisite: None
00016	MME / ACT Test Prep Math - A	9-12	A	.5	This ACT/MME Online 1 course offers students the opportunity to prepare for the ACT Test. 80% of this course is referenced from ACT materials and 20% is online. Prerequisite: None
00016-2	MME / ACT Test Prep Math - B	9-12	B	.5	This ACT/MME Online 2 course offers students the opportunity to continue to prepare for the ACT Test. 80% of this course is referenced from ACT materials and 20% is online. Prerequisite: ACT/MME Online 1 required

MEDIA CENTER / TECHNOLOGY COURSES

COURSE NUMBER	TOPIC	GRADE	# OF SEMESTERS	# OF CREDITS	COURSE DESCRIPTION / PREREQUISITE
90057	Intro to Technology - A	10-12	A	.5	<p>This course explores the use of computers in everyday applications in Microsoft Applications such as word processing, database, spreadsheet, PowerPoint and desktop publishing. Other units of study will include Digital Design, Digital Photography, CAD design, Web Page Design, Video Production, and robotics. Keyboarding is beneficial but not required.</p> <p>Prerequisite: None</p>
90058	Intro to Technology - B	10-12	B	.5	<p>This course continues to explore the use of computers in everyday applications in Microsoft Applications such as word processing, database, spreadsheet, PowerPoint and desktop publishing. Other units of study will include Digital Design, Digital Photography, CAD design, Web Page Design, Video Production, and robotics. Keyboarding is beneficial but not required.</p> <p>Prerequisite: None</p>
90062	Webpage Creation I - A	10-12	A	.5	<p>This course will expose students to software that is currently available to produce and publish web pages on the Internet. Students will be expected to create and manage web pages. The topics that will be covered include: basic web concepts, terminology, and web page design.</p> <p>Prerequisite: intro to Technology A & B</p>
90063	Webpage Creation II - B	10-12	B	.5	<p>This course is for students who have mastered Web Page Creation I and want to learn advanced web page creation techniques. Students will learn Dreamweaver 4.0 as they develop hands-on projects and complete simple exercises; They will also master JavaScript as they develop web pages. Students will be taught XML as they develop powerful Internet tools. Students will also explore Extensive Markup Language (XML) which is an engine that allows users to manipulate data quickly and efficiently.</p> <p>Prerequisite: Webpage Creation I</p>

PHYSICAL EDUCATION COURSES

COURSE NUMBER	TOPIC	GRADE	# OF SEMESTERS	# OF CREDITS	COURSE DESCRIPTION / PREREQUISITE
90069	Introduction to Physical Education – A	9-12	A	.5	This course is designed for 9 th and 10 th graders. Students will learn CPR training, physical fitness testing, and team sports. Prerequisite: None This course is not recommended for students with medical limitations.
61570	Physical Education LRE / Health – A	9-12	A	.5	This course is designed to help students develop a sense of responsibility and a positive attitude through physical activity. Instruction will be provided in basic motor skills, team organization and rules for court/field games. In addition, all students will participate in the following activities: jogging, basketball, weight training, volleyball and badminton. Prerequisite: None This course is not recommended for students with medical limitations.
61571	Physical Education LRE / Health – B	9-12	B	.5	This course is designed to help students develop a sense of responsibility and a positive attitude through physical activity. Instruction will be provided in basic motor skills, team organization and rules for court/field games. In addition, all students will participate in the following activities: jogging, basketball, weight training, volleyball and badminton. Prerequisite: None This course is not recommended for students with medical limitations.

SCIENCE COURSES

COURSE NUMBER	TOPIC	GRADE	# OF SEMESTERS	# OF CREDITS	COURSE DESCRIPTION / PREREQUISITE
CORE					
61001	Biology - A	9-12	A	.5	This course is designed to teach students the study of scientific methodology, ecology, cell and molecular biology, energy, and metabolism. Current issues and problems will be used as the focus for concept development. Prerequisite: None
61002	Biology - B	9-12	B	.5	This course is designed to teach students the study of scientific methodology, ecology, cell and molecular biology, energy, and metabolism. Current issues and problems will be used as the focus for concept development. Prerequisite: None

61011	Chemistry I – A	10-12	A	.5	This course is designed to teach students the study of theories and concepts in general introductory chemistry related to atomic structure, chemical reactions, solutions, energy, stoimetry, bonding, gas laws, and acid/base chemistry. Prerequisite: Algebra I
61012	Chemistry I – B	10-12	B	.5	This course is designed to teach students the study of theories and concepts in general introductory chemistry related to atomic structure, chemical reactions, solutions, energy, stoimetry, bonding, gas laws, and acid/base chemistry. Prerequisite: Algebra I
61021	Physics I – A	11-12	A	.5	This course is designed to teach students the study of interaction of energy and matter and will require extensive laboratory work. Students will also explore graphical analysis, sound, light, and electricity. Prerequisite: Geometry and Algebra I
61022	Physics I – B	11-12	B	.5	This course is designed to teach students the study of interaction of energy and matter and will require extensive laboratory work. Students will also explore graphical analysis, sound, light, and electricity. Prerequisite: Geometry and Algebra I
90081	Environmental Science - A	11-12	A	.5	This course is designed to teach students the study of environmental science. Students will be required to perform water quality tests, conduct ecological experiments, and develop conceptual knowledge on man’s impact on local and global environment. Prerequisite: Chemistry
90082	Forces & Motion- A	10-12	A	.5	This course is designed to teach students the study of atomic structure, physical changes, chemical reactions, balancing equations, heat and temperature, and atmosphere and weather. Prerequisite: Biology
90083	Forces & Motion- B	10-12	B	.5	This course is designed to teach students the study of general physics, earth science, and astronomy as they relate to science, technology, and society. Prerequisite: Matter, Energy & Space I
61063	Pre-Engineering/Robotics - A	9-12	A	.5	This course is designed to teach students the study of robotics. Prerequisite: None
61064	Pre-	9-12	B	.5	This course is designed to teach students the study of robotics.

	Engineering/Robotics - B				Prerequisite: None
00010	Science Merit Test Wiseness - A	9-12	A	.5	This course is designed to teach students the study of science merit test wiseness. Prerequisite: None
00011	MME/ACT Test Prep Science - A	9-12	A	.5	This ACT/MME Online 1 course offers students the opportunity to prepare for the ACT Test. 80% of this course is referenced from ACT materials and 20% is online. Prerequisite: None
90085	MME/ACT Test Prep Science - B	9-12	B	.5	This ACT/MME Online 2 course offers students the opportunity to continue to prepare for the ACT Test. 80% of this course is referenced from ACT materials and 20% is online. Prerequisite: ACT/MME Online 1 required.
61587	Life Skills -Science A	9-12	A	.5	This course is designed to assist special needs students with the study of science.
61588	Life Skills -Science B	9-12	B	.5	This course is designed to assist special needs students with the study of science.
61556	LRE / EI Science A	9-12	A	.5	This course is designed to assist special needs students with the study of science.
61557	LRE / EI Science B	9-12	B	.5	This course is designed to assist special needs students with the study of science.

SOCIAL STUDIES COURSES

COURSE NUMBER	TOPIC	GRADE	# OF SEMESTERS	# OF CREDITS	COURSE DESCRIPTION / PREREQUISITE
CORE					
61115	US History & Geography I - A	10	A	.5	This course is designed to teach students the study of U.S. History and Geography. Students will explore how history has affected relationships between the U.S. and other nations. Prerequisite: None
61116	US History & Geography II - B	10	B	.5	This course is designed to teach students the study of U.S. History and Geography. Students will explore how history has affected relationships between the U.S. and other nations. Prerequisite: None
61109	US Government - A	9	A	.5	This course is designed to teach students the study of U.S. Government. Students will learn the purposes and structures of government within the federal system. Prerequisite: None
61098	World History & Geography I - A	11	A	.5	This course is designed to teach students the study of World History and Geography. Students will learn about the Renaissance period.

					Prerequisite: None
61099	World History & Geography II - B	11	B	.5	This course is designed to teach students the study of World History and Geography. Students will learn about the modern world. Prerequisite: None
61094	Economics - A	9	A	.5	This course is designed to teach students the study of Economics. Students will learn about the economic systems, supply and demand, consumer and producers, and the role of government. Prerequisite: None
61113	African American History - A	10-12	A	.5	This course is designed to teach students the study of African American History and Geography. Students will explore the contributions that African Americans have contributed to the U.S. and the world. Prerequisite: None
61114	African American History - B	10-12	B	.5	This course is designed to teach students the study of African American History and Geography. Students will explore the contributions that African Americans have contributed to the U.S. and the world. Prerequisite: None
61584	Life Skills (Special Education) A	9-12	A	.5	This course is designed to assist special needs students with the study of social studies.
61585	Life Skills (Special Education) B	9-12	B	.5	This course is designed to assist special needs students with the study of social studies.
61559	LRE (EI) Social Studies A	9-12	A	.5	This course is designed to assist special needs students with the study of social studies.
61560	LRE (EI) Social Studies B	9-12	B	.5	This course is designed to assist special needs students with the study of social studies.
ELECTIVES					
63221	Criminal Law A	9-12	A	.5	This course is designed to assist students with the study of criminal justice. Students will learn their rights during arrest, types of law, court proceedings, and the punishment and rehabilitation of criminals. Prerequisite: None
00012	MME/ACT Test Prep Social Studies A	9-12	A	.5	This ACT/MME Online 1 course offers students the opportunity to prepare for the ACT Test. 80% of this course is referenced from ACT materials and 20% is online. Prerequisite: None
90086	MME/ACT Test Prep Social Studies B	9-12	B	.5	This ACT/MME Online 2 course offers students the opportunity to continue to prepare for the ACT Test. 80% of this course is referenced from ACT materials and 20% is online. Prerequisite: ACT/MME Online 1 required
90088	Human Rights and the Law - A	10-12	A	.5	This course is designed to assist students with the study of human rights and the law. Students will learn their constitutional rights and civil liberties.

					Prerequisite: None
62606	Philosophy - A	11-12	A	.5	This course is designed to assist students with the study of philosophy. Students will learn classic philosophy. Prerequisite: None
90089	Political Science - A	11-12	A	.5	This course is designed to assist students with the study of political science. Students will learn to discuss political issues, comparative governments, and world politics through research and class discussions. Prerequisite: None
61105	Psychology I - A	10-12	A	.5	This course is designed to assist students with the study of psychology. Students will learn about biological psychology and the brain, personality theory and psychoanalysis, memory, perception, and how to conduct psychological research. Prerequisite: None
90090	Psychology II - B	10-12	B	.5	This course is designed to assist students with the study of psychology. Students will learn about experimental psychology, social psychology, and gender development. Prerequisite: None
61107	Sociology - A	10-12	A	.5	This course is designed to assist students with the study of sociology. Students will learn about major social problems that face contemporary society. Prerequisite: None
60212	Student Leadership - A	10-12	A	.5	This course helps students develop leadership, college, and career skills. Students are involved in school/community service learning projects. Students lead school/community improvement initiatives. Students will learn the art of goal setting, letter writing, prepare academic profiles/career resumes, and complete applications. The essence of how to study, listen, speak publicly, and effectively communicate will be integral parts of the course study, in addition to Work Keys components. Students will be exposed to career and college information via virtual experiences, guest speakers, and field trips. Students will navigate through career cruising and develop an EDP Plan as they prepare for college and/or the world of work. Prerequisite: None
60212	Student Leadership - B	10-12	A	.5	This course helps students develop leadership, college, and career skills. Students are involved in school/community service learning projects. Students lead school/community improvement initiatives. Students will learn the art of goal setting, letter writing, prepare academic profiles/career resumes, and complete applications. The essence of how to study, listen, speak publicly, and effectively communicate will be integral parts of the course study, in addition to Work Keys components. Students will be exposed to career and college information via virtual

					experiences, guest speakers, and field trips. Students will navigate through career cruising and develop an EDP Plan as they prepare for college and/or the world of work. Prerequisite: Student Leadership A – Academic Academy candidate
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OAKLAND SCHOOLS TECHNICAL CAMPUS

COURSE NUMBER	TOPIC	GRADE	# OF SEMESTERS	# OF CREDITS	COURSE DESCRIPTION / PREREQUISITE
61132	Health Science Health & Medical Technology - A	11-12	A	.5	This cluster provides students with core and foundation skills in the fields of Nursing Assisting, Medical Assisting, Medical Office Technology, Dental Assisting, Optical Technology, Physical Therapy and Pharmacy Assisting. Students will also gain understanding in all the areas of health core curriculum including safety, anatomy and physiology, asepsis, ethics, medical terminology and abbreviations. Prerequisite: Biology, Chemistry and Basic Math Skills
61147	Health Science Health & Medical Technology - B	11-12	B	.5	This cluster provides students with core and foundation skills in the fields of Nursing Assisting, Medical Assisting, Medical Office Technology, Dental Assisting, Optical Technology, Physical Therapy and Pharmacy Assisting. Students will also gain understanding in all the areas of health core curriculum including safety, anatomy and physiology, asepsis, ethics, medical terminology and abbreviations. Prerequisite: Biology, Chemistry and Basic Math Skills
61127	Health Science Health & Medical Technology - A	11-12	A	.5	This cluster provides students with core and foundation skills in the fields of Nursing Assisting, Medical Assisting, Medical Office Technology, Dental Assisting, Optical Technology, Physical Therapy and Pharmacy Assisting. Students will also gain understanding in all the areas of health core curriculum including safety, anatomy and physiology, asepsis, ethics, medical terminology and abbreviations. Prerequisite: Biology, Chemistry and Basic Math Skills
61128	Health Science Health & Medical Technology - B	11-12	B	.5	This cluster provides students with core and foundation skills in the fields of Nursing Assisting, Medical Assisting, Medical Office Technology, Dental Assisting, Optical Technology, Physical Therapy and Pharmacy Assisting. Students will also gain understanding in all the areas of health core curriculum including safety, anatomy and physiology, asepsis, ethics, medical terminology and abbreviations. Prerequisite: Biology, Chemistry and Basic Math Skills
60811	Culinary Arts / Hospitality - A	11-12	A	.5	This cluster prepares students for a broad background of skills and knowledge utilizing industry based tools, equipment and technology required to be productive in a modern commercial kitchen with applications in business procedures for today's professional. Computer systems are used to maintain inventory, place orders, and produce communications through simulations of actual industry situations.

					<p>Additionally, students will participate in the day-to-day operation of a restaurant and catering service.</p> <p>Prerequisite: Basic math and computer skills will be helpful</p>
60812	Culinary Arts / Hospitality - B	11-12	B	.5	<p>This cluster prepares students for a broad background of skills and knowledge utilizing industry based tools, equipment and technology required to be productive in a modern commercial kitchen with applications in business procedures for today's professional. Computer systems are used to maintain inventory, place orders, and produce communications through simulations of actual industry situations. Additionally, students will participate in the day-to-day operation of a restaurant and catering service.</p> <p>Prerequisite: Basic math and computer skills will be helpful</p>
61156	Culinary Arts / Hospitality - A	11-12	A	.5	<p>This cluster prepares students for a broad background of skills and knowledge utilizing industry based tools, equipment and technology required to be productive in a modern commercial kitchen with applications in business procedures for today's professional. Computer systems are used to maintain inventory, place orders, and produce communications through simulations of actual industry situations. Additionally, students will participate in the day-to-day operation of a restaurant and catering service.</p> <p>Prerequisite: Basic math and computer skills will be helpful</p>
61157	Culinary Arts / Hospitality - B	11-12	B	.5	<p>This cluster prepares students for a broad background of skills and knowledge utilizing industry based tools, equipment and technology required to be productive in a modern commercial kitchen with applications in business procedures for today's professional. Computer systems are used to maintain inventory, place orders, and produce communications through simulations of actual industry situations. Additionally, students will participate in the day-to-day operation of a restaurant and catering service.</p> <p>Prerequisite: Basic math and computer skills will be helpful</p>
60725	Visual Imaging - A	11-12	A	.5	<p>Students of the Visual Imaging Cluster will be training towards careers that communicate ideas and information to the public and include the areas of Graphic Communications, Design Communication, and Multimedia-Animation. This may involve screen-printing, press operations, graphic layout, advertising design and marketing presentations, bindery operations, and also, exposure to hands-on design illustration and computer-generated 3D animation tools. Technology is a significant component of the curriculum in the areas of designing, preparing and producing digital files, and 2D & 3 D animation.</p> <p>Prerequisite: Basic computer knowledge</p>
60726	Visual Imaging - B	11-12	B	.5	<p>Students of the Visual Imaging Cluster will be training towards careers that communicate ideas and information to the public and include the areas of Graphic</p>

					<p>Communications, Design Communication, and Multimedia-Animation. This may involve screen-printing, press operations, graphic layout, advertising design and marketing presentations, bindery operations, and also, exposure to hands-on design illustration and computer-generated 3D animation tools. Technology is a significant component of the curriculum in the areas of designing, preparing and producing digital files, and 2D & 3 D animation.</p> <p>Prerequisite: Basic computer knowledge</p>
61152	Visual Imaging - A	11-12	A	.5	<p>Students of the Visual Imaging Cluster will be training towards careers that communicate ideas and information to the public and include the areas of Graphic Communications, Design Communication, and Multimedia-Animation. This may involve screen-printing, press operations, graphic layout, advertising design and marketing presentations, bindery operations, and also, exposure to hands-on design illustration and computer-generated 3D animation tools. Technology is a significant component of the curriculum in the areas of designing, preparing and producing digital files, and 2D & 3 D animation.</p> <p>Prerequisite: Basic computer knowledge</p>
61154	Visual Imaging - B	11-12	B	.5	<p>Students of the Visual Imaging Cluster will be training towards careers that communicate ideas and information to the public and include the areas of Graphic Communications, Design Communication, and Multimedia-Animation. This may involve screen-printing, press operations, graphic layout, advertising design and marketing presentations, bindery operations, and also, exposure to hands-on design illustration and computer-generated 3D animation tools. Technology is a significant component of the curriculum in the areas of designing, preparing and producing digital files, and 2D & 3 D animation.</p> <p>Prerequisite: Basic computer knowledge</p>
60742	Business, Management, Marketing & Technology - A	11-12	A	.5	<p>This nationally recognized one to two-year program offers a variety of career options that lead to business and industry certifications. Five different career opportunities are offered: Business Management & Ownership, Network Administration, PC Support & Helpdesk, Database Administration & Programming, and E-Commerce and Web Development. In addition to learning technical skills, students receive extensive training in oral and written communications, problem solving and critical thinking, career preparation and development, research, leadership and teamwork.</p> <p>Prerequisite: Basic computer knowledge</p>
60743	Business, Management, Marketing & Technology - B	11-12	B	.5	<p>This nationally recognized one to two-year program offers a variety of career options that lead to business and industry certifications. Five different career opportunities are offered: Business Management & Ownership, Network Administration, PC Support & Helpdesk, Database Administration & Programming,</p>

					and E-Commerce and Web Development. In addition to learning technical skills, students receive extensive training in oral and written communications, problem solving and critical thinking, career preparation and development, research, leadership and teamwork. Prerequisite: Basic computer knowledge
61159	Business, Management, Marketing & Technology - A	11-12	A	.5	This nationally recognized one to two-year program offers a variety of career options that lead to business and industry certifications. Five different career opportunities are offered: Business Management & Ownership, Network Administration, PC Support & Helpdesk, Database Administration & Programming, and E-Commerce and Web Development. In addition to learning technical skills, students receive extensive training in oral and written communications, problem solving and critical thinking, career preparation and development, research, leadership and teamwork. Prerequisite: Basic computer knowledge
61160	Business, Management, Marketing & Technology - B	11-12	B	.5	This nationally recognized one to two-year program offers a variety of career options that lead to business and industry certifications. Five different career opportunities are offered: Business Management & Ownership, Network Administration, PC Support & Helpdesk, Database Administration & Programming, and E-Commerce and Web Development. In addition to learning technical skills, students receive extensive training in oral and written communications, problem solving and critical thinking, career preparation and development, research, leadership and teamwork. Prerequisite: Basic computer knowledge
61090	Construction Technology - A	11-12	A	.5	This cluster provides students skills to work in all areas of the construction field including the following career areas: carpentry, interior finishing, electrical, plumbing, masonry, HVAC/R, home repair, building maintenance, builder, developer and building inspector. Integral components of a student's training include mathematics, good interpersonal skills, problem solving, communication and team building skills. Prerequisite: Math and computer knowledge
61091	Construction Technology - B	11-12	B	.5	This cluster provides students skills to work in all areas of the construction field including the following career areas: carpentry, interior finishing, electrical, plumbing, masonry, HVAC/R, home repair, building maintenance, builder, developer and building inspector. Integral components of a student's training include mathematics, good interpersonal skills, problem solving, communication and team building skills. Prerequisite: Math and computer knowledge
61093	Construction Technology - A	11-12	A	.5	This cluster provides students skills to work in all areas of the construction field including the following career areas: carpentry, interior finishing, electrical, plumbing, masonry, HVAC/R, home repair, building maintenance, builder, developer

					and building inspector. Integral components of a student's training include mathematics, good interpersonal skills, problem solving, communication and team building skills. Prerequisite: Math and computer knowledge
61095	Construction Technology – B	11-12	B	.5	This cluster provides students skills to work in all areas of the construction field including the following career areas: carpentry, interior finishing, electrical, plumbing, masonry, HVAC/R, home repair, building maintenance, builder, developer and building inspector. Integral components of a student's training include mathematics, good interpersonal skills, problem solving, communication and team building skills. Prerequisite: Math and computer knowledge
61051	Engineering / Emerging Technology – A	11-12	A	.5	This course is an intensive hands-on program designed to prepare the students in skills necessary to successfully enter manufacturing careers. The core/foundation skills include Fluid Power (Hydraulics/Pneumatics), Design Processes (CAD), Automated Materials Handling (Robotics), Electricity/Electronics, Quality Assurance, Manufacturing Processes (Machining), and Welding. Basic concepts and safety for each of these areas are taught through self-paced, computerized modules. Prerequisite: Basic knowledge of Math and Science
61052	Engineering / Emerging Technology - B	11-12	B	.5	This course is an intensive hands-on program designed to prepare the students in skills necessary to successfully enter manufacturing careers. The core/foundation skills include Fluid Power (Hydraulics/Pneumatics), Design Processes (CAD), Automated Materials Handling (Robotics), Electricity/Electronics, Quality Assurance, Manufacturing Processes (Machining), and Welding. Basic concepts and safety for each of these areas are taught through self-paced, computerized modules. Prerequisite: Basic knowledge of Math and Science
61162	Engineering / Emerging Technology – A	11-12	A	.5	This course is an intensive hands-on program designed to prepare the students in skills necessary to successfully enter manufacturing careers. The core/foundation skills include Fluid Power (Hydraulics/Pneumatics), Design Processes (CAD), Automated Materials Handling (Robotics), Electricity/Electronics, Quality Assurance, Manufacturing Processes (Machining), and Welding. Basic concepts and safety for each of these areas are taught through self-paced, computerized modules. Prerequisite: Basic knowledge of Math and Science
61163	Engineering / Emerging Technology – B	11-12	B	.5	This course is an intensive hands-on program designed to prepare the students in skills necessary to successfully enter manufacturing careers. The core/foundation skills include Fluid Power (Hydraulics/Pneumatics), Design Processes (CAD), Automated Materials Handling (Robotics), Electricity/Electronics, Quality Assurance, Manufacturing Processes (Machining), and Welding. Basic concepts and safety for each of these areas are taught through self-paced, computerized modules.

					Prerequisite: Basic knowledge of Math and Science
61076	Transportation Technology - A	11-12	A	.5	<p>The Transportation Cluster is a highly technical and hands-on program designed to prepare students with the skills necessary to successfully enter into transportation related careers. I this multi-year program, the student will gain core and foundation skills related to gas and diesel engine theory, basic mechanical and electrical principals and the use of computerized diagnostic tools and equipment. Students will gain competency in safety concepts, equipment operation and measuring as well ass diagnostic interpretation.</p> <p>Prerequisite: Math application skills</p>
61077	Transportation Technology – B	11-12	B	.5	<p>The Transportation Cluster is a highly technical and hands-on program designed to prepare students with the skills necessary to successfully enter into transportation related careers. I this multi-year program, the student will gain core and foundation skills related to gas and diesel engine theory, basic mechanical and electrical principals and the use of computerized diagnostic tools and equipment. Students will gain competency in safety concepts, equipment operation and measuring as well as diagnostic interpretation.</p> <p>Prerequisite: Math application skills</p>
61079	Transportation Technology – A	11-12	A	.5	<p>The Transportation Cluster is a highly technical and hands-on program designed to prepare students with the skills necessary to successfully enter into transportation related careers. I this multi-year program, the student will gain core and foundation skills related to gas and diesel engine theory, basic mechanical and electrical principals and the use of computerized diagnostic tools and equipment. Students will gain competency in safety concepts, equipment operation and measuring as well as diagnostic interpretation.</p> <p>Prerequisite: Math application skills</p>
61080	Transportation Technology – B	11-12	B	.5	<p>The Transportation Cluster is a highly technical and hands-on program designed to prepare students with the skills necessary to successfully enter into transportation related careers. I this multi-year program, the student will gain core and foundation skills related to gas and diesel engine theory, basic mechanical and electrical principals and the use of computerized diagnostic tools and equipment. Students will gain competency in safety concepts, equipment operation and measuring as well as diagnostic interpretation.</p> <p>Prerequisite: Math application skills</p>
61227	General Motors Academy – A	11-12	A	.5	<p>This academy is a collaborative between General Motors Milford Proving Ground and Oakland Schools. One day per month, students in this academy attend classes at the General Motors Milford Providing Ground to receive special instruction in testing and validation of future vehicles. Instructional Units include: body sealing, product electronics, acoustical/model analysis, dynamometer engine noise/vibration, strain gage and emission testing. Students from the GMA@OS Academy can be placed as paid interns at the General Motors Milford Proving Ground.</p>

					Prerequisite: Interest
61228	General Motors Academy – B	11-12	B	.5	<p>This academy is a collaborative between General Motors Milford Proving Ground and Oakland Schools. One day per month, students in this academy attend classes at the General Motors Milford Proving Ground to receive special instruction in testing and validation of future vehicles. Instructional Units include: body sealing, product electronics, acoustical/model analysis, dynamometer engine noise/vibration, strain gage and emission testing. Students from the GMA@OS Academy can be placed as paid interns at the General Motors Milford Proving Ground.</p> <p>Prerequisite: Interest</p>
61220	Dealership Summer Job - A	11-12	A	.5	<p>This academy is a partnership with the Detroit Automotive Dealers Association (DADA) launched in the Spring of 2002 at all four OS technical campuses. This academy is part of the transportation cluster and gives high school junior and seniors a chance to explore careers at dealerships and other automotive-related retail facilities. AYES students learn the basics of automotive technology, in addition to relevant math, science and communications skills. They also learn through on-the-job experiences at participating dealerships and retail facilities. Upon graduation, students can move directly into full-time employment at a dealership or pursue further studies at the college level. The transportation program has national Automotive Service Excellence (ASE) Certification.</p> <p>Prerequisite: Interest</p>
61225	Dealership Summer Job – B	11-12	B	.5	<p>This academy is a partnership with the Detroit Automotive Dealers Association (DADA) launched in the Spring of 2002 at all four OS technical campuses. This academy is part of the transportation cluster and gives high school junior and seniors a chance to explore. This course is designed to assist students with the study of psychology. Students will learn about biological psychology and the brain, personality theory and psychoanalysis, memory, perception, and how to conduct psychological research.</p> <p>Prerequisite: Non-careers at dealerships and other automotive-related retail facilities. AYES students learn the basics of automotive technology, in addition to relevant math, science and communications skills. They also learn through on-the-job experiences at participating dealerships and retail facilities. Upon graduation, students can move directly into full-time employment at a dealership or pursue further studies at the college level. The transportation program has national Automotive Service Excellence (ASE) Certification.</p> <p>Prerequisite: Interest</p>
61214	Agriscience and Natural Resources – A	11-12	A	.5	<p>This two-year program is designed to prepare students with the skills needed to successfully enter into the following career areas: Technology is a significant component of the curriculum in the areas of aquaculture, hydroponics, tissue culture, and the veterinary technician program. The curriculum also includes</p>

					greenhouse, schoolyard wildlife habitat, rain forest, animal laboratory, florist, poultry, habitat and small business management. Prerequisite: Math and Science application skills
61215	Agriscience and Natural Resources - B	11-12	B	.5	This two-year program is designed to prepare students with the skills needed to successfully enter into the following career areas: Technology is a significant component of the curriculum in the areas of aquaculture, hydroponics, tissue culture, and the veterinary technician program. The curriculum also includes greenhouse, schoolyard wildlife habitat, rain forest, animal laboratory, florist, poultry, habitat and small business management. Prerequisite: Math and Science application skills
61165	Agriscience and Natural Resources - A	11-12	A	.5	This two-year program is designed to prepare students with the skills needed to successfully enter into the following career areas: Technology is a significant component of the curriculum in the areas of aquaculture, hydroponics, tissue culture, and the veterinary technician program. The curriculum also includes greenhouse, schoolyard wildlife habitat, rain forest, animal laboratory, florist, poultry, habitat and small business management. Prerequisite: Math and Science application skills
61166	Agriscience and Natural Resources - B	11-12	B	.5	This two-year program is designed to prepare students with the skills needed to successfully enter into the following career areas: Technology is a significant component of the curriculum in the areas of aquaculture, hydroponics, tissue culture, and the veterinary technician program. The curriculum also includes greenhouse, schoolyard wildlife habitat, rain forest, animal laboratory, florist, poultry, habitat and small business management. Prerequisite: Math and Science application skills
61125	Teacher Education & Training - A	11-12	A	.5	Students will have a chance to look at the profession from both the teacher's and learner's perspective, learn about the administration of Michigan's public schools and school district governance, and take field trips to model schools and universities - all in an effort to help students explore the education profession and understand the responsibilities associated with education and training. Prerequisite: Desire to become a teacher
61126	Teacher Education & Training - B	11-12	B	.5	Students will have a chance to look at the profession from both the teacher's and learner's perspective, learn about the administration of Michigan's public schools and school district governance, and take field trips to model schools and universities - all in an effort to help students explore the education profession and understand the responsibilities associated with education and training. Prerequisite: Desire to become a teacher
61133	Teacher Education & Training - A	11-12	A	.5	Students will have a chance to look at the profession from both the teacher's and learner's perspective, learn about the administration of Michigan's public schools and school district governance, and take field trips to model schools and universities - all in an effort to help students explore the education profession and understand the responsibilities associated with education and training. Prerequisite: Desire to become a teacher
61134	Teacher Education &	11-12	B	.5	Students will have a chance to look at the profession from both the teacher's and

	Training – B				<p>learner’s perspective, learn about the administration of Michigan’s public schools and school district governance, and take field trips to model schools and universities – all in an effort to help students explore the education profession and understand the responsibilities associated with education and training.</p> <p>Prerequisite: Desire to become a teacher</p>
6239	Cosmetology NE Campus – A	11-12	A	.5	<p>The primary purpose of this course is to train students in the basic manipulative skills, safety judgments, proper work habits, and desirable attitudes necessary to obtain licensure and for competency in entry-level positions in cosmetology or a related career field. The complete cosmetology course requires a minimum of 1500-clock hours to complete. During this period of time, students will learn the core curriculum and the basic skills for cosmetology.</p> <p>Prerequisite: Must be a junior or senior</p>
63230	Cosmetology NE Campus - B	11-12	B	.5	<p>The primary purpose of this course is to train students in the basic manipulative skills, safety judgments, proper work habits, and desirable attitudes necessary to obtain licensure and for competency in entry-level positions in cosmetology or a related career field. The complete cosmetology course requires a minimum of 1500-clock hours to complete. During this period of time, students will learn the core curriculum and the basic skills for cosmetology.</p> <p>Prerequisite: Must be a junior or senior</p>
63232	Cosmetology NE Campus – A	11-12	A	.5	<p>The primary purpose of this course is to train students in the basic manipulative skills, safety judgments, proper work habits, and desirable attitudes necessary to obtain licensure and for competency in entry-level positions in cosmetology or a related career field. The complete cosmetology course requires a minimum of 1500-clock hours to complete. During this period of time, students will learn the core curriculum and the basic skills for cosmetology.</p> <p>Prerequisite: Must be a junior or senior</p>
63236	Cosmetology NE Campus – B	11-12	B	.5	<p>The primary purpose of this course is to train students in the basic manipulative skills, safety judgments, proper work habits, and desirable attitudes necessary to obtain licensure and for competency in entry-level positions in cosmetology or a related career field. The complete cosmetology course requires a minimum of 1500-clock hours to complete. During this period of time, students will learn the core curriculum and the basic skills for cosmetology.</p> <p>Prerequisite: Must be a junior or senior</p>

E20/20 CREDIT RECOVERY					
83005	E20/20 Credit Recovery Courses	10-12		.5	<p>Prerequisite: Counselor approval required *Catalog of E20/20 courses: www.education2020.com</p>

WORLD LANGUAGE COURSES

COURSE NUMBER	TOPIC	GRADE	# OF SEMESTERS	# OF CREDITS	COURSE DESCRIPTION / PREREQUISITE
60305	Spanish I - A	9-12	A	.5	This course will prepare students to function in an appropriate fashion in four linguistic skill areas: listening, speaking, reading, and writing. Students will be introduced to the Spanish culture while studying the people and customs of Spanish-speaking countries. Prerequisite: None
60306	Spanish I - B	9-12	B	.5	This course will prepare students to function in an appropriate fashion in four linguistic skill areas: listening, speaking, reading, and writing. Students will be introduced to the Spanish culture while studying the people and customs of Spanish-speaking countries. Prerequisite: None
60307	Spanish II - A	9-12	A	.5	This course will continue the skills learned in Spanish I through a systematic reentry of grammar and vocabulary. Students will continue to attain proficiency in the four skills of listening, speaking, reading, and writing. The language will be presented within the context of Spanish-speaking countries and their cultures. Prerequisite: Spanish I
60308	Spanish II - B	9-12	B	.5	This course will continue the skills learned in Spanish I through a systematic reentry of grammar and vocabulary. Students will continue to attain proficiency in the four skills of listening, speaking, reading, and writing. The language will be presented within the context of Spanish-speaking countries and their cultures. Prerequisite: Spanish I
60317	French I - A	9-12	A	.5	This course will prepare students to function in an appropriate fashion in four linguistic skill areas: listening, speaking, reading, and writing. Students will be introduced to the French culture while studying the people and customs of French-speaking countries. Prerequisite: None
60318	French I - B	9-12	B	.5	This course will prepare students to function in an appropriate fashion in four linguistic skill areas: listening, speaking, reading, and writing. Students will be introduced to the French culture while studying the people and customs of French-speaking countries. Prerequisite: None

60325	French II - A	9-12	A	.5	<p>This course will continue the skills learned in French I through a systematic reentry of grammar and vocabulary. Students will continue to attain proficiency in the four skills of listening, speaking, reading, and writing. The language will be presented within the context of French-speaking countries and their cultures.</p> <p>Prerequisite: French I</p>
60326	French II - B	9-12	B	.5	<p>This course will continue the skills learned in French I through a systematic reentry of grammar and vocabulary. Students will continue to attain proficiency in the four skills of listening, speaking, reading, and writing. The language will be presented within the context of French-speaking countries and their cultures.</p> <p>Prerequisite: French I</p>

CENTER FOR ADVANCED STUDIES & ARTS (CASA) COURSES

COURSE NUMBER	TOPIC	GRADE	# OF SEMESTERS	# OF CREDITS	COURSE DESCRIPTION / PREREQUISITE
COMPUTER SCIENCE					
62587	AP Computer Science A I & II - A	11-12	A	.5	Advanced Placement Computer Science is the study of computer applications and their development. In this course, students will learn how to write programs using the Java programming language. Topics covered include object-oriented programming concepts, the logic and design of control structures, use of variables and data types, simple data structures, recursive methods and the planning and creation of complex programs. Prerequisite: Advanced Algebra
62588	AP Computer Science A I & II - B	11-12	B	.5	Advanced Placement Computer Science is the study of computer applications and their development. In this course, students will learn how to write programs using the Java programming language. Topics covered include object-oriented programming concepts, the logic and design of control structures, use of variables and data types, simple data structures, recursive methods and the planning and creation of complex programs. Prerequisite: Advanced Algebra
62599	AP Computer Science AB I & II - A	11-12	A	.5	Advanced Placement Computer Science is the continuation of the study of computer applications and their development. In this course, students will learn how to write programs using the Java programming language. Topics covered include object-oriented programming concepts, the logic and design of control structures, use of variables and data types, simple data structures, recursive methods and the planning and creation of complex programs. Prerequisite: Advanced Algebra
62500	AP Computer Science AB I & II - B	11-12	B	.5	Advanced Placement Computer Science is the continuation of the study of computer applications and their development. In this course, students will learn how to write programs using the Java programming language. Topics covered include object-oriented programming concepts, the logic and design of control structures, use of variables and data types, simple data structures, recursive methods and the planning and creation of complex programs. Prerequisite: Advanced Algebra
ENGLISH					
62561	AP English Language	11-12	A	.5	Advanced Placement English Language and Composition is a year-long (two

	/ Composition I & II - A				semesters) college level in which students will learn to read complex texts with greater understanding and develop richness, clarity, and complexity in their own writing. Prerequisite: B average in English
62563	AP English Language / Composition I & II - B	11-12	B	.5	Advanced Placement English Language and Composition is a year-long (two semesters) college level in which students will learn to read complex texts with greater understanding and develop richness, clarity, and complexity in their own writing. Prerequisite: B average in English
63233	AP English Literature and Composition A	11-12	A	.5	This one-year course will prepare students for AP Literature and Composition Examination for possible college credit. First semester students will engage in the careful reading and critical analysis of imaginative literature – fiction, non-fiction, drama, and poetry. Second semester will continue the study of literature with more emphasis on student analysis, developing a working literary vocabulary, and thinking and writing critically. Prerequisite: B average in English
63234	AP English Literature and Composition B	11-12	B	.5	This one-year course will prepare students for AP Literature and Composition Examination for possible college credit. First semester students will engage in the careful reading and critical analysis of imaginative literature – fiction, non-fiction, drama, and poetry. Second semester will continue the study of literature with more emphasis on student analysis, developing a working literary vocabulary, and thinking and writing critically. Prerequisite: B average in English
62577	AP World Mythology I & II A	11-12	A	.5	Students will read myths of seven major cultural groups. First semester covers Greek, Roman, and Middle Eastern culture. Northern Europe, Britain, the Far East and Pacific Islands, Africa, and the Americas will be studied second semester. Prerequisite: B average in English
62580	AP World Mythology I & II B	11-12	B	.5	This one-year course will prepare students for AP Literature and Composition Examination for possible college credit. First semester students will engage in the careful reading and critical analysis of imaginative literature – fiction, non-fiction, drama, and poetry. Second semester will continue the study of literature with more emphasis on student analysis, developing a working literary vocabulary, and thinking and writing critically. Prerequisite: B average in English
62560	Debate I – A	10-12	A	.5	This course enables students to research a given proposition and then logically, clearly and forcefully argue pro or con relating to that issue. Students are expected to participate in structured debates throughout the semester. Research

					<p>makes up a major portion of this course. This course is an excellent companion for Forensics.</p> <p>Prerequisite: Grade 10 with counselor approval</p>
62562	Debate I – B	10-12	B	.5	<p>This course enables students to research a given proposition and then logically, clearly and forcefully argue pro or con relating to that issue. Students are expected to participate in structured debates throughout the semester. Research makes up a major portion of this course. This course is an excellent companion for Forensics.</p> <p>Prerequisite: Grade 10 with counselor approval</p>
62617	Forensic Science I - A	10-12	A	.5	<p>This course prepares students for participation in forensic contests. Activities include extemporaneous speaking, interpretative reading, persuasive presentations and other oratorical forms. Students are expected to compete in structured activities and classroom competitions. This course is an excellent companion for Debate.</p> <p>Prerequisite: Grade 10 with counselor approval</p>
62619	Forensic Science I – B	10-12	B	.5	<p>This course prepares students for participation in forensic contests. Activities include extemporaneous speaking, interpretative reading, persuasive presentations and other oratorical forms. Students are expected to compete in structured activities and classroom competitions. This course is an excellent companion for Debate.</p> <p>Prerequisite: Grade 10 with counselor approval</p>
63257	Literature, History & Culture of the 60's	11-12	A	.5	<p>Student social action of the 60's as expressed in selected prose related to the civil rights' movement, the anti-war movement, the feminist movement, and the ecological movement will be explored. We will grapple with the issues the activists faced, explore their motives, study the tactics they used, and determine if these two generations are different, how they are different, and what can be learned from the social expressions of the past. Classic films and music will be a prominent feature. A research project will culminate the course.</p> <p>Prerequisite: B average in English</p>
62606	Philosophy I & II - A	11-12	A	.5	<p>Over 2500 years of western civilization, man has questioned the meaning and purpose of his existence. Indeed, he questions existence itself. Upon what basis have human beings constructed their value systems, and are there universal truths? These and other questions will provide the focus of study in this course. First semester begins with Pre-Socrates, Plato, and Aristotle, and ends with Friedrich Nietzsche and the will to power. Karl Marx opens the second semester that ends with the 20th century's Existentialism, Phenomenology, and ancient and current Asian philosophy. This course is taught at a college level.</p> <p>Prerequisite: Accepted for one semester</p>
62607	Philosophy I & II - B	11-12	B	.5	<p>Over 2500 years of western civilization, man has questioned the meaning and purpose of his existence. Indeed, he questions existence itself. Upon what basis have human beings constructed their value systems, and are there universal truths? These and other questions will provide the focus of study in this course.</p>

					<p>First semester begins with Pre-Socrates, Plato, and Aristotle, and ends with Friedrich Nietzsche and the will to power. Karl Marx opens the second semester that ends with the 20th century's Existentialism, Phenomenology, and ancient and current Asian philosophy. This course is taught at a college level.</p> <p>Prerequisite: Accepted for one semester</p>
FINE ARTS					
62554	Dance I - A	10-12	A	.5	<p>This course is designed to enhance the students' knowledge of dance as a performing art. The areas of concentration are different forms of jazz, ballet, some tap, and modern styles of dance. The course emphasizes performance and the students actively participate in the development of dance productions. Students may repeat this course for additional credit. Attendance on a daily basis is crucial to be successful in this performance class and is factored into the final grade. Students will provide their own personal dance clothes and jazz shoes.</p> <p>Prerequisite: Previous dance experience</p>
62555	Dance I - B	10-12	B	.5	<p>This course is designed to enhance the students' knowledge of dance as a performing art. The areas of concentration are different forms of jazz, ballet, some tap, and modern styles of dance. The course emphasizes performance and the student actively participates in the development of dance productions. Students may repeat this course for additional credit. Attendance on a daily basis is crucial to be successful in this performance class and is factored into the final grade. Students will provide their own personal dance clothes and jazz shoes.</p> <p>Prerequisite: Previous dance experience</p>
62611	Music History I & II - A	10-12	A	.5	<p>This course is designed for those students who would like to learn about all kinds of music from both listening and reading activities. The one semester course is a survey of the literature and history of music from the Renaissance through modern, including jazz. The lives of various composers and their works will be studied in reference to the musical practices, politics, art and literature of their times. Select works, representative of each era or century, will be studied and listened to in greater detail.</p> <p>Prerequisite: Ability to read music is not necessary, but helpful</p>
62612	Music History I & II - B	10-12	B	.5	<p>This course is designed for those students who would like to learn about all kinds of music from both listening and reading activities. The one semester course is a survey of the literature and history of music from the Renaissance through modern, including jazz. The lives of various composers and their works will be studied in reference to the musical practices, politics, art and literature of their times. Select works, representative of each era or century, will be studied and listened to in greater detail.</p> <p>Prerequisite: Ability to read music is not necessary, but helpful</p>
62565	Sculpture I & II - A	10-12	A	.5	<p>The Sculpture class is a two-hour block of instruction that introduces students to the basic of three-dimensional design theory and allows them to work in a wide</p>

					<p>variety of sculptural media. Students explore techniques such as casting, modeling, carving and construction. Students produce finished works that are suitable for portfolio presentation and / or exhibition.</p> <p>Prerequisite: Students who are seriously interested in three dimensional art. <u>Grade 10 students require an instructor's recommendation</u></p>
62566	Sculpture I & II - B	10-12	B	.5	<p>The Sculpture class is a two-hour block of instruction that introduces students to the basic of three-dimensional design theory and allows them to work in a wide variety of sculptural media. Students explore techniques such as casting, modeling, carving and construction. Students produce finished works that are suitable for portfolio presentation and / or exhibition.</p> <p>Prerequisite: Students who are seriously interested in three dimensional art. <u>Grade 10 students require an instructor's recommendation</u></p>
62544	AP Studio Art I & II - A	11-12	A	.5	<p>This course will address three major concerns that are constants in the teaching of art: (1) a sense of quality in a student's work; (2) the student's concentration on a particular visual interest or problem; and (3) the student's need for breadth of experience in the formal, technical, and expressive means of the artist. AP work will reflect these three areas of concern: quality, concentration, and breadth. Students will need to work outside the classroom, as well as in it, and beyond scheduled periods. AP Studio Art involves significantly more commitment and accomplishment than the typical high school course and is not designed for the casual interested student.</p> <p>A course fee is assessed for slide development for the AP Exam in May.</p> <p>Prerequisite: This class is designed for the serious art student who wishes to achieve college credit with the compilation of a supervised portfolio</p>
62545	AP Studio Art I & II - B	11-12	B	.5	<p>This course will address three major concerns that are constants in the teaching of art: (1) a sense of quality in a student's work; (2) the student's concentration on a particular visual interest or problem; and (3) the student's need for breadth of experience in the formal, technical, and expressive means of the artist. AP work will reflect these three areas of concern: quality, concentration, and breadth. Students will need to work outside the classroom, as well as in it, and beyond scheduled periods. AP Studio Art involves significantly more commitment and accomplishment than the typical high school course and is not designed for the casual interested student.</p> <p>A course fee is assessed for slide development for the AP Exam in May.</p> <p>Prerequisite: This class is designed for the serious art student who wishes to achieve college credit with the compilation of a supervised portfolio</p>

62571	AP Music Theory I & II - A	11-12	A	.5	<p>This course will seek first to instill mastery of the rudiments and terminology of music, including hearing and notating pitches, intervals, scales and keys, cords, metric organization, and rhythmic patterns. Like most first-year college courses, AP Music Theory will emphasize reading, notating, composing, singing, and listening to music.</p> <p>Prerequisite: Students should have acquired at least basic performance skills in voice or on an instrument</p>
62575	AP Music Theory I & II - B	11-12	B	.5	<p>This course will seek first to instill mastery of the rudiments and terminology of music, including hearing and notating pitches, intervals, scales and keys, cords, metric organization, and rhythmic patterns. Like most first-year college courses, AP Music Theory will emphasize reading, notating, composing, singing, and listening to music.</p> <p>Prerequisite: Students should have acquired at least basic performance skills in voice or on an instrument</p>
WORLD LANGUAGES					
62568	Chinese I A	11-12	A	.5	<p>Students are introduced to basic grammar and a set of vocabulary generally recognized as useful in everyday communication. Students will also be introduced to the written forms of Chinese. Various aspects of Chinese culture are also introduced.</p> <p>Prerequisite: B or better in last English class</p>
62573	Chinese I B	11-12	B	.5	<p>Students are introduced to basic grammar and a set of vocabulary generally recognized as useful in everyday communication. Students will also be introduced to the written forms of Chinese. Various aspects of Chinese culture are also introduced.</p> <p>Prerequisite: B or better in last English class</p>
70104	Japanese I A	10-12	A	.5	<p>This course is the first of a two-year sequence designed to develop the student's ability to use the Japanese language. Additionally, there will be selected cultural experiences designed to provide students an awareness and application of other aspects of the country's culture.</p> <p>Grade 10 with written counselor approval only and B or better in English</p>
70105	Japanese I B	10-12	B	.5	<p>This course is the first of a two-year sequence designed to develop the student's ability to use the Japanese language. Additionally, there will be selected cultural experiences designed to provide students an awareness and application of other aspects of the country's culture.</p> <p>Grade 10 with written counselor approval only and B or better in English</p>

61017	Russian I A	11-12	A	.5	This course is the first of a two-year sequence designed to develop the student's ability to use the Russian language. Additionally, there will be selected cultural experiences designed to provide students an awareness and application of other aspects of the country's culture. Grade 10 with written counselor approval only and B or better in English
61018	Russian I B	11-12	B	.5	This course is the first of a two-year sequence designed to develop the student's ability to use the Russian language. Additionally, there will be selected cultural experiences designed to provide students an awareness and application of other aspects of the country's culture. Grade 10 with written counselor approval only and B or better in English
62551	Japanese II A	11-12	A	.5	This course is designed to extend the language skills developed in Japanese I. Students will continue to learn about Japanese history, tradition and culture. Prerequisite: One year of Japanese with a grade of C or better
62552	Japanese II B	11-12	B	.5	This course is designed to extend the language skills developed in Japanese I. Students will continue to learn about Japanese history, tradition and culture. Prerequisite: One year of Japanese with a grade of C or better
62641	Russian II A	11-12	A	.5	This course is designed to extend the language skills developed in Russian I. Students will continue to learn about Russian history, tradition and culture. Prerequisite: One year of Russian
62642	Russian II B	11-12	B	.5	This course is designed to extend the language skills developed in Russian I. Students will continue to learn about Russian history, tradition and culture. Prerequisite: One year of Russian
62622	AP Spanish A	11-12	A	.5	AP Spanish is intended for students who wish to develop their proficiency in all four language skills: listening, speaking, reading and writing. Students should already have a basic knowledge of the language and culture of Spanish-speaking peoples and have attained a reasonable proficiency in listening comprehension, speaking, reading, and writing. Extensive training in the organization and writing of compositions is an integral part in this course. Prerequisite: Three years of Spanish with B average or better
62624	AP Spanish B	11-12	B	.5	AP Spanish is intended for students who wish to develop their proficiency in all four language skills: listening, speaking, reading and writing. Students should already have a basic knowledge of the language and culture of Spanish-speaking peoples and have attained a reasonable proficiency in listening comprehension, speaking, reading, and writing. Extensive training in the organization and writing of compositions is an integral part in this course. Prerequisite: Three years of Spanish with B average or better
SCIENCE					
62532	AP Chemistry I & II - A	11-12	A	.5	This course meets the general objectives of an introductory Chemistry course at the college freshman level. Theoretical and laboratory aspects of Chemistry are emphasized.

					Prerequisite: Chemistry and the equivalent of a second year Algebra with a B average
62533	AP Chemistry I & II - B	11-12	B	.5	This course meets the general objectives of an introductory Chemistry course at the college freshman level. Theoretical and laboratory aspects of Chemistry are emphasized. Prerequisite: Chemistry and the equivalent of a second year Algebra with a B average
62548	Genetics I & II - A	11-12	A	.5	This course is centered on current and future applications of the genetic biotechnology, cloning, genetic engineering, The Human Genome Project and gene therapy. Students should expect highly reading or homework, independent research, in-depth heading and writing, and group activities. Prerequisite: Biology 1 and II, Chemistry I and II (or teacher permission)
62549	Genetics I & II - B	11-12	B	.5	This course is centered on current and future applications of the genetic biotechnology, cloning, genetic engineering, The Human Genome Project and gene therapy. Students should expect highly reading or homework, independent research, in-depth heading and writing, and group activities. Prerequisite: Biology 1 and II, Chemistry I and II (or teacher permission)
63201	AP Environmental Science I & II - A	10-12	A	.5	The AP Environmental Science course is designated to be the equivalent of a one-semester, introductory college course in environmental science. This course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Prerequisite: One year of Biology or Chemistry and one year of Algebra
63202	AP Environmental Science I & II - B	10-12	B	.5	The AP Environmental Science course is designated to be the equivalent of a one-semester, introductory college course in environmental science. This course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Prerequisite: One year of Biology or Chemistry and one year of Algebra
62541	AP Physics I & II - A	11-12	A	.5	This course meets the general objectives of an introductory Physics course at a college freshman level. Theoretical aspects of Physics are emphasized. Prerequisite: Algebra I and II with a B or better
62542	AP Physics I & II - B	11-12	B	.5	This course meets the general objectives of an introductory Physics course at a college freshman level. Theoretical aspects of Physics are emphasized. Prerequisite: Algebra I and II with a B or better
SOCIAL STUDIES					
61251	Comparative Religion I - A	10-12	A	.5	Students will examine Native American Spirituality, Hinduism, Judaism, Buddhism, and Christianity by reading and exposing them to multiple resources, including guest speakers from the Detroit area. Comparisons of various ideas and

					practices will be emphasized. Prerequisite: Grade 10 with counselor approval
61252	Comparative Religion I - B	10-12	B	.5	Students will examine Native American Spirituality, Hinduism, Judaism, Buddhism, and Christianity by reading and exposing them to multiple resources, including guest speakers from the Detroit area. Comparisons of various ideas and practices will be emphasized. Prerequisite: Grade 10 with counselor approval
61253	Comparative Religion II - A	11-12	A	.5	Comparative Religions II will provide an intensive study into Islam, Taoism, Confucianism, Shintoism, and Jainism. This course emphasizes the effect of religion on contemporary world events. Students will gain comprehensive knowledge in history, philosophy and culture of these religions. Introspective speakers and field trips to religious institutions will enrich the study of each religion. Prerequisite: Grade 10 with counselor approval
61271	Comparative Religion II - B	11-12	B	.5	Comparative Religions II will provide an intensive study into Islam, Taoism, Confucianism, Shintoism, and Jainism. This course emphasizes the effect of religion on contemporary world events. Students will gain comprehensive knowledge in history, philosophy and culture of these religions. Introspective speakers and field trips to religious institutions will enrich the study of each religion. Prerequisite: Grade 10 with counselor approval
62523	AP US Government and Politics - A	11-12	A	.5	This course will give students an analytical perspective on government and politics in the United States. Students will use a college text and have extensive readings. Areas of study include: Constitutional underpinning of US Government: political beliefs and behaviors; political parties and interest groups; institutions of the national government; public policy; and civic rights and liberties. Prerequisite: B or better in Social Studies
62524	AP US Government and Politics - B	11-12	B	.5	This course will give students an analytical perspective on government and politics in the United States. Students will use a college text and have extensive readings. Areas of study include: Constitutional underpinning of US Government: political beliefs and behaviors; political parties and interest groups; institutions of the national government; public policy; and civic rights and liberties. Prerequisite: B or better in Social Studies
62582	AP European History - A	11-12	A	.5	The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. In addition to providing a basic narrative of events and movements, the goals of the AP European History course are to develop (a) an understanding of some of the principal themes in modern European history, (b) and ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing.

					Prerequisite: B average or better in History
62583	AP European History - B	11-12	B	.5	The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. In addition to providing a basic narrative of events and movements, the goals of the AP European History course are to develop (a) an understanding of some of the principal themes in modern European history, (b) and ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. Prerequisite: B average or better in History
63221	Criminal Justice I - A	11-12	A	.5	This course will look at the role of the police and courts in modern society and discuss the need for criminal justice. Issues such as constitutional restrictions placed on the law enforcement effort, the organizational structure of police agencies, and the court system will be discussed. An introduction into policing will provide students with historical background. Students will be introduced to various law enforcement agencies through guest speakers and field trips. Prerequisite: None
63222	Criminal Justice I - B	11-12	B	.5	This course will look at the role of the police and courts in modern society and discuss the need for criminal justice. Issues such as constitutional restrictions placed on the law enforcement effort, the organizational structure of police agencies, and the court system will be discussed. An introduction into policing will provide students with historical background. Students will be introduced to various law enforcement agencies through guest speakers and field trips. Prerequisite: None
63223	Criminal Justice II - A	11-12	A	.5	Students will identify the elements of proof required to develop a criminal case for violations against the criminal code. The course will identify processes, officials, and organizations involved in the administration of justice and define the elements of criminal intent, sources of law, and criminal responsibilities. This course will focus on the purpose of correctional institutions and prisons, including boot camps, parole, state and county incarceration. Treatment and rehabilitative programs will be discussed and evaluated. Additionally, students will look at juvenile justice and victimless crimes. Prerequisite: Criminal Justice I
62631	Criminal Justice II - B	11-12	B	.5	Students will identify the elements of proof required to develop a criminal case for violations against the criminal code. The course will identify processes, officials, and organizations involved in the administration of justice and define the elements of criminal intent, sources of law, and criminal responsibilities. This course will focus on the purpose of correctional institutions and prisons, including boot camps, parole, state and county incarceration. Treatment and rehabilitative programs will be discussed and evaluated. Additionally, students will look at juvenile justice and victimless crimes. Prerequisite: Criminal Justice I
62630	AP Psychology - A	11-12	A	.5	AP Psychology introduces students to the systematic and scientific study of the

					<p>behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major fields within psychology. Students will also learn about the methods psychologists use in their science and practice.</p> <p>Prerequisite: B average in Social Studies</p>
62633	AP Psychology - B	11-12	B	.5	<p>AP Psychology introduces students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major fields within psychology. Students will also learn about the methods psychologists use in their science and practice.</p> <p>Prerequisite: B average in Social Studies</p>
63207	AP US History – A	11-12	A	.5	<p>This course is two-semester class that offers a general survey of American history since the 15th and compares to a freshman college course. Extensive reading, writing and study skills useful in college will be emphasized. Interpretation of primary source documents is essential in this class. Students must demonstrate an aptitude for higher order thinking skills, including analysis and evaluation.</p> <p>Prerequisite: B average or better in Social Studies with strong reading/writing skills</p>
63208	AP US History – B	11-12	B	.5	<p>This course is two-semester class that offers a general survey of American history since the 15th and compares to a freshman college course. Extensive reading, writing and study skills useful in college will be emphasized. Interpretation of primary source documents is essential in this class. Students must demonstrate an aptitude for higher order thinking skills, including analysis and evaluation.</p> <p>Prerequisite: B average or better in Social Studies with strong reading/writing skills</p>
63210	Advanced Economics - A	11-12	A	.5	<p>This course is designed to prepare students for the rigors of college economics, which has become a common requirement for many undergraduate programs. Students have the opportunity to study economic principles in the Advanced Placement program, but without the time demands of the formal program. Topics studied will include: national income accounting, macroeconomics stability and analysis, classical and Keynesian theories, equilibrium, fiscal and monetary stabilization policies, supply and demand, elasticity, production costs, revenues, price and output determination, employment of resources, productive and allocable efficiency. Recommended for students who wish to go into business, law, management, engineering, or the humanities.</p> <p>Prerequisite: B average or better in Social Studies</p>
63211	Advanced Economics	11-12	B	.5	<p>This course is designed to prepare students for the rigors of college economics,</p>

	- B				<p>which has become a common requirement for many undergraduate programs. Students have the opportunity to study economic principles in the Advanced Placement program, but without the time demands of the formal program. Topics studied will include: national income accounting, macroeconomics stability and analysis, classical and Keynesian theories, equilibrium, fiscal and monetary stabilization policies, supply and demand, elasticity, production costs, revenues, price and output determination, employment of resources, productive and allocable efficiency. Recommended for students who wish to go into business, law, management, engineering, or the humanities.</p> <p>Prerequisite: B average or better in Social Studies</p>
MATHEMATICS					
62593	AP Statistics I & II - A	11-12	A	.5	<p>This course is the equivalent of an introductory college Statistics course required by many non-mathematical majors. Activity-based learning will be used to demonstrate how unbiased data can be collected and dramatically presented to reveal patterns.</p> <p>Prerequisite: Working knowledge of Algebra II</p>
62594	AP Statistics I & II - B	11-12	B	.5	<p>This course is intended for students with outstanding ability in mathematics. Students will study topics covered by the Calculus BC Advanced Placement Test. The material covered is roughly the equivalent of two semesters of freshman college calculus.</p> <p>Prerequisite: Completion of a pre-calculus course that covered trigonometry</p>
62590	AP Calculus I & II (BC) - A	11-12	A	.5	<p>This course is intended for students with outstanding ability in mathematics. Students will study topics covered by the Calculus BC Advanced Placement Test. The material covered is roughly the equivalent of two semesters of freshman college calculus.</p> <p>Prerequisite: Completion of a pre-calculus course that covered trigonometry</p>
62591	AP Calculus I & II (BC) - B	11-12	B	.5	<p>This course is intended for students with outstanding ability in mathematics. Students will study topics covered by the Calculus BC Advanced Placement Test. The material covered is roughly the equivalent of two semesters of freshman college calculus.</p> <p>Prerequisite: Completion of a pre-calculus course that covered trigonometry</p>

**OAK PARK SCHOOL DISTRICT
ANTIDISCRIMINATION GRIEVANCE PROCEDURE**

Any student who believes that he or she has been discriminated against, denied a benefit, or excluded from participation in any District educational program or activity on the basis of sex (including sexual harassment), race, color, religion, national origin, age, height, weight, marital status, or handicap shall file a written grievance with the Executive Director of Curriculum and Title Programs.

Mr. Stan Trompeter
13900 Granzon
Oak Park, MI 48237
(248) 336-7726

Section II: The person who believes he/she has a valid base for grievance shall discuss the grievance informally and on verbal basis with the Local Civil Rights Coordinator, who shall in turn investigate the complaint and reply with an answer to the complaint. He/she may initiate formal procedures according to the following steps:

Step 1: A written statement of the grievance signed by the complainant shall be submitted to the Local Civil Rights Coordinator within five (5) business days of receipt of answers to the informal complaint. The Coordinator shall further investigate the matters of grievance and reply in writing to the complaint within five (5) days.

Step 2: If the complaint wishes to appeal the decision of the Local Civil Rights Coordinator, he/she may submit a signed statement of appeal to the Superintendent of schools within five (5) business days after receipt of the Coordinator's response. The Superintendent shall meet with all parties involved, formulate a conclusion, and respond in writing to the complainant within ten (10) business days.

Step 3: If the complainant remains unsatisfied he/she may appeal through a signed, written statement to the Board of Education within five (5) business days of his receipt of the Superintendent's response in step two. In an attempt to resolve the grievance, the Board of Education shall meet with the concerned parties and their representative within forty (40) days of the receipt of such an appeal. A copy of the Board's disposition of the appeal shall be sent to each concerned party within ten (10) days of this meeting.

Step 4: If at this point the grievance has not been satisfactorily settled, further appeal may be made to the Office for Civil Rights, Department of Education, Washington, D.C. 20201. Inquiries concerning the non-discriminatory policy may be directed to: Director, Office for Civil Rights, Department of Education, Washington, D.C. 20201. The local Coordinator, on request, will

provide a copy of the district's grievance procedure and investigate all complaints in accordance with procedure. A copy of each of the Acts of Regulations on which this notice is based may be found in the Civil Rights Coordinator's Office.

Additional Provisions

The Superintendent may designate representatives to act for them in their functions as described above.

A grievance not filed or appealed within the specified time limits will be conclusive deemed abandoned. Failure of any administrator or supervisor to hold a meeting or render a decision allows automatic appeal to the next level. Time limits may be extended only by mutual written agreement.

All records concerning a grievance will be treated confidentially. No record of grievance will be kept in a staff member's personnel file if the final decision is that there was no reasonable basis for the grievance. No record of a grievance will be kept in the grievants' file.

BOARD OF EDUCATION

Maxine Gutfreund - President
Marie Reynolds – Vice President
Claudette Lunkins - Secretary
Misty Patterson - Treasurer
Menachem Hojda - Trustee
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Dr. Daveda J. Colbert – Superintendent
Executive Director of Curriculum & Title Programs