

160-4-2-.36 HIGH SCHOOL GRADUATION REQUIREMENTS.

(1) PURPOSE. This rule specifies programs of study that shall be offered by local boards of education and lists specific courses that meet core, required or elective credits for students. This rule becomes effective for students enrolling in the ninth grade for the first time in the 1995-96 school year and for subsequent years.

(2) DEFINITIONS.

(a) Applied Mathematics I - a hands-on laboratory course defined by QCC objectives that utilizes the content of units A, B, C, and 1-15, the related materials, and the methodologies developed by the Center for Occupational Research and Development (CORD).

(b) Applied Mathematics II - a hands-on laboratory course defined by QCC objectives that utilizes the content of units 16-33, the related materials, and the methodologies developed by the Center for Occupational Research and Development (CORD).

(c) Carnegie unit - one unit of credit awarded for a minimum of 150 clock hours of instruction.

(d) Carnegie unit, summer school - one unit of credit awarded for a minimum of 120 clock hours of instruction.

(e) College Preparatory (CP) Program - a program of study requiring 21 Carnegie units as specified by the Georgia Board of Education. Completion of this program is signified by a College Preparatory Diploma.

(f) Center for Occupational Research and Development (CORD) - a consortium of states, including Georgia, formed to develop educational materials in science and mathematics.

(g) Core course (c) for Carnegie unit credit - a course that may be selected to count as one of the 17 core Carnegie unit requirements for the College Preparatory (CP) Diploma or one of the 19 for the Vocational (V) Diploma.

(h) Early admissions - a program in which a high school student enrolls as a full-time postsecondary student and pursues a postsecondary degree in lieu of a high school diploma.

(i) Elective course (e) - a course that a student may select beyond the core requirements to fulfill the 21 Carnegie unit requirements for graduation.

(j) Joint enrollment - an arrangement between a local board of education and a regionally accredited postsecondary public or private institution wherein a student enrolls in postsecondary classes and earns Carnegie units of credit that count toward high school graduation requirements and hours for postsecondary credit.

(k) Postsecondary Options - a joint enrollment program between public schools and public postsecondary institutions wherein a student enrolls in postsecondary classes and earns Carnegie units of credit that count toward high school graduation requirements and postsecondary credit hours.

(l) Programs of study - The courses needed to complete the requirements for the Vocational (V) and/or the College Preparatory (CP) Diplomas.

(m) Required course (r) - a specific course that each student in a program of study shall pass to graduate from high school.

(n) Secondary School Credentials - documents awarded to students at the completion of the high school experience.

1. The College Preparatory or Vocational/Technical High School Diploma Credential - the document awarded to students certifying that they have satisfied attendance requirements, Carnegie unit requirements and the state assessment requirements as referenced in Rule 160-3-1-.07 (Testing Programs - Student Assessment). When a student has satisfied the educational requirements for the Vocational/Technical and/or College Preparatory Program(s), the appropriate diploma(s) will be issued.

2. The High School Performance Certificate - the document awarded to pupils who do not complete all of the criteria for a diploma but who meet all requirements for attendance and Carnegie units.

3. The Special Education Diploma - the document awarded to students with disabilities assigned to a special education program who have not met the state assessment requirements referenced in Rule 160-3-1-.07 (Testing Programs - Student Assessment) or who have not completed all of the requirements for a high school diploma but who have nevertheless completed their Individualized Education Programs (IEP).

(o) Vocational (V) Program - a program of study requiring 21 Carnegie units as specified by the Georgia Board of Education. Completion of this program is signified by a Vocational Diploma.

(3) REQUIREMENTS.

(a) Local boards of education shall provide secondary school curriculum, instructional and support services that reflect the high school graduation and state assessment requirements and assist all students in developing their unique potential to function in society.

(b) Local boards of education shall base local graduation requirements on this rule, shall submit a copy of their locally adopted policy to the Georgia Department of Education and shall have on file a letter from the state superintendent of schools or designee stating that the local policy meets all state requirements.

(c) Each local board of education shall develop policies on postsecondary enrollment as referenced in Rule 160-4-2-.34 (Postsecondary Options) and for joint enrollment and early admission programs not included in 160-4-2-.34 (Postsecondary Options). The policies shall include the criteria for:

1. Nonvocational courses as follows:

(i) Minimum Scholastic Aptitude Test scores of 850 on combined verbal and mathematics sections;

(ii) Minimum cumulative high school grade point average of 3.0 in academic subjects;

(iii) Written verification by high school principal of student's eligibility and intended enrollment;

(iv) Written consent of parent or guardian (if the student is a minor);

(v) The awarding of six Carnegie units of credit for each 45 quarter hours or 30 semester hours or one Carnegie unit for each seven and one-half (7.5) quarter hours or five (5) semester hours successfully completed by a student in an approved postsecondary course. Credit for participation in fewer than seven and one-half (7.5) quarter hours or five (5) semester hours shall be determined by using the same ratio stated above.

(vi) Written agreement for joint enrollment between the local school system and postsecondary institution.

2. Vocational courses as follows:

(i) Vocational courses offered in area vocational-technical schools or junior colleges;

(ii) Inclusion of vocational-technical school or junior college courses in which students are participating;

(iii) Written consent of parent or guardian (if the student is a minor);

(iv) Written verification by high school principal of student's eligibility and intended enrollment;

(v) The awarding of six Carnegie units of credit for each 45 quarter hours or 30 semester hours or one Carnegie unit for each seven and one-half (7.5) quarter hours or five (5) semester hours successfully completed by a student in an approved postsecondary course. Credit for participation in fewer than seven and one-half (7.5) quarter hours or five (5) semester hours shall be determined by using the same ratio stated above.

(vi) Written agreement for joint enrollment between the local school system and postsecondary institution.

(d) Local boards of education shall require that

1. Students who enroll from another state meet the graduation requirements for the graduating class they enter and the state assessment requirements as referenced in Rule 160-3-1-.07 (Testing Programs - Student Assessment).

2. Students who enroll in the ninth grade for the first time in the 1995-96 school year and withdraw shall meet the graduation requirements specified in this rule and the assessment requirements specified in Rule 160-3-1-.07 (Testing Programs - Student Assessment). Students who entered the ninth grade in 1993-94 and 1994-95 shall meet the requirements established in Rule 160-4-2-.06 (High School Graduation Requirements) and the assessment requirements in Rule 160-3-1-.07 (Testing Programs - Student

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Assessment). Students who entered ninth grade prior to 1993-94 shall meet the graduation requirements established in Rule 160-4-2-.30 (High School Graduation Requirements) and the assessment requirements in Rule 160-3-1-.07 (Testing Programs - Student Assessment).

(e) Local boards of education shall include attendance, a passing score on the state assessment requirements as referenced in Rule 160-3-1-.07 (Testing Programs - Student Assessment) and Carnegie units of credit as requirements for graduating from any Georgia high school that receives public funds.

1. Attendance.

(i) Attendance requirements of local boards of education shall be consistent with state compulsory attendance laws.

2. State assessment requirements as referenced in Rule 160-3-1-.07 (Testing Programs - Student Assessment).

(i) Students shall meet state assessment requirements as referenced in Rule 160-3-1-.07 (Testing Programs - Student Assessment) to be eligible for a diploma.

(ii) A student who has no means of written communication due to a severe physical disability shall not be required to take the writing portion of the state assessment requirements as specified in Rule 160-3-1-.07 (Testing Programs - Student Assessment).

3. CARNEGIE UNITS.

(i) All state-supported high schools shall make available to all students the programs of study for the required College Preparatory and Vocational Diplomas.

(ii) A course shall count only once for satisfying any Carnegie unit requirement for graduation. The same course cannot be used to satisfy a Carnegie unit requirement in more than one core area of study. See the following chart.

(iii) CORE AREAS OF STUDY	CP	V
(I) English Language Arts	4	4
(II) Mathematics	3	3
(III) Science	3	3
(IV) Social Studies	3	3
(V) Health and Physical Education	1	1
(VI) Computer Technology and/or Fine Arts and/or Vocational Education and/or Junior ROTC and/or Foreign Language	1	1
(VII) Foreign Language	2	0
(VIII) Vocational Diploma units	0	4
(IX) Locally required or elective units	4	2
<hr/>		
(iv) TOTAL UNITS (MINIMUM)	21	21

**4. REQUIRED/CORE/ELECTIVE CREDIT.**

(i) Carnegie unit credit for graduation shall be awarded only for courses that include concepts and skills based on the Quality Core Curriculum (QCC).

(ii) Carnegie unit credit for core courses shall be awarded only for courses that include concepts and skills based on the QCC for grades 9-12. The Individualized Education Program (IEP) shall specify whether core courses taken as part of an IEP shall receive core Carnegie unit credit.

(iii) Either elective course credit or no course credit shall be awarded for courses in which instruction is based on the QCC for grades K-8.

**5. AREAS OF STUDY.**

(i) Courses that shall earn Carnegie unit credit in English/language arts, mathematics, science, social studies, health/physical education, foreign languages, military science, music, visual arts, dance, drama, computer science, education, humanities, personal/interpersonal/social skills and vocational education are listed in Appendix A of this rule.

**6. REQUIRED PROCEDURES FOR AWARDING CARNEGIE UNITS OF CREDIT.**

(i) A Carnegie unit of credit for graduation shall be awarded to students in grades 9-12 only for successful completion of courses of study based on a minimum of 150 clock hours of instruction provided during the regular school year or a minimum of 120 clock hours of instruction in summer school.

(ii) Carnegie units of credit for graduation shall be awarded to high school students participating in any joint enrollment program using the ratio referenced in Rule 160-4-2-.34 (Postsecondary Options).

(iii) Should a local board of education choose to grant Carnegie unit credit for learning that has occurred outside the 9-12 classroom, it shall use the following assessment procedures to award or exempt Carnegie unit credit in lieu of class enrollment: evaluation of the student's transcript for course equivalency and/or a proficiency test and/or actual classroom performance to determine mastered prerequisite skills. Equivalency credit shall be shown on the transcript.

**7. LOCAL AUTHORITIES AND RESPONSIBILITIES.**

(i) Local boards of education shall provide instructional, support and delivery services. These services shall include, but are not limited to, the following.

(I) A continuous guidance component beginning with the ninth grade. The purposes of the guidance component are to familiarize students with graduation requirements, to help them identify the likely impact of individual career objectives on the program of work studies they plan to follow and to provide annual advisement sessions to report progress and offer alternatives in meeting graduation requirements and career objectives.

(II) Record keeping and reporting services that document student progress toward graduation and include information for the school, parents and students.

(III) Diagnostic and continuous evaluation services that measure individual student progress in meeting competency expectations for graduation.

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(IV) Instructional programs, curriculum and course guides and remedial opportunities to assist each student in meeting graduation requirements.

(V) Appropriate curriculum and assessment procedures for students who have been identified as having disabilities that prevent them from meeting the prescribed competency performance requirements.

Authority O.C.G.A. § 20-2-131; 20-2-140; 20-2-142; 20-2-150(a); 20-2-151(a), (b); 20-2-151.1(a), (b); 20-2-154(a); 20-2-160; 20-2-161.1; 20-2-161.2; 20-2-281(a), (c).

**Adopted: June 8, 1995**

**Effective: July 3, 1995**

Cross Ref: Rule 160-3-1-.07 (Testing Programs - Student Assessment)  
Rule 160-4-2-.03 (List of State Funded Courses)  
Rule 160-4-2-.34 (Postsecondary Options)



APPENDIX A

COURSE NUMBERING SYSTEM LEGEND

This appendix contains the subject listings of all state-funded courses earning Carnegie unit credit for the College Preparatory (CP) and the Vocational (V) programs of study. Courses are numbered to provide consistency in curriculum offerings, reporting and record keeping throughout the state.

The technology to support this system will allow correlation with the nation's Classification of Instructional Programs (CIP) index. Major subject area designations such as General, Specific and Advanced correspond to designations in the CIP. The designations DO NOT indicate programs of study or high school credentials.

The numbering system consists of nine numerical digits plus a decimal. The location of the decimal is after the first two numerical digits, with seven numerical digits to the right of the decimal.

2 1 . 1 2 3 4 5 6 7  
X X . X X X X X X X

The **two numerical digits** to the LEFT of the decimal designate the main subject area field.

EXAMPLES:           23. XXXXXXX = ENGLISH LANGUAGE ARTS  
                      27. XXXXXXX = MATHEMATICS  
                      07. XXXXXXX = BUSINESS ADMINISTRATION

The **first numerical digit** to the RIGHT of the decimal identifies the type of instruction.

EXAMPLE: 23. 0XXXXXX = ENGLISH LANGUAGE ARTS--REGULAR CLASSROOM INSTRUCTION

The following is a list of the codes for the first numerical digit to the right of the decimal.

XX.0	0 = REGULAR
XX.1	1 = REMEDIAL
XX.2	2 = GIFTED
XX.3	3 = DISTANCE LEARNING
XX.4	4 = ONE-HOUR LAB
XX.5	5 = TWO-HOUR LAB
XX.6	6 = THREE-HOUR LAB
XX.7	7 = APPRENTICESHIP
XX.8	8 = SPECIAL EDUCATION (A COURSE TAUGHT BY A SPECIAL EDUCATION TEACHER AND RECEIVING REGULAR COURSE CREDIT)
XX.9	9 = RESERVED FOR FUTURE STATE USE

The second numerical digit to the RIGHT of the decimal identifies the minor subject area.

EXAMPLE: 23. 06XXXXX = ENGLISH LANGUAGE ARTS,  
(9-12) LITERATURE, GENERAL

The third numerical digit to the RIGHT of the decimal identifies the specific course or subject.

EXAMPLE: 23. 061XXXX = ENGLISH LANGUAGE ARTS,  
(9-12) LITERATURE, GENERAL  
NINTH GRADE LITERATURE/COMPOSITION

The fourth numerical digit to the RIGHT of the decimal further identifies the type of course or subject.

EXAMPLE: 23. 0611XXX = ENGLISH LANGUAGE ARTS,  
(9-12) LITERATURE, GENERAL  
NINTH GRADE LITERATURE/COMPOSITION  
e.g., NINTH GRADE LITERATURE/COMPOSITION II

The fifth numerical digit to the RIGHT of the decimal is reserved for state use and to identify transferred course credit. When used to identify transferred credit, the legend below should be used.

- 23. 06100XX = RESERVED FOR STATE USE
- 23. 06101XX = RESERVED FOR STATE USE
- 23. 06102XX = RESERVED FOR STATE USE
- 23. 06103XX = CREDIT IN LIEU OF ENROLLMENT
- 23. 06104XX = JOINT ENROLLMENT POSTSECONDARY OPTION  
CREDIT
- 23. 06105XX = JOINT ENROLLMENT PRIVATE INSTITUTION  
CREDIT
- 23. 06106XX = OUT-OF-STATE PUBLIC SCHOOLS CREDIT  
(ACCREDITED AND NONACCREDITED)
- 23. 06107XX = PRIVATE SCHOOL (IN-STATE AND  
OUT-OF-STATE) CREDIT (ACCREDITED  
AND NONACCREDITED)
- 23. 06108XX = OUT OF U.S.A. CREDIT
- 23. 06109XX = HOME SCHOOL CREDIT

EXAMPLE: 23. 06719XX = ENGLISH LANGUAGE ARTS,  
(9-12) LITERATURE, GENERAL  
NINTH GRADE LITERATURE/COMPOSITION  
COURSE CREDIT TRANSFERRED FROM HOME SCHOOL

The sixth and seventh numerical digits to the RIGHT of the decimal are reserved for local system use. The two zeros (00) used as placeholders for the sixth and seventh digits should be replaced using local system codes.

EXAMPLE: 23.0611000 = ENGLISH LANGUAGE ARTS,  
(9-12) LITERATURE, GENERAL  
NINTH GRADE LITERATURE/COMPOSITION  
NINTH GRADE LITERATURE/COMPOSITION II  
FIFTH DIGIT RESERVED FOR STATE USE. SIXTH  
AND SEVENTH DIGITS RESERVED FOR LOCAL SCHOOL  
SYSTEM USE.

#### SUMMARY OF NUMBERING SYSTEM

The course number system assigns seven digits for state use. The final two digits (the sixth and seventh to the right of the decimal) are assigned for local system use.

[X X . X X X X X][ X X]  
STATE USE LOCAL  
USE

EXAMPLE: 23.XXXXXXX = MAIN SUBJECT AREA--ENGLISH LANGUAGE ARTS  
.OXXXXXX = TYPE OF INSTRUCTION--REGULAR  
.X6XXXXX = MINOR SUBJECT AREA--(9-12) LITERATURE,  
GENERAL  
.XX1XXXX = SPECIFIC COURSE OR SUBJECT--NINTH GRADE  
LITERATURE/COMPOSITION  
.XXXOXXX = IDENTIFIES TYPE OF COURSE OR SUBJECT  
.XXXXOXX = RESERVED FOR STATE USE: TRANSFERRED CREDIT  
.XXXXX00 = SIXTH AND SEVENTH SPACES FOR LEA USE

Any student in the Vocational (V) or College Preparatory (CP) programs of study may select any course listed on the matrix that follows. The one exception to this provision is where the letter "r" appears with course names. These courses are required. They **must** be taken and cannot be substituted with any other course. Any course identified as "c" is a core course and may be selected to count as one of the 17 core Carnegie unit requirements for the CP or one of the 19 requirements for the V seal. A course identified as "e" is an elective course that may be selected beyond the core requirements to fulfill the 21 Carnegie unit requirements.

TYPE OF COURSE LEGEND

r = Required Course  
c = Core Course  
e = Elective Course

**(I) COMPUTER AND OTHER INFORMATIONAL SCIENCES.**

Any course or combination of courses listed below may be selected to earn Carnegie unit credit to satisfy the requirements in Computer Technology for Core Area of Study VI - Computer Technology and/or Fine Arts and/or Vocational Education and/or JROTC and/or Foreign Language for the College Preparatory (CP) and/or the Vocational (V) programs of study.

Any of the courses may be used to satisfy the elective unit requirements.

		CP	V
<b>11.</b>	<b>COMPUTER AND OTHER INFORMATIONAL SCIENCES</b>		
11.01	Computer Science (9-12)		
	11.011 Survey of Technology	c/e	c/e
	11.012 Technology Applications	c/e	c/e
	11.013 Introduction to Programming	c/e	c/e
	11.014 Advanced Programming I	c/e	c/e
	11.015 Advanced Programming II	c/e	c/e
	11.016 Advanced Placement Computer Science, A	c/e	c/e
	11.017 Advanced Placement Computer Science, AB	c/e	c/e
13.01	TEACHER EDUCATION, GENERAL		
	13.012 Teaching As A Profession/Career	e	e

**(II) EDUCATION.**

Teacher education courses are designed to introduce and provide students with observation of and participation in the teaching/learning process and to encourage students to enter the teaching profession. Any of the courses may be used to satisfy elective unit requirements.

**13. EDUCATION**

13.01	Teacher Education, General		
	13.011 Introduction to Teaching	e	e
	13.012 Teaching as Profession/Career	e	e

## (III) ENGLISH LANGUAGE ARTS.

For the College Preparatory and Vocational programs of study, at least one-half Carnegie unit of credit in American literature/composition shall be required. This course shall be taught a minimum of two quarters or one semester. All the courses that may satisfy the remaining Carnegie units of credit for a College Preparatory or Vocational program are identified with a "c." The other courses identified with an "e" are electives. Grammar/composition shall be a component of all courses and shall be integrated into the course of study, not isolated.

## 23. ENGLISH LANGUAGE ARTS

	CP	V
23.02 ENGLISH LANGUAGE ARTS, HIGH SCHOOL (9-12), CLASSICS AND COMPARATIVE LITERATURE		
23.021 Mythology, (Greek, Roman, Norse)	e	e
23.022 Comparative Literature/Composition	c/e	c/e
23.03 ENGLISH LANGUAGE ARTS, (9-12), COMPOSITION, SPECIFIC		
23.031 Writer's Workshop	c/e	c/e
23.032 Journalism I	e	e
23.033 Journalism II	e	e
23.034 Advanced Composition	c/e	c/e
23.035 Journalism III	e	e
23.036 Journalism IV	e	e
23.04 ENGLISH LANGUAGE ARTS, (9-12), LINGUISTICS		
23.041 History of the English Language	e	e
23.042 Oral/Written Communication (Speech)	e	c/e
23.043 Advanced Placement Language/Composition	c/e	c/e
23.046 Speech/Forensics I	e	e
23.047 Speech/Forensics II	e	e
23.048 Speech/Forensics III	e	e
23.049 Speech/Forensics IV	e	e
23.05 ENGLISH LANGUAGE ARTS, (9-12), LITERATURE, AMERICAN AND BRITISH		
23.051 American Literature/Composition	r	r
23.052 English Literature/Composition	c/e	c/e

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		CP	V
23.06	ENGLISH LANGUAGE ARTS, (9-12), LITERATURE, GENERAL		
23.061	Ninth Grade Literature/ Composition	c/e	c/e
23.062	Tenth Grade Literature/ Composition	c/e	c/e
23.063	World Literature/Composition	c/e	c/e
23.064	Literary Types/Composition	c/e	c/e
23.065	Advanced Placement Literature/ Composition	c/e	c/e
23.066	Contemporary Literature/Composition	c/e	c/e
23.067	Multicultural Literature/ Composition	c/e	c/e
23.068	International Baccalaureate English 11	c/e	c/e
23.069	International Baccalaureate English 12	c/e	c/e
23.0611	International Baccalaureate Communication	c/e	c/e
23.07	ENGLISH LANGUAGE ARTS, (9-12), TECHNICAL AND BUSINESS WRITING		
23.471	Applied Communication Lab I	e	c/e
23.472	Applied Communication Lab II	e	c/e
23.08	ENGLISH LANGUAGE ARTS, (9-12), READING		
23.081	Communication Skills	e	c/e
23.082	Reading Enrichment	e	c/e
23.183	Basic Reading/Writing I	e	e
23.184	Basic Reading/Writing II	e	e
23.185	Basic Reading/Writing III	e	e
23.186	Basic Reading/Writing IV	e	e
23.09	ENGLISH TO SPEAKERS OF OTHER LANGUAGES (ESOL), (9-12)		
23.091	English ESOL I	e	e
23.092	English ESOL II	c	c
23.093	English ESOL III	c	c
23.094	English ESOL IV	c	c

**(IV) MATHEMATICS.**

For the College Preparatory (CP) program of study, three Carnegie units of credit of approved mathematics must be earned during grades 9-12. The student record shall show credit or equivalency for each of the core courses of Algebra I (27.061); Euclidean Geometry (27.063) or Informal Geometry (27.062); and Algebra II (27.064). For the student who takes Applied Mathematics I (27.445) and Applied Mathematics II (27.446), the record shall show credit for Applied Mathematics I (27.445), Applied Mathematics II (27.446), Euclidean Geometry (27.063) OR Informal Geometry (27.062), and Algebra II (27.064). If the local board of education granting a diploma determines that equivalent training for any of these core courses has been received elsewhere, e.g., algebra in the middle-school grades, the student record shall show how each equivalency has been earned and for which QCC course(s). Each student must earn at least three CP core credits during grades 9-12. Equivalency credits are not counted as part of the three core credits. The list that follows indicates available additional core courses.

The Vocational (V) program requires that a student earn three Carnegie units of mathematics which shall include, as a minimum, Algebra I or its equivalent. To meet the requirements for Algebra I or its equivalent, a student shall earn a Carnegie unit in (1) Algebra I, OR (2) Fundamentals of Algebra, OR (3) a locally developed course equivalent to Algebra I that has been approved by the Georgia Board of Education, OR (4) earn two Carnegie units by passing both Applied Mathematics I and II.

		CP	V
27.	MATHEMATICS		
27.03	MATHEMATICS, SECONDARY BASIC		
27.131	Basic Mathematics I	e	e
27.132	Basic Mathematics II	e	e
27.133	Basic Mathematics III	e	e
27.134	Basic Mathematics IV	e	e
27.04	MATHEMATICS, SECONDARY GENERAL		
27.041	General Mathematics I	e	c/e
27.042	General Mathematics II	e	c/e
27.043	General Mathematics III	e	c/e
27.044	General Mathematics IV	e	c/e



		CP	V
*	27.445 Applied Mathematics I	c/e	c/e
*	27.446 Applied Mathematics II	c/e	c/e
	27.047 Pre-Algebra	e	c/e
	27.048 Fundamentals of Algebra	e	c/e
* Successful completion of both Applied Mathematics I (27.445) and Applied Mathematics II (27.446) shall satisfy the Algebra I college preparatory requirement if the student subsequently completes successfully Algebra II (27.064) and either Informal Geometry (27.062) or Euclidean Geometry (27.063).			
27.05	STATISTICS		
	27.051 Statistics	c/e	c/e
	27.052 Quantitative Literacy	e	c/e
27.06	COLLEGE PREPARATORY MATHEMATICS		
	27.061 Algebra I	c/e	c/e
	27.062 Informal Geometry	c/e	c/e
	or		
	27.063 Euclidean Geometry	c/e	c/e
	27.064 Algebra II	c/e	c/e
	27.065 Advanced Algebra and Trigonometry	c/e	c/e
	27.066 Senior Mathematics	c/e	c/e
	27.067 Analysis	c/e	c/e
	27.068 Computer Mathematics	c/e	c/e
	27.069 Discrete Mathematics	c/e	c/e
	27.0611 Pre-Calculus	c/e	c/e
	27.0612 International Baccalaureate Mathematics	c/e	c/e
27.07	MATHEMATICS, ADVANCED		
	27.071 Calculus	c/e	c/e
	27.072 Advanced Placement Calculus AB	c/e	c/e
	27.073 Advanced Placement Calculus BC	c/e	c/e

**(V) SCIENCE.**

Students receiving the College Preparatory (CP) and/or the Vocational (V) Diploma(s) shall earn three (3) Carnegie units in science.

Students earning the College Preparatory (CP) diploma shall select one of four options. Option I is the preferred option for the College Preparatory diploma. Science courses that meet the science requirement for graduation shall be year-long courses with the exception of the third Carnegie unit. Year-long courses or two semester courses or three quarter courses may be used to earn the third Carnegie unit in Option IV.

OPTIONS: College Preparatory (CP) Diploma

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- I. Biology 26.412 or 26.414(AP)  
 Chemistry 40.451 or 40.453(AP)  
 Physics 40.481, 40.482, 40.483(AP), or 40.484 (AP)
- 

OPTIONS: College Preparatory (CP) Diploma

- 
- II. Physical Science 40.011/40.411  
 Biology 26.412 or 26.414(AP)  
 Chemistry 40.451 or 40.453(AP)
- 
- III. Physical Science 40.011/40.411  
 Biology 26.412 or 26.414(AP)  
 Physics 40.481, 40.482, 40.483 (AP), or 40.484(AP)
- 
- IV. Physical Science 40.011/40.411  
 Biology 26.412 or 26.414(AP)  
 One other laboratory science Carnegie unit (excluding the Applied Curricula)
- 

Students earning the Vocational (V) diploma shall meet the requirements for the College Preparatory (CP) diploma or shall pass Physical Science or Principles of Technology; Biology (or AP Biology) or Applied Biology/Chemistry; and one other Carnegie unit in science.

OPTIONS: VOCATIONAL (V) DIPLOMA

- 
- V. Physical Science 40.011 or 40.411  
 Biology 26.012 or 26.412 or 26.414 (AP)  
 One other science Carnegie unit
- 
- VI. Principles of Technology 40.412  
 Biology 26.012 or 26.412 or 26.414 (AP)  
 One other science Carnegie unit
- 
- VII. Physical Science 40.011 or 40.411  
 Applied Biology/Chem I 26.416  
 One other science Carnegie unit
- 
- VIII. Principles of Technology 40.412  
 Applied Biology/Chem I 26.416  
 One other science Carnegie unit
-

Science courses that meet the science requirement for graduation shall be year-long courses with the exception of the third Carnegie unit. Year-long courses or two semester courses or three quarter courses may be used to earn the third Carnegie unit in science in Options IV - VIII.

Beginning in fall 1997, all courses meeting the science requirements for graduation must be laboratory-based. Prior to 1997, at least two courses shall be laboratory-based.

		CP	V
26.	LIFE SCIENCES		
26.01	BIOLOGY, GENERAL		
	26.012 Biology I	c/e	c/e
	26.013 Biology II	c/e	c/e
	26.414 Advanced Placement Biology (9-12)	c/e	c/e
	26.015 Genetics	c/e	c/e
	26.416 Applied Biology/Chemistry I	e	c/e
	26.417 Applied Biology/Chemistry II (9-12)	e	c/e
	26.418 International Baccalaureate Biology	c/e	c/e
26.03	BOTANY		
	26.031 Botany	c/e	c/e
26.05	MICROBIOLOGY		
	26.051 Microbiology	c/e	c/e
26.06	OTHER SPECIALIZED AREAS, LIFE SCIENCES		
	26.061 Ecology	c/e	c/e
26.07	ZOOLOGY		
	26.071 Zoology	c/e	c/e
	26.072 Entomology	c/e	c/e
	26.073 Human Anatomy/Physiology	c/e	c/e
40.	PHYSICAL SCIENCES		
40.01	PHYSICAL SCIENCES, GENERAL		
	40.011 Physical Science	c/e	c/e
	40.412 Principles of Technology I	e	c/e
	40.413 Principles of Technology II	e	c/e

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		CP	V
40.02	ASTRONOMY		
	40.021 Astronomy	c/e	c/e
40.04	ATMOSPHERIC SCIENCES AND METEOROLOGY		
	40.041 Meteorology	c/e	c/e
40.05	CHEMISTRY		
	40.051 Chemistry I	c/e	c/e
	40.052 Chemistry II	c/e	c/e
	40.053 Advanced Placement Chemistry (9-12)	c/e	c/e
40.06	GEOLOGICAL SCIENCES		
	40.062 Earth Science	c/e	c/e
	40.063 Geology	c/e	c/e
40.07	OTHER PHYSICAL SCIENCES		
	40.071 Oceanography	c/e	c/e
	40.072 Science, Technology and Society	c/e	c/e
40.08	PHYSICS		
	40.081 Physics I	c/e	c/e
	40.082 Physics II	c/e	c/e
	40.083 Advanced Placement Physics B	c/e	c/e
	40.084 Advanced Placement Physics: C Electricity, Magnetism and Mechanics	c/e	c/e

**(VI) PERSONAL, INTERPERSONAL AND SOCIAL SKILLS.**

**35. PERSONAL, INTERPERSONAL AND SOCIAL SKILLS**

**35.04 PEER FACILITATION**

35.041	Peer Facilitation I	e	e
35.042	Peer Facilitation II	e	e
35.043	Peer Facilitation III	e	e
35.044	Peer Facilitation IV	e	e

**35.05 SOCIAL SKILLS**

35.051	Social Skills I	e	e
35.052	Social Skills II	e	e
35.053	Social Skills III	e	e
35.054	Social Skills IV	e	e

		CP	V
35.06	STUDY SKILLS		
	35.061 Study Skills I	e	e
	35.062 Study Skills II	e	e
	35.063 Study Skills III	e	e
	35.064 Study Skills IV	e	e
35.07	CAREER PREPARATION		
	35.071 Career Prep I	e	e
	35.072 Career Prep II	e	e
35.08	WORK STUDY		
	35.081 Work Study I	e	e
	35.082 Work Study II	e	e
	35.083 Work Study III	e	e
	35.084 Work Study IV	e	e

(VII) HUMANITIES.

44. HUMANITIES

44.00	HUMANITIES, SECONDARY (9-12)		
	44.001 Humanities (9-12)	e	e

(VIII) SOCIAL SCIENCES.

Three Carnegie units of credit shall be required in social studies for the Vocational (V) and the College Preparatory (CP) diploma(s). One Carnegie unit shall be required in United States history. One Carnegie unit shall be required from the world studies area, e.g., world history or world geography. World history shall be required for the College Preparatory Diploma. One quarter or one semester of citizenship education (government) shall be required. One quarter or one semester of Principles of Economics/Business/Free Enterprise shall be required. Systems organized on the quarter system shall add one other one-quarter social studies course from the political science/government area (45.054, 45.055, 45.056) or from the economics area (45.062, 45.063, 45.064) or from the international relations area (45.091, 45.092) to the Citizenship Education and Principles of Economics/Business/Free Enterprise courses to complete the Carnegie unit requirement.

		CP	V
45.	SOCIAL SCIENCES		
45.01	SOCIAL SCIENCES, SECONDARY GENERAL		
	45.011 Comparative Religions	e	e
	45.012 Current Issues	e	e
	45.013 Technology and Society	e	e
	45.014 The Humanities/Social Studies	e	e
	45.015 Psychology	e	e
	45.016 Advanced Placement Psychology	e	e
45.02	ANTHROPOLOGY		
	45.021 Anthropology	e	e
45.03	SOCIOLOGY		
	45.031 Sociology	e	e
	45.032 Ethnic Studies	e	e
45.05	POLITICAL SCIENCE AND GOVERNMENT		
	45.051 Citizenship Education (Government)	r	r
	<u>or</u>		
	45.052 Advanced Placement Government/ Politics: United States	r	r
	<u>or</u>		
	45.053 Advanced Placement Government/ Politics: Comparative	r	r
	45.054 American Political Behavior	c/e	c/e
	45.055 Constitutional Theory	c/e	c/e
	45.056 The Individual and the Law	c/e	c/e
45.06	ECONOMICS		
	45.061 Economics/Business/Free Enterprise	r	r
	<u>or</u>		
	45.062 Advanced Placement Economics Macroeconomics	r	r
	<u>or</u>		
	45.063 Advanced Placement Microeconomics	r	r
	45.064 Comparative Political/Economic Systems	c/e	c/e
	45.065 International Baccalaureate Economics	c/e	c/e

		CP	V
45.07	GEOGRAPHY		
	45.071 World Geography	e	c/e
	45.072 Asian Studies	e	e
	45.073 Latin American Studies	e	e
	45.074 Middle Eastern Studies	e	e
	45.075 Sub-Saharan Studies	e	e
	45.076 Local Area Studies/Geography	e	e
45.08	HISTORY		
	45.081 United States History	r	r
	<u>or</u>		
	45.082 Advanced Placement United States History	r	r
	45.083 World History	r	c/e
	45.084 Advanced Placement European History	e	e
	45.085 The History of Technology	e	e
	45.086 Local Area Studies/History	e	e
	45.087 International Baccalaureate History of the Americas	c/e	c/e
45.09	INTERNATIONAL RELATIONS		
	45.091 United States and World Affairs	c/e	c/e
	45.092 World Area Studies	c/e	c/e
	45.093 International Baccalaureate Internship	c/e	c/e
	45.094 International Baccalaureate Theory of Knowledge	c/e	c/e

**(IX) HEALTH AND PHYSICAL EDUCATION.**

For each program of study, one Carnegie unit of health and physical education is required. Students shall combine two semesters or three quarters of the following courses to satisfy this requirement.

		CP	V
17.011	Health	r	r
36.041	Personal Fitness (9-12)	c/e	c/e
	<u>or</u>		
36.051	Advanced Personal Fitness	c/e	c/e

## 17. HEALTH EDUCATION

## 17.01 HEALTH EDUCATION, SECONDARY

17.011	Health (9-12)	r	r
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The following health and physical education courses may be taken as electives for all programs of study. Courses in physical education shall be taken to enhance lifelong fitness and physical activities rather than development of athletic performance.

17.012	Mental/Social Health (9-12)	e	e
17.013	First Aid and Safety	e	e
17.014	Driver Education	e	e
17.015	Family Living	e	e

## 36. PHYSICAL EDUCATION

## 36.01 PHYSICAL EDUCATION, SECONDARY, GENERAL

36.011	General Physical Education I	e	e
36.012	General Physical Education II	e	e
36.013	General Physical Education III	e	e
36.014	General Physical Education IV	e	e
36.015	Principles of Athletic Training/ Sports Medicine	e	e
36.016	Theory in Physical Education	e	e

36.02 PHYSICAL EDUCATION, SECONDARY,  
INTRODUCTORY SPORTS

36.021	Introductory Team Sports	e	e
36.022	Introductory Lifetime Sports	e	e
36.023	Introductory Track and Field	e	e
36.024	Introductory Aquatics/Water Sports	e	e
36.025	Introductory Outdoor Education	e	e



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		CP	V
	36.026	Introductory Rhythmics and Dance	e e
	36.027	Introductory Recreational Games	e e
	36.028	Introductory Gymnastics, Stunts and Tumbling	e e
	36.029	Introductory Self-Defense	e e
36.03	PHYSICAL EDUCATION, SECONDARY, INTERMEDIATE SPORTS		
	36.031	Intermediate Team Sports	e e
	36.032	Intermediate Lifetime Sports	e e
	36.033	Intermediate Track and Field	e e
	36.034	Intermediate Aquatics/Water Sports	e e
	36.035	Intermediate Outdoor Education	e e
	36.036	Intermediate Rhythmics and Dance	e e
	36.037	Intermediate Recreational Games	e e
	36.038	Intermediate Gymnastics, Stunts and Tumbling	e e
	36.039	Intermediate Self-Defense	e e
36.04	PHYSICAL EDUCATION, SECONDARY, ADVANCED SPORTS		
	36.041	Advanced Team Sports	e e
	36.042	Advanced Lifetime Sports	e e
	36.043	Advanced Track and Field	e e
	36.044	Advanced Aquatics/Water Sports	e e
	36.045	Advanced Outdoor Education	e e
	36.046	Advanced Rhythmics and Dance	e e
	36.047	Advanced Recreational Games	e e
	36.048	Advanced Gymnastics, Stunts and Tumbling	e e
	36.049	Advanced Self-Defense	e e
36.05	PHYSICAL EDUCATION, SECONDARY, PERSONAL FITNESS AND CONDITIONING		
	36.051	Personal Fitness	c/e c/e
	36.052	Physical Conditioning	e e
	36.053	Aerobic Dance	e e
	36.054	Weight Training	e e
	36.055	Exercise and Weight Control	e e
	36.056	Body Sculpting	e e
	36.057	Intermediate Aerobic Dance	e e

		CP	V
36.06	PHYSICAL EDUCATION, SECONDARY, ADVANCED PERSONAL FITNESS AND CONDITIONING		
36.061	Advanced Personal Fitness	c/e	c/e
36.062	Advanced Physical Conditioning	e	e
36.063	Advanced Aerobic Dance	e	e
36.064	Advanced Weight Training	e	e
36.065	Advanced Exercise and Weight Control	e	e
36.066	Advanced Body Sculpting	e	e
36.07	PHYSICAL EDUCATION, SECONDARY, ADAPTIVE		
36.071	Adapted Physical Education I	e	e
36.072	Adapted Physical Education II	e	e
36.073	Adapted Physical Education III	e	e
36.074	Adapted Physical Education IV	e	e

**(X) FOREIGN LANGUAGES.**

Two Carnegie units of the same foreign language shall be required for the College Preparatory (CP) program of study in grades 9-12. Students whose native language is not English may be considered to have met the foreign language requirement by exercising the credit in lieu of enrollment option if they are proficient in their native language. A formal examination is not necessary if other evidence of proficiency is available. Any course or combination of courses listed below may be selected to earn Carnegie unit credit to satisfy the requirements in foreign language for Core Area of Study VI: Computer Technology and/or Fine Arts and/or Vocational Education and/or Junior ROTC and/or Foreign Language for the College Preparatory (CP) and/or the Vocational (V) programs of study.

Any of the courses may be used to satisfy the elective unit requirements.

For a student who is hearing impaired, American Sign Language may be taken as an elective or as a core course to fulfill the requirements of the College Preparatory Diploma. If American Sign Language is to be used to fulfill the college preparatory requirement of two years of the same foreign language, adherence to the requirements in the following paragraph is required.

For the purpose of fulfilling the foreign language requirement for a College Preparatory Diploma, a demonstrated proficiency in American Sign Language shall be accepted as a foreign language if it is determined that a deaf student has a hearing loss which significantly impacts upon the student's ability to learn a foreign language. The Individualized Education Program (IEP) Committee shall determine if American Sign Language is to be substituted for the foreign language requirement. The IEP Committee shall state in the Individual Education Program that American Sign Language is substituting for the foreign language and that two years of American Sign Language must be taken to complete the requirement.

For students who are not hearing impaired, American Sign Language may be taken for one unit of elective credit or for the third unit of foreign language credit.

		CP	V
60.	ROMANCE LANGUAGES		
60.01	HIGH SCHOOL FRENCH		
	60.011 French I	c/e	c/e
	60.012 French II	c/e	c/e
	60.013 French III	c/e	c/e
	60.014 French IV	c/e	c/e
	60.015 French V	c/e	c/e
	60.016 French VI	c/e	c/e
	60.017 Advanced Placement French/ Language	c/e	c/e
	60.018 Advanced Placement French/ Literature	c/e	c/e
	60.019 French VII	c/e	c/e
	60.0111 French VIII	c/e	c/e
	60.0112 International Baccalaureate French	c/e	c/e
60.03	HIGH SCHOOL ITALIAN		
	60.031 Italian I	c/e	c/e
	60.032 Italian II	c/e	c/e
	60.033 Italian III	c/e	c/e
	60.034 Italian IV	c/e	c/e
	60.035 Italian V	c/e	c/e

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		CP	V
60.05	HIGH SCHOOL PORTUGUESE		
60.051	Portuguese I	c/e	c/e
60.052	Portuguese II	c/e	c/e
60.053	Portuguese III	c/e	c/e
60.054	Portuguese IV	c/e	c/e
60.055	Portuguese V	c/e	c/e
60.07	HIGH SCHOOL SPANISH		
60.071	Spanish I	c/e	c/e
60.072	Spanish II	c/e	c/e
60.073	Spanish III	c/e	c/e
60.074	Spanish IV	c/e	c/e
60.075	Spanish V	c/e	c/e
60.076	Spanish VI	c/e	c/e
60.077	Advanced Placement Spanish/ Language	c/e	c/e
60.078	Advanced Placement Spanish/ Literature	c/e	c/e
60.079	Spanish for Native Spanish Speakers	c/e	c/e
60.0711	Spanish VII	c/e	c/e
60.0712	Spanish VIII	c/e	c/e
60.0713	International Baccalaureate Spanish	c/e	c/e
61.	GERMANIC, SLAVIC AND CLASSICAL LANGUAGES		
61.01	HIGH SCHOOL GERMAN		
61.011	German I	c/e	c/e
61.012	German II	c/e	c/e
61.013	German III	c/e	c/e
61.014	German IV	c/e	c/e
61.015	German V	c/e	c/e
60.016	German VI	c/e	c/e
61.017	Advanced Placement German/ Language	c/e	c/e
61.018	German VII	c/e	c/e
61.019	German VIII	c/e	c/e
61.0111	Magnet German World Studies Seminar	c/e	c/e

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		CP	V
61.02	HIGH SCHOOL GREEK (CLASSICAL)		
61.021	Greek (Classical) I	c/e	c/e
61.022	Greek (Classical) II	c/e	c/e
61.023	Greek (Classical) III	c/e	c/e
61.024	Greek (Classical) IV	c/e	c/e
61.025	Greek (Classical) V	c/e	c/e
61.04	HIGH SCHOOL LATIN		
61.041	Latin I	c/e	c/e
61.042	Latin II	c/e	c/e
61.043	Latin III	c/e	c/e
61.044	Latin IV	c/e	c/e
61.045	Latin V	c/e	c/e
61.046	Latin VI	c/e	c/e
61.047	Advanced Placement Latin: Vergil	c/e	c/e
61.048	Advanced Placement Latin: Literature	c/e	c/e
61.049	Latin VII	c/e	c/e
61.0411	Latin VIII	c/e	c/e
61.06	HIGH SCHOOL RUSSIAN		
61.061	Russian I	c/e	c/e
61.062	Russian II	c/e	c/e
61.063	Russian III	c/e	c/e
61.064	Russian IV	c/e	c/e
61.065	Russian V	c/e	c/e
61.066	Russian VI	c/e	c/e
61.067	Russian VII	c/e	c/e
61.068	Russian VIII	c/e	c/e
62.	ASIAN LANGUAGES		
62.01	HIGH SCHOOL CHINESE		
62.011	Chinese I	c/e	c/e
62.012	Chinese II	c/e	c/e
62.013	Chinese III	c/e	c/e
62.014	Chinese IV	c/e	c/e
62.015	Chinese V	c/e	c/e
62.016	Chinese VI	c/e	c/e
62.017	Chinese VII	c/e	c/e
62.018	Chinese VIII	c/e	c/e
62.019	International Baccalaureate Chinese	c/e	c/e

		CP	V
62.03	HIGH SCHOOL JAPANESE		
62.031	Japanese I	c/e	c/e
62.032	Japanese II	c/e	c/e
62.033	Japanese III	c/e	c/e
62.034	Japanese IV	c/e	c/e
62.035	Japanese V	c/e	c/e
62.036	Japanese VI	c/e	c/e
62.037	Japanese VII	c/e	c/e
62.038	Japanese VIII	c/e	c/e
62.05	HIGH SCHOOL KOREAN		
62.051	Korean I	c/e	c/e
62.052	Korean II	c/e	c/e
62.053	Korean III	c/e	c/e
62.054	Korean IV	c/e	c/e
62.055	Korean V	c/e	c/e
63.	AFRICAN AND SEMITIC LANGUAGES		
63.01	HIGH SCHOOL ARABIC		
63.011	Arabic I	c/e	c/e
63.012	Arabic II	c/e	c/e
63.013	Arabic III	c/e	c/e
63.014	Arabic IV	c/e	c/e
63.015	Arabic V	c/e	c/e
63.016	Arabic VI	c/e	c/e
63.017	International Baccalaureate Arabic	c/e	c/e
63.03	HIGH SCHOOL HEBREW		
63.031	Hebrew I	c/e	c/e
63.032	Hebrew II	c/e	c/e
63.033	Hebrew III	c/e	c/e
63.034	Hebrew IV	c/e	c/e
63.035	Hebrew V	c/e	c/e
63.05	HIGH SCHOOL SWAHILI		
63.051	Swahili I	c/e	c/e
63.052	Swahili II	c/e	c/e
63.053	Swahili III	c/e	c/e
63.054	Swahili IV	c/e	c/e
63.055	Swahili V	c/e	c/e

## 64. AMERICAN SIGN LANGUAGE

## 64.01 HIGH SCHOOL AMERICAN SIGN LANGUAGE FOR HEARING IMPAIRED STUDENTS

64.011	American Sign Language I	c/e	c/e
64.012	American Sign Language II	c/e	c/e
64.013	American Sign Language III	c/e	c/e
64.014	American Sign Language IV	c/e	c/e
64.015	American Sign Language V	c/e	c/e
64.016	American Sign Language VI	c/e	c/e

## 64.02 AMERICAN SIGN LANGUAGE FOR NON-HEARING IMPAIRED STUDENTS

64.021	American Sign Language I	e	e
64.022	American Sign Language II	e	e
64.023	American Sign Language III	e	e
64.024	American Sign Language IV	e	e

**(XI) MILITARY SCIENCE.**

Any course or combination of courses listed below may be selected to earn Carnegie unit credit to satisfy the requirements in JROTC for Core Area of Study VI: Computer Technology and/or Fine Arts and/or Vocational Education and/or Junior ROTC and/or Foreign Language for the College Preparatory (CP) and/or the Vocational (V) programs of study.

Any of the courses may be used to satisfy the elective unit requirements.

## 28. MILITARY SCIENCE

## 28.01 JROTC/AIR FORCE

28.011	JROTC Air Force I	c/e	c/e
28.012	JROTC Air Force II	c/e	c/e
28.013	JROTC Air Force III	c/e	c/e
28.014	JROTC Air Force IV	c/e	c/e

## 28.02 JROTC/NAVY

28.021	JROTC Navy I	c/e	c/e
28.022	JROTC Navy II	c/e	c/e
28.023	JROTC Navy III	c/e	c/e
28.024	JROTC Navy IV	c/e	c/e

	CP	V
28.03 JROTC/ARMY		
28.031 JROTC Army I	c/e	c/e
28.032 JROTC Army II	c/e	c/e
28.033 JROTC Army III	c/e	c/e
28.034 JROTC Army IV	c/e	c/e
28.04 JROTC/MARINES		
28.041 JROTC Marines I	c/e	c/e
28.042 JROTC Marines II	c/e	c/e
28.043 JROTC Marines III	c/e	c/e
28.044 JROTC Marines IV	c/e	c/e

(XII) MUSIC.

53. MUSIC

Any course or combination of courses listed below may be selected to earn Carnegie unit credit to satisfy the requirements in Fire Arts/Music for Core Area of Study VI: Computer Technology and/or Fine Arts and/or Vocational Education and/or Junior ROTC and/or Foreign Language for the College Preparatory (CP) and/or the Vocational (V) programs of study.

Any of the courses may be used to satisfy the elective unit requirements.

53.01 MUSIC APPRECIATION, GENERAL		
53.014 Music Appreciation I	c/e	c/e
53.015 Music Appreciation II	c/e	c/e
53.016 Music Appreciation III	c/e	c/e
53.017 Music Appreciation IV	c/e	c/e
53.02 MUSIC, SECONDARY GENERAL		
53.021 Music Theory and Composition I	c/e	c/e
53.022 Music Theory and Composition II	c/e	c/e
53.023 Advanced Placement Music Theory	c/e	c/e
53.024 Music History and Literature I	c/e	c/e
53.025 Music History and Literature II	c/e	c/e
53.026 Contemporary Music Studies: Ethnic and Folk	c/e	c/e



		CP	V
53.03	MUSIC, BAND		
53.0361	Beginning Band I	c/e	c/e
53.0362	Beginning Band II	c/e	c/e
53.0363	Beginning Band III	c/e	c/e
53.0364	Beginning Band IV	c/e	c/e
53.0371	Intermediate Band I	c/e	c/e
53.0372	Intermediate Band II	c/e	c/e
53.0373	Intermediate Band III	c/e	c/e
53.0374	Intermediate Band IV	c/e	c/e
53.0381	Advanced Band I	c/e	c/e
53.0382	Advanced Band II	c/e	c/e
53.0383	Advanced Band III	c/e	c/e
53.0384	Advanced Band IV	c/e	c/e
53.05	MUSIC, ORCHESTRA		
53.0561	Beginning Orchestra I	c/e	c/e
53.0562	Beginning Orchestra II	c/e	c/e
53.0563	Beginning Orchestra III	c/e	c/e
53.0564	Beginning Orchestra IV	c/e	c/e
53.0571	Intermediate Orchestra I	c/e	c/e
53.0572	Intermediate Orchestra II	c/e	c/e
53.0573	Intermediate Orchestra III	c/e	c/e
53.0574	Intermediate Orchestra IV	c/e	c/e
53.0581	Advanced Orchestra I	c/e	c/e
53.0582	Advanced Orchestra II	c/e	c/e
53.0583	Advanced Orchestra III	c/e	c/e
53.0584	Advanced Orchestra IV	c/e	c/e
53.06	MUSIC, ETHNIC AND FOLK		
53.0641	Beginning Jazz I	c/e	c/e
53.0642	Beginning Jazz II	c/e	c/e
53.0643	Beginning Jazz III	c/e	c/e
53.0644	Beginning Jazz IV	c/e	c/e
53.0651	Intermediate Jazz I	c/e	c/e
53.0652	Intermediate Jazz II	c/e	c/e
53.0653	Intermediate Jazz III	c/e	c/e
53.0654	Intermediate Jazz IV	c/e	c/e
53.0661	Advanced Jazz I	c/e	c/e
53.0662	Advanced Jazz II	c/e	c/e
53.0663	Advanced Jazz III	c/e	c/e
53.0664	Advanced Jazz IV	c/e	c/e

		CP	V
53.0671	African-American Music Studies I	c/e	c/e
53.0672	African-American Music Studies II	c/e	c/e
53.0673	African-American Music Studies III	c/e	c/e
53.0674	African-American Music Studies IV	c/e	c/e
53.0681	American Folk Music Studies I	c/e	c/e
53.0682	American Folk Music Studies II	c/e	c/e
53.0683	American Folk Music Studies III	c/e	c/e
53.0684	American Folk Music Studies IV	c/e	c/e
53.0691	Ethnic Music Studies I	c/e	c/e
53.0692	Ethnic Music Studies II	c/e	c/e
53.0693	Ethnic Music Studies III	c/e	c/e
53.0694	Ethnic Music Studies IV	c/e	c/e
53.07	MUSIC, CHAMBER ENSEMBLES SECONDARY		
53.0711	Beginning Choral Ensemble I	c/e	c/e
53.0712	Beginning Choral Ensemble II	c/e	c/e
53.0713	Beginning Choral Ensemble III	c/e	c/e
53.0714	Beginning Choral Ensemble IV	c/e	c/e
53.0721	Intermediate Choral Ensemble I	c/e	c/e
53.0722	Intermediate Choral Ensemble II	c/e	c/e
53.0723	Intermediate Choral Ensemble III	c/e	c/e
53.0724	Intermediate Choral Ensemble IV	c/e	c/e
53.0731	Advanced Choral Ensemble I	c/e	c/e
53.0732	Advanced Choral Ensemble II	c/e	c/e
53.0733	Advanced Choral Ensemble III	c/e	c/e
53.0734	Advanced Choral Ensemble IV	c/e	c/e
53.0741	Beginning Instrumental Ensemble I	c/e	c/e
53.0742	Beginning Instrumental Ensemble II	c/e	c/e
53.0743	Beginning Instrumental Ensemble III	c/e	c/e
53.0744	Beginning Instrumental Ensemble IV	c/e	c/e
53.0751	Intermediate Instrumental Ensemble I	c/e	c/e
53.0752	Intermediate Instrumental Ensemble II	c/e	c/e
53.0753	Intermediate Instrumental Ensemble III	c/e	c/e
53.0754	Intermediate Instrumental Ensemble IV	c/e	c/e
53.0761	Advanced Instrumental Ensemble I	c/e	c/e
53.0762	Advanced Instrumental Ensemble II	c/e	c/e
53.0763	Advanced Instrumental Ensemble III	c/e	c/e
53.0764	Advanced Instrumental Ensemble IV	c/e	c/e

		CP	V
53.08	MUSIC, GUITAR STUDIES		
53.0841	Beginning Guitar I	c/e	c/e
53.0842	Beginning Guitar II	c/e	c/e
53.0843	Beginning Guitar III	c/e	c/e
53.0844	Beginning Guitar IV	c/e	c/e
53.0851	Intermediate Guitar I	c/e	c/e
53.0852	Intermediate Guitar II	c/e	c/e
53.0853	Intermediate Guitar III	c/e	c/e
53.0854	Intermediate Guitar IV	c/e	c/e
53.0861	Advanced Guitar I	c/e	c/e
53.0862	Advanced Guitar II	c/e	c/e
53.0863	Advanced Guitar III	c/e	c/e
53.0864	Advanced Guitar IV	c/e	c/e
53.09	MUSIC, KEYBOARD STUDIES		
53.0941	Beginning Keyboard I	c/e	c/e
53.0942	Beginning Keyboard II	c/e	c/e
53.0943	Beginning Keyboard III	c/e	c/e
53.0944	Beginning Keyboard IV	c/e	c/e
53.0951	Intermediate Keyboard I	c/e	c/e
53.0952	Intermediate Keyboard II	c/e	c/e
53.0953	Intermediate Keyboard III	c/e	c/e
53.0954	Intermediate Keyboard IV	c/e	c/e
53.0961	Advanced Keyboard I	c/e	c/e
53.0962	Advanced Keyboard II	c/e	c/e
53.0963	Advanced Keyboard III	c/e	c/e
53.0964	Advanced Keyboard IV	c/e	c/e
54.	CHORUS		
54.0211	Beginning Mixed Chorus I	c/e	c/e
54.0212	Beginning Mixed Chorus II	c/e	c/e
54.0213	Beginning Mixed Chorus III	c/e	c/e
54.0214	Beginning Mixed Chorus IV	c/e	c/e
54.0221	Intermediate Mixed Chorus I	c/e	c/e
54.0222	Intermediate Mixed Chorus II	c/e	c/e
54.0223	Intermediate Mixed Chorus III	c/e	c/e
54.0224	Intermediate Mixed Chorus IV	c/e	c/e
54.0231	Advanced Mixed Chorus I	c/e	c/e
54.0232	Advanced Mixed Chorus II	c/e	c/e
54.0233	Advanced Mixed Chorus III	c/e	c/e
54.0234	Advanced Mixed Chorus IV	c/e	c/e

		CP	V
54.0241	Beginning Women's Chorus I	c/e	c/e
54.0242	Beginning Women's Chorus II	c/e	c/e
54.0243	Beginning Women's Chorus III	c/e	c/e
54.0244	Beginning Women's Chorus IV	c/e	c/e
54.0251	Intermediate Women's Chorus I	c/e	c/e
54.0252	Intermediate Women's Chorus II	c/e	c/e
54.0253	Intermediate Women's Chorus III	c/e	c/e
54.0254	Intermediate Women's Chorus IV	c/e	c/e
54.0261	Advanced Women's Chorus I	c/e	c/e
54.0262	Advanced Women's Chorus II	c/e	c/e
54.0263	Advanced Women's Chorus III	c/e	c/e
54.0264	Advanced Women's Chorus IV	c/e	c/e
54.0271	Beginning Men's Chorus I	c/e	c/e
54.0272	Beginning Men's Chorus II	c/e	c/e
54.0273	Beginning Men's Chorus III	c/e	c/e
54.0274	Beginning Men's Chorus IV	c/e	c/e
54.0281	Intermediate Men's Chorus I	c/e	c/e
54.0282	Intermediate Men's Chorus II	c/e	c/e
54.0283	Intermediate Men's Chorus III	c/e	c/e
54.0284	Intermediate Men's Chorus IV	c/e	c/e
54.0291	Advanced Men's Chorus I	c/e	c/e
54.0292	Advanced Men's Chorus II	c/e	c/e
54.0293	Advanced Men's Chorus III	c/e	c/e
54.0294	Advanced Men's Chorus IV	c/e	c/e

**(XIII) VISUAL ARTS.**

Any course or combination of courses listed below may be selected to earn Carnegie unit credit to satisfy the requirements in Visual Arts for Core Area of Study VI: Computer Technology and/or Fine Arts and/or Vocational Education and/or Junior ROTC and/or Foreign Language for the College Preparatory (CP) and/or the Vocational (V) programs of study.

Any of the courses may be used to satisfy the elective unit requirements.

**50. VISUAL ARTS****50.02 VISUAL ARTS/COMPREHENSIVE (9-12)**

50.0211	Visual Arts/Comprehensive I (9-12)	c/e	c/e
50.0212	Visual Arts/Comprehensive II (9-12)	c/e	c/e
50.0213	Visual Arts/Comprehensive III (9-12)	c/e	c/e
50.0214	Visual Arts/Comprehensive IV (9-12)	c/e	c/e

	CP	V
50.03 VISUAL ARTS/DRAWING AND PAINTING (9-12)		
50.0311 Visual Arts/Drawing I (9-12)	c/e	c/e
50.0312 Visual Arts/Drawing II (9-12)	c/e	c/e
50.0313 Visual Arts/Drawing & Painting I (9-12)	c/e	c/e
50.0314 Visual Arts/Drawing & Painting II (9-12)	c/e	c/e
50.0321 Visual Arts/Painting I (9-12)	c/e	c/e
50.0322 Visual Arts/Painting II (9-12)	c/e	c/e
50.04 VISUAL ARTS/FINE AND FOLK CRAFTS (9-12)		
50.0411 Visual Arts/Ceramics/ Pottery I (9-12)	c/e	c/e
50.0412 Visual Arts/Ceramics/ Pottery II (9-12)	c/e	c/e
50.0413 Visual Arts/Ceramics/ Pottery III (9-12)	c/e	c/e
50.0414 Visual Arts/Ceramics/ Pottery IV (9-12)	c/e	c/e
50.0421 Visual Arts/Fibers I (9-12)	c/e	c/e
50.0422 Visual Arts/Fibers II (9-12)	c/e	c/e
50.0423 Visual Arts/Fibers III (9-12)	c/e	c/e
50.0424 Visual Arts/Fibers IV (9-12)	c/e	c/e
50.0431 Visual Arts/Applied Design I (9-12)	c/e	c/e
50.0432 Visual Arts/Applied Design II (9-12)	c/e	c/e
50.0433 Visual Arts/Applied Design III (9-12)	c/e	c/e
50.0434 Visual Arts/Applied Design IV (9-12)	c/e	c/e
50.05 VISUAL ARTS/PRINTMAKING (9-12)		
50.0511 Visual Arts/Printmaking I (9-12)	c/e	c/e
50.0512 Visual Arts/Printmaking II (9-12)	c/e	c/e
50.0513 Visual Arts/Printmaking III (9-12)	c/e	c/e
50.0514 Visual Arts/Printmaking IV (9-12)	c/e	c/e
50.06 VISUAL ARTS/SCULPTURE (9-12)		
50.0611 Visual Arts/Sculpture I (9-12)	c/e	c/e
50.0612 Visual Arts/Sculpture II (9-12)	c/e	c/e
50.0613 Visual Arts/Sculpture III (9-12)	c/e	c/e
50.0614 Visual Arts/Sculpture IV (9-12)	c/e	c/e

	CP	V
50.07 VISUAL ARTS/MEDIA ARTS (9-12)		
50.0711 Visual Arts/Photography I (9-12)	c/e	c/e
50.0712 Visual Arts/Photography II (9-12)	c/e	c/e
50.0713 Visual Arts/Photography III (9-12)	c/e	c/e
50.0714 Visual Arts/Photography IV (9-12)	c/e	c/e
50.0721 Visual Arts/Graphics I (9-12)	c/e	c/e
50.0722 Visual Arts/Graphics II (9-12)	c/e	c/e
50.0723 Visual Arts/Graphics III (9-12)	c/e	c/e
50.0724 Visual Arts/Graphics IV (9-12)	c/e	c/e
50.0731 Visual Arts/Video I	c/e	c/e
50.0732 Visual Arts/Video II	c/e	c/e
50.0733 Visual Arts/Video III	c/e	c/e
50.0734 Visual Arts/Video IV	c/e	c/e
50.08 VISUAL ARTS/ADVANCED PLACEMENT STUDIO (9-12)		
50.0811 Visual Arts/Advanced Placement Studio: Drawing Portfolio (9-12)	c/e	c/e
50.0812 Visual Arts/Advanced Placement Studio: General Portfolio (9-12)	c/e	c/e
50.09 VISUAL ARTS/ART HISTORY AND CRITICISM (9-12)		
50.0911 Visual Arts/Art History and Criticism I (9-12)	c/e	c/e
50.0912 Visual Arts/Art History and Criticism II (9-12)	c/e	c/e
50.0921 Visual Arts/Advanced Placement History of Art (9-12)	c/e	c/e

**(XIV) DANCE.**

Any course or combination of courses listed below may be selected to earn Carnegie unit credit to satisfy the requirements in Fine Arts/Dance for Core Area of Study VI: Computer Technology and/or Fine Arts and/or Vocational Education and/or Junior ROTC and/or Foreign Language for the College Preparatory (CP) and/or the Vocational (V) programs of study.

Any of the courses may be used to satisfy the elective unit requirements.

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		CP	V
51.	DANCE		
51.02	DANCE SECONDARY, BALLET		
51.021	Ballet I	c/e	c/e
51.022	Ballet II	c/e	c/e
51.023	Ballet III	c/e	c/e
51.024	Ballet IV	c/e	c/e
51.03	DANCE SECONDARY, JAZZ		
51.031	Jazz Dance I	c/e	c/e
51.032	Jazz Dance II	c/e	c/e
51.033	Jazz Dance III	c/e	c/e
51.034	Jazz Dance IV	c/e	c/e
51.04	DANCE SECONDARY, MODERN		
51.041	Modern I	c/e	c/e
51.042	Modern II	c/e	c/e
51.043	Modern III	c/e	c/e
51.044	Modern IV	c/e	c/e
51.05	DANCE SECONDARY, GENERAL		
51.051	Dance History	c/e	c/e
51.052	Dance Composition	c/e	c/e

**(XV) DRAMATIC ARTS.**

Any course or combination of courses listed below may be selected to earn Carnegie unit credit to satisfy the requirements in Fine Arts/Drama for Core Area of Study VI: Computer Technology and/or Fine Arts and/or Vocational Education and/or Junior ROTC and/or Foreign Language for the College Preparatory (CP) and/or the Vocational (V) programs of study.

Any of the courses may be used to satisfy the elective unit requirements.

**52. DRAMA**

52.02	DRAMATIC ARTS/FUNDAMENTALS, SECONDARY (9-12)		
52.021	Dramatic Arts/Fundamentals I (9-12)	c/e	c/e
52.022	Dramatic Arts/Fundamentals II (9-12)	c/e	c/e
52.023	Dramatic Arts/Fundamentals III (9-12)	c/e	c/e
52.024	Dramatic Arts/Fundamentals IV (9-12)	c/e	c/e

		CP	V
52.03	DRAMATIC ARTS/MUSICAL THEATER (9-12)		
52.031	Dramatic Arts/Musical Theater I (9-12)	c/e	c/e
52.032	Dramatic Arts/Musical Theater II (9-12)	c/e	c/e
52.033	Dramatic Arts/Musical Theater III (9-12)	c/e	c/e
52.034	Dramatic Arts/Musical Theater IV (9-12)	c/e	c/e
52.04	DRAMATIC ARTS/FILM TECHNICAL THEATER (9-12)		
52.041	Dramatic Arts/Technical Theater I (9-12)	c/e	c/e
52.042	Dramatic Arts/Technical Theater II (9-12)	c/e	c/e
52.043	Dramatic Arts/Technical Theater III (9-12)	c/e	c/e
52.044	Dramatic Arts/Technical Theater IV (9-12)	c/e	c/e
52.045	Theater Technology I	c/e	c/e
52.046	Theater Technology II	c/e	c/e
52.047	Theater Technology III	c/e	c/e
52.048	Theater Technology IV	c/e	c/e
52.05	DRAMATIC ARTS/ADVANCED DRAMA (9-12)		
52.051	Dramatic Arts/Advanced Drama I (9-12)	c/e	c/e
52.052	Dramatic Arts/Advanced Drama II (9-12)	c/e	c/e
52.06	DRAMATIC ARTS/ACTING (9-12)		
52.061	Dramatic Arts/Acting I (9-12)	c/e	c/e
52.062	Dramatic Arts/Acting II (9-12)	c/e	c/e
52.07	DRAMATIC ARTS/FILM/VIDEO & TELEVISION (9-12)		
52.071	Dramatic Arts/Film/Video and Television I (9-12)	c/e	c/e
52.072	Dramatic Arts/Film/Video and Television II (9-12)	c/e	c/e



	CP	V
52.08 DRAMATIC ARTS/HISTORY AND LITERATURE (9-12)		
52.081 Dramatic Arts/History and Literature I (9-12)	c/e	c/e
52.082 Dramatic Arts/History and Literature II (9-12)	c/e	c/e
<b>70. PROFESSIONAL/CAREER PREPARATION</b>		
70.01 MENTORSHIP		
70.011 Mentorship I	e	e
70.012 Mentorship II	e	e
70.013 Mentorship III	e	e
70.014 Mentorship IV	e	e
70.02 INTERNSHIP		
70.021 Internship I	e	e
70.022 Internship II	e	e
70.023 Internship III	e	e
70.024 Internship IV	e	e
70.03 DIRECTED STUDY		
70.031 Directed Study I	e	e
70.032 Directed Study II	e	e
70.033 Directed Study III	e	e
70.034 Directed Study IV	e	e
70.04 COMMUNITY SERVICE		
70.041 Community Service I	e	e
70.042 Community Service II	e	e
70.043 Community Service III	e	e
70.044 Community Service IV	e	e

**(XVI) VOCATIONAL EDUCATION.**

To receive only the Vocational Diploma, a student shall complete at least four vocational units, three of which must be concentrated in one of the following occupational or related program areas. One of the four units may include the Program of Education and Career Exploration (PECE), Coordinated Vocational Academic Education (CVAE) or Related Vocational Instruction (RVI).

To receive both the College Preparatory (CP) and the Vocational (V) Diplomas, a student shall complete at least four units from any of the following areas.

Any course or combination of courses listed below may be selected to earn Carnegie unit credit to satisfy the requirements in Vocational Education/Computer Technology for Core Area of Study VI: Computer Technology and/or Fine Arts and/or Vocational Education and/or Junior ROTC and/or Foreign Language for the College Preparatory (CP) and/or the Vocational (V) programs of study.

Any of the courses may be used to satisfy the elective unit requirements.

		CP	V
01.	<b>AGRICULTURAL BUSINESS AND PRODUCTION TECHNOLOGY.</b>		
01.01	<b>AGRICULTURAL BUSINESS AND MANAGEMENT</b>		
	01.411 Agricultural Business and Management	c/e	c/e
01.02	<b>AGRICULTURAL MECHANIZATION TECHNOLOGY</b>		
	01.421 Agricultural Mechanics Technology I	c/e	c/e
	01.422 Agricultural Mechanics Technology II	c/e	c/e
	01.423 Agricultural Mechanics Technology III	c/e	c/e
01.03	<b>AGRICULTURAL PRODUCTION AND MANAGEMENT</b>		
	01.431 Agricultural Crop Production and Management	c/e	c/e
	01.432 Agricultural Animal Production and Management	c/e	c/e
01.04	<b>AGRICULTURAL AND FOOD PROCESSING</b>		
	01.441 Agricultural and Food Processing Operations and Management	c/e	c/e

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	CP	V
01.05 COOPERATIVE AGRIBUSINESS SALES AND MARKETING		
01.051 Cooperative Agribusiness Sales and Marketing I	c/e	c/e
01.052 Cooperative Agribusiness Sales and Marketing II	c/e	c/e
01.098 Co-op/Internship I	c/e	c/e
01.099 Co-op Internship II	c/e	c/e
01.06 HORTICULTURE		
01.461 General Horticulture	c/e	c/e
01.462 Floriculture Production and Management	c/e	c/e
01.463 Landscape Design and Management	c/e	c/e
01.464 Nursery Production and Management	c/e	c/e
01.465 Turf Production and Management	c/e	c/e
01.466 Floral Design and Management	c/e	c/e
01.467 Hydroponics	c/e	c/e
01.07 INTERNATIONAL AGRICULTURE		
01.071 International Agriculture	c/e	c/e
02. AGRICULTURE SCIENCES AND TECHNOLOGY.		
02.02 ANIMAL SCIENCES		
02.421 Animal Science Biotechnology	c/e	c/e
02.03 FOOD FIBER SCIENCES		
02.431 Food Fiber Science Technology	c/e	c/e
02.04 PLANT SCIENCES		
02.441 Plant Science Biotechnology	c/e	c/e
02.05 SOIL SCIENCES		
02.451 Soil Science Technology	c/e	c/e
02.06 PHYSICAL SCIENCES, ARGICULTURAL		
02.461 Physical Science Applications in Agriculture	c/e	c/e

		CP	V
02.07	AGRISCIENCE PRINCIPLES AND TECHNOLOGY		
	02.471 Basic Agricultural Science and Technology	c/e	c/e
	02.472 Agriscience Principles and Technology I	c/e	c/e
	02.473 Agriscience Principles and Technology II	c/e	c/e
	02.474 Agriscience Principles and Technology III	c/e	c/e
03.	<b>CONSERVATION AND NATURAL RESOURCES.</b>		
03.01	NATURAL RESOURCES CONSERVATION, GENERAL		
	03.411 Natural Resources Management	c/e	c/e
03.02	ENVIRONMENTAL SCIENCE		
	03.421 Environmental Science	c/e	c/e
03.03	FISHERIES SCIENCE AND MANAGEMENT		
	03.431 Aquaculture	c/e	c/e
03.04	FORESTRY PRODUCTION AND PROCESSING		
	03.441 Forest Harvesting and Production Technology	c/e	c/e
	03.442 Forest Products Technology	c/e	c/e
03.05	FORESTRY SCIENCE		
	03.451 General Forestry Practices	c/e	c/e
	03.452 Advanced Forestry Science	c/e	c/e
	03.453 Forestry Management for Wildlife	c/e	c/e
	03.454 Urban and Community Forestry	c/e	c/e
06.	<b>BUSINESS MANAGEMENT.</b>		
06.01	BUSINESS MANAGEMENT		
	06.014 International Business	c/e	c/e
	06.015 Business Law	c/e	c/e
	06.051 Business Economics	c/e	c/e
	06.098 Business Co-op/Internship I	c/e	c/e
	06.099 Business Co-op/Internship II	c/e	c/e

	CP	V
06.411 Business Calculations	c/e	c/e
06.412 Business Communications	c/e	c/e
06.413 Business Technology	c/e	c/e
<b>07. BUSINESS ADMINISTRATION.</b>		
07.021 Banking and Finance/Personal Finance	c/e	c/e
07.098 Business Co-op/Internship I	c/e	c/e
07.099 Business Co-op/Internship II	c/e	c/e
07.411 Principles of Accounting I	c/e	c/e
07.412 Principles of Accounting II	c/e	c/e
07.431 Data Processing/Computer Programming I and II	c/e	c/e
07.441 Computer Technology/Applications I	c/e	c/e
07.442 Computer Technology/Applications II	c/e	c/e
07.451 Integrated Business Program I	c/e	c/e
07.452 Integrated Business Program II	c/e	c/e
07.453 Integrated Business Program III	c/e	c/e
07.461 Shorthand/Speedwriting/Notehand	c/e	c/e
07.462 Administrative Systems	c/e	c/e
07.472 Keyboarding	c/e	c/e
07.473 Electronic Publishing	c/e	c/e
07.474 Word Processing	c/e	c/e
07.475 Cooperative Business Education I	c/e	c/e
07.476 Cooperative Business Education II	c/e	c/e
07.486 Introductions to Multimedia Applications	c/e	c/e
07.487 Advanced Multimedia Applications	c/e	c/e
<b>08. MARKETING AND DISTRIBUTION.</b>		
08.411 Fashion Marketing Principles and Applications	c/e	c/e
08.421 Personal Services Marketing	c/e	c/e
08.431 Small Business Ownership	c/e	c/e
08.441 Financial Services Marketing	c/e	c/e
08.451 Introduction to Recreation and Tourism	c/e	c/e
08.071 Introduction to Marketing	c/e	c/e
08.474 Marketing Principles/Applications	c/e	c/e
08.475 Advanced Marketing Technology	c/e	c/e
08.481 Hotel/Motel Fundamentals	c/e	c/e
08.098 Co-op Internship I	c/e	c/e
08.099 Co-op Internship II	c/e	c/e

	CP	V
<b>20. HOME ECONOMICS.</b>		
20.414 Comprehensive Home Economics I	c/e	c/e
20.415 Comprehensive Home Economics II	c/e	c/e
20.416 Child Development	c/e	c/e
20.417 Single Living	c/e	c/e
20.418 Family Living	c/e	c/e
20.419 Design: Interior and Fashion	c/e	c/e
20.421 Home and Family Management Technology I	c/e	c/e
20.422 Home and Family Management Technology II	c/e	c/e
20.423 Parenting	c/e	c/e
20.524 Comprehensive Parenting	c/e	c/e
20.525 Care and Guidance of Children I	c/e	c/e
20.526 Care and Guidance of Children II	c/e	c/e
20.527 Child Care/Elder Care I	c/e	c/e
20.528 Child Care/Elder Care II	c/e	c/e
20.029 Child Care/Elder Care Internship I	c/e	c/e
20.031 Child Care/Elder Care Internship II	c/e	c/e
20.532 Food Service Occupations I	c/e	c/e
20.533 Food Service Occupations II	c/e	c/e
20.534 Food Service Occupations III	c/e	c/e
20.535 Food Service Occupations IV	c/e	c/e
20.036 Cooperative Home Economics Education I	c/e	c/e
20.037 Cooperative Home Economics Education II	c/e	c/e
20.098 Co-op/Internship I	c/e	c/e
20.099 Co-op/Internship II	c/e	c/e
<b>21. TECHNOLOGY EDUCATION.</b>		
21.425 Introduction to Technology I	c/e	c/e
21.426 Introduction to Technology II	c/e	c/e
21.431 Communication Technology	c/e	c/e
21.432 Drafting Technology: Introduction	c/e	c/e
21.433 Drafting Technology Mechanical	c/e	c/e
21.434 Drafting Technology Architectural	c/e	c/e
21.435 Graphic Arts Technology	c/e	c/e
21.436 Electronic Communications Technology	c/e	c/e
21.441 Materials and Processes Technology I	c/e	c/e
21.442 Manufacturing Technology	c/e	c/e
21.443 Construction Technology	c/e	c/e

		CP	V
21.451	Energy and Power Technology	c/e	c/e
21.452	Electricity/Electronics Technology	c/e	c/e
21.461	Research and Development	c/e	c/e
21.471	Pre-Engineering/Pre-Technology	c/e	c/e
21.472	Engineering Applications	c/e	c/e
21.473	Bio-Related Technology	c/e	c/e
21.474	Aerospace Technology	c/e	c/e
10., 12., 17., 43., 46., 47., 48., and 49.			
TRADE AND INDUSTRIAL EDUCATION.			
10.01	COMMUNICATION TECHNOLOGIES		
10.511	Mass Media Technology I	c/e	c/e
10.512	Mass Media Technology II	c/e	c/e
10.513	Mass Media Technology III	c/e	c/e
10.514	Music Marketing & Technology I	c/e	c/e
10.515	Music Marketing & Technology II	c/e	c/e
10.516	Music Marketing & Technology III	c/e	c/e
12.01	PERSONAL SERVICES OCCUPATIONS		
12.511	Fabric Maintenance Technology I	c/e	c/e
12.512	Fabric Maintenance Technology II	c/e	c/e
12.513	Fabric Maintenance Technology III	c/e	c/e
12.541	Cosmetology I	c/e	c/e
12.542	Cosmetology II	c/e	c/e
12.543	Cosmetology III	c/e	c/e
12.544	Cosmetology IV	c/e	c/e
17.01	ALLIED HEALTH		
17.521	Health Occupations I	c/e	c/e
17.522	Health Occupations II	c/e	c/e
17.523	Health Occupations III	c/e	c/e
17.625	Dental Assisting I	c/e	c/e
17.626	Dental Assisting II	c/e	c/e
17.627	Dental Assisting III	c/e	c/e
43.01	PROTECTIVE SERVICES		
43.511	Law Enforcement Training I	c/e	c/e
43.512	Law Enforcement Training II	c/e	c/e
43.513	Law Enforcement Training III	c/e	c/e

		CP	V
46.01	CONSTRUCTION TECHNOLOGY		
	46.541 Construction Technology I	c/e	c/e
	46.542 Construction Technology II	c/e	c/e
	46.543 Construction Technology III	c/e	c/e
	46.544 Construction Technology IV	c/e	c/e
47.01	MECHANICAL OCCUPATIONS		
	47.525 Granite Technology I	c/e	c/e
	47.526 Granite Technology II	c/e	c/e
	47.527 Granite Technology III	c/e	c/e
	47.531 Electronics Technology Occupations I	c/e	c/e
	47.532 Electronics Technology Occupations II	c/e	c/e
	47.533 Electronics Technology Occupations III	c/e	c/e
	47.541 Electro-Mechanical Technology I	c/e	c/e
	47.542 Electro-Mechanical Technology II	c/e	c/e
	47.543 Electro-Mechanical Technology III	c/e	c/e
	47.565 Collision Repair Technology I	c/e	c/e
	47.566 Collision Repair Technology II	c/e	c/e
	47.567 Collision Repair Technology III	c/e	c/e
	47.571 Automotive Service Technology I	c/e	c/e
	47.572 Automotive Service Technology II	c/e	c/e
	47.573 Automotive Service Technology III	c/e	c/e
	47.581 Small Engine Repair I	c/e	c/e
	47.582 Small Engine Repair II	c/e	c/e
	47.583 Small Engine Repair III	c/e	c/e
	47.491 Diversified Cooperative Training I (Trade and Industrial Education)	c/e	c/e
	47.492 Diversified Cooperative Training II (Trade and Industrial Education)	c/e	c/e
	47.098 DCT/Trade & Industrial Education Co-op/Internship I	c/e	c/e
	47.099 DCT/Trade & Industrial Education Co-op/Internship II	c/e	c/e
48.01	PRECISION PRODUCTION OCCUPATIONS		
	48.511 Drafting and Design Technology I	c/e	c/e
	48.512 Drafting and Design Technology II	c/e	c/e
	48.513 Drafting and Design Technology III	c/e	c/e
	48.514 Drafting and Design Technology IV	c/e	c/e



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48.521	Graphic Arts Technology I	c/e	c/e
48.522	Graphic Arts Technology II	c/e	c/e
48.523	Graphic Arts Technology III	c/e	c/e
48.525	Commercial Art I	c/e	c/e
48.526	Commercial Art II	c/e	c/e
48.527	Commercial Art III	c/e	c/e
48.531	Upholstering I	c/e	c/e
48.532	Upholstering II	c/e	c/e
48.533	Upholstering III	c/e	c/e
48.575	Metalworking Technology Cluster I	c/e	c/e
48.576	Metalworking Technology Cluster II	c/e	c/e
48.577	Metalworking Technology Cluster III	c/e	c/e
49.01	<b>MANUFACTURING SCIENCES</b>		
49.011	Ford Academy of Manufacturing Science--Manufacturing Economics	c/e	c/e
49.012	Ford Academy of Manufacturing Science--Statistics	c/e	c/e
49.013	Ford Academy of Manufacturing Science--Computer Technology Applications	c/e	c/e
49.014	Ford Academy of Manufacturing Science--Case Studies in Manufacturing	c/e	c/e
32.	<b>PROGRAM OF EDUCATION AND CAREER EXPLORATION/CAREER CONNECTION.</b>		
32.414	Coordinated Vocational Academic Education I	c/e	c/e
32.415	Coordinated Vocational Academic Education II	c/e	c/e
32.416	Coordinated Vocational Academic Education III	c/e	c/e
32.417	Project Success I	c/e	c/e
32.418	Project Success II	c/e	c/e
32.424	Program of Education and Career Exploration (PECE)	c/e	c/e
32.811	Related Vocational Instruction I	c/e	c/e
32.812	Related Vocational Instruction II	c/e	c/e
32.813	Related Vocational Instruction III	c/e	c/e
32.031	Workplace Ethics (JTPA)	c/e	c/e
32.032	Workplace Ethics Co-op (JTPA)	c/e	c/e
32.433	Workplace Readiness	c/e	c/e

(XVII) SPECIAL EDUCATION.

90. SPECIAL EDUCATION

This designated number shall be used for any course determined by a student's IEP and taught by a special education teacher for which high school Carnegie credit is not given. The school system may use the remaining digits (90.XXXXXXX) to identify semester, period, teacher, or any desired identification by the local school system.