

SMART CORE COURSE CODE LIST FOR GRADUATING CLASS OF 2014 AND AFTER

ENGLISH - 4 UNITS

9th Grade English - One Unit

410000 English 9
510010 ADE Approved English 9 Honors
510020 ADE Approved English 9
510040 ESL English 9
519910 Concurrent Credit English 9

10th Grade English - One Unit

411000 English 10
511010 ADE Approved English 10 Honors
511020 ADE Approved English 10
511030 ESL English 10
519920 Concurrent Credit English 10

11th Grade English - One Unit

412000 English 11
512010 ADE Approved English 11 Honors
512020 ADE Approved English 11
512030 ESL English 11
517030 AP English Language and Composition
517040 AP English Literature and Composition
517100 IB English 11
519930 Concurrent Credit English 11

12th Grade English - One Unit

413000 English 12
413010 Transitional English 12
513010 ADE Approved English 12 Honors
513020 ADE Approved English 12
513030 ESL English 12
517030 AP English Language and Composition
517040 AP English Literature and Composition
517200 IB English 12
519940 Concurrent Credit English 12

ORAL COMMUNICATION - 0.5 UNIT

Oral Communication - 0.5 Unit

414000 Oral Communication (0.5 credit)
414010 Oral Communication (1 credit)
414020 Forensics I
414050 Debate I
414100 Integrated Oral Communication NT
514010 ADE Approved Oral Communication Honors
514020 ADE Approved Oral Communication
514000 Concurrent Credit Oral Communication

NATURAL SCIENCE - 3 UNITS

Biology - One Unit

420000 Biology
520010 ADE Approved Biology Honors
520020 ADE Approved Biology
529030 IB Biology
529910 Concurrent Credit Biology

Two units chosen from the following three options:

Physical Science - Choose one

423000 Physical Science
523000 Principles of Technology I
523010 ADE Approved Physical Science Honors
523020 ADE Approved Physical Science
523100 ESL Physical Science
529920 Concurrent Credit Physical Science

Chemistry - Choose One

421000 Chemistry
521010 ADE Approved Chemistry Honors
521020 ADE Approved Chemistry
521030 AP Chemistry
521040 IB Chemistry
529930 Concurrent Credit Chemistry

Physics - Choose One

422000 Physics
522000 Principles of Technology II
522010 ADE Approved Physics Honors
522020 ADE Approved Physics
522080 AP Physics I
522090 AP Physics II
522040 AP Physics C: Electricity and Magnetism
522050 AP Physics C: Mechanics
522060 IB Physics
522070 Physics in Context
529940 Concurrent Credit Physics

FINE ARTS - 0.5 UNIT

Credit chosen from courses coded 450000 - 459999 or 550010 - 559999

Fine Arts - 0.5 Unit

559000 Concurrent Credit Fine Arts

MATHEMATICS - 4 UNITS

(ONE MATH UNIT MUST BE TAKEN AT 11TH OR 12TH GRADE)

Algebra 1 - One Unit

430000 Algebra I
530010 ADE Approved Algebra I Honors
530020 ADE Approved Algebra I
530030 IB Algebra I
539910 Concurrent Credit Algebra I

OR BOTH

430100 First Part Algebra I
430200 Second Part Algebra I

Geometry - One Unit

431000 Geometry
531010 ADE Approved Geometry Honors
531020 ADE Approved Geometry
531030 IB Geometry
539920 Concurrent Credit Geometry

OR BOTH

431100 First Part Geometry
431200 Second Part Geometry

SMART CORE COURSE CODE LIST FOR GRADUATING CLASS OF 2014 AND AFTER (continued)

Algebra II - One Unit

- 432000 Algebra II
- 532010 ADE Approved Algebra II Honors
- 532020 ADE Approved Algebra II
- 532030 IB Algebra II
- 539930 Concurrent Credit Algebra II

Fourth Math - One Unit

- 433000 Pre Calculus
- 434010 Calculus
- 439050 Advanced Topics and Modeling in Mathematics
- 439070 Algebra III
- 439080 Mathematical Applications and Algorithms
- 439090 Linear Systems and Statistics
- 439100 Computer Science and Mathematics
- 439110 Transitional Math Ready
- 533010 ADE Approved Pre Calculus Honors
- 533020 ADE Approved Pre Calculus
- 533160 IB Pre Calculus/Trig
- 534020 ADE Approved Calculus Honors
- 534040 AP Calculus AB
- 534050 AP Calculus BC
- 534060 IB Calculus
- 539030 AP Statistics
- 539040 IB Trigonometry
- 539060 IB Mathematical Studies
- 539070 IB Mathematics SL
- 539080 AP Computer Science
- 539110 IB Computer Science
- 539900 Concurrent Credit Beyond Algebra II

**SOCIAL STUDIES - 3 UNITS
(SEE NOTE UNDER ECONOMICS)**

Civics - 0.5 Unit

- 472000 Civics (0.5 credit)
- 472100 Civics (1 credit)
- 572000 ADE Approved Civics (0.5 credit)
- 572020 ADE Approved Civics/Government Honors
- 572030 IB American Government
- 572040 ADE Enhanced AP United States Government & Politics
- 572100 ADE Approved Civics/American Government
- 579930 Concurrent Credit Civics

World History - One Unit

- 471000 World History
- 571000 ADE Approved World History
- 571010 ADE Approved World History Honors
- 571020 AP World History
- 579910 Concurrent Credit World History

American History - One Unit

- 470000 American History
- 570010 ADE Approved American History Honors
- 570020 AP United States History
- 570030 ADE Approved American History
- 570050 IB History of the Americas
- 579920 Concurrent Credit American History

**ECONOMICS - 0.5 UNIT
(MAY BE COUNTED TOWARD SOCIAL STUDIES OR CAREER FOCUS)**

Economics - 0.5 Unit

- 474300 Economics (0.5 credit)
- 492280 Economics (0.5 credit)
- 574000 Concurrent Credit Economics with Personal Finance
- 579130 ADE Approved AP Macroeconomics & Personal Finance (0.5 credit)
- 579140 ADE Approved AP Microeconomics & Personal Finance (0.5 credit)

HEALTH AND SAFETY - 0.5 UNIT

Health and Safety - 0.5 Unit

- 480000 Health and Wellness (0.5 Credit)
- 480950 JROTC Health
- 580010 ADE Approved Health and Safety
- 580900 Concurrent Credit Health and Safety

PHYSICAL EDUCATION - 0.5 UNIT

Physical Education - 0.5 Unit

- 485000 Physical Education and Leisure
- 485010 Personal Fitness for Life (0.5 credit)
- 485950 JROTC Physical Education
- 585010 ADE Approved Physical Education
- 585900 Concurrent Credit Physical Education

**CAREER FOCUS - 6 UNITS CHOSEN FROM COURSE CODES
BEGINNING WITH A 4 OR 5**

**COMPUTER SCIENCE
(optional units for 4th math or 3rd science requirements)**

Computer Science - Optional Flex Unit

- 460020 Essentials of Computer Programming
- 460050 Computer Science and Mathematics
- 560050 AP Computer Science
- 560060 IB Computer Science