

NOHS Course Offering Information 2015-16

Language Arts

- Basic Reading and Writing (9th; AE)
- 9th Grade Lit /9th Grade Lit Honors (9th; Core)
- 10th Grade Lit. (10th; Core)
- 10th Grade Lit.—Honors (10th, Core; teacher rec)
- American Literature (11th; Core)
- American Literature—Honors (11th; Core; teacher rec)
- English Literature (12th; Core)
- English Literature—Honors (12th; Core; Teacher rec)
- AP Literature (12th: Core; Teacher rec—Offered on A/B only)
- AP Language (11th: Core; Teacher rec—Offered on an A/B only)
- Mythology (10th-12th; AE; Pre-req—successful completion of 9th grade Lit./Comp)
- Literary Types (10th-12th; AE; Pre-req—enjoy reading, successful completion of 9th grade Lit./Comp, A/B)
- SAT Prep (11th-12th; AE)
- Journalism (11th-12th; AE—Teacher Rec Required)

Science

- Biology/Biology Honors (9th; Core)
- Physical Science (9th-10th; Core)
- Chemistry/Chemistry Honors (10th-12th; Core; Pre-req for Honors is Biology Honors , teacher rec)
- AP Biology (11th-12th; Pre-req-Biology Honors, Chemistry & teacher rec; Core or AE)
- Human Anatomy & Physiology (11th-12th; Pre-req—Biology I, Chemistry recommended, teacher rec; 4th Sci or AE)
- Earth Systems (10th, 11th,12th; Pre-req—Conceptual Physics or Physical Science and Biology; Core or AE)
- Environmental Science (10th, 11th, 12th Core—Pre-req Biology)
- Physics/Physics Honors(11th-12th; Pre-req—Adv. Algebra or Accelerated An. Geometry; Core or AE)
- AP Chemistry (10th-12th; Pre-req—Chemistry (H), teacher rec; Core or AE)
- AP Physics I (11th-12th; A/B; Pre-req—Chemistry (H), teacher rec; Core or AE)
- AP Physics C—Mechanical (11th-12th; A/B; Pre-req—Calculus: Core or AE)
- AP Environmental Science (10th-12th; A/B; Pre-req, — Honors Biology, or teacher rec)
- Scientific Research (10th-12th; Science competition research; semester course AE)
- Scientific Research (11th-12th; Independent research; A/B yearlong; AE)
- Advanced Physics Principles/Robotics (10th-12th; application only A/B yearlong, AE)

Mathematics

- Coordinate Algebra (9th; Core)
- Coordinate Algebra Support (9th; AE; Teacher Rec)
- Accelerated Coordinate Algebra/Analytic Geom A (9th; Core; Teacher Rec)
- Analytic Geometry (10th; Core; Pre-req Coor Alg)
- Analytic Geometry Support (10th; AE; Teacher Rec)
- Accelerated Analytic Geom B/Adv Algebra (10th; Core; Teacher Rec; Pre-req Acc Co Alg/An Geo)
- Adv. Alg. Support (11th; AE; Teacher Rec)

Mathematics, continued

- Adv. Algebra (11th; Core; Prereq An Geo)
- Acc. Pre-Calculus (11th; Core;Pre-req Acc An Geo/Adv.Alg; teacher rec)

4th Math Options

- CCGPS Pre-Calculus (12th; Core; Pre-req— Adv. Algebra)
- Advanced Mathematical Decision Making (12th; Core; Pre-req Adv. Algebra)
- AP Statistics (11th-12th; Core; Pre-req—Acc. Pre-Calc & teacher rec)
- AP Calculus AB & BC (11th-12th; 2 Core; Pre-req—Acc. PreCalc with teacher rec)
- AP Calc AB (yearlong;A/B; Pre-req-Acc PreCalc with teacher rec)

Social Studies

- American Government and Civics (9th; Core)
- American Government and Civics Honors (9th; Core; Teacher rec)
- AP American Government & Politics (9th-12th; AE or Core; Social Studies teacher recs; offered on A/B only)
- World History (10th; Core)
- World History Honors (10th; Core; Teacher rec)
- AP World History (10th; Core; English and Social Studies teacher recs, read at 12th grade level; paired on A/B with 10th Grade Lit. Honors)
- US History (11th; Core)
- US History Honors (11th; Core; Teacher rec)
- AP US History (11th; Core; Social Studies teacher rec, offered on A/B only)
- Economics (12th; Core)
- AP Economics (12th; AE or Core; Social Studies teacher recs; offered on A/B only)
- AP Human Geography (9th-12th; AE; Social Studies teacher rec; offered on A/B only)
- Psychology (10th-12th; AE)
- Sociology (10th-12th; AE, offered on A/B only)
- US History in Film (11th-12th, offered on A/B only, AE)

Physical Education

- Personal Fitness (9th grade; Required; 1/2 unit; A/B)
- Health (9th grade; Required; 1/2 unit; A/B)
- Introductory Team Sports (10th-12th; LE)
- Introductory Lifetime Sports (10th-12th; LE)
- Outdoor Education (10th-12th; LE)
- Weight Training (9th-12th; LE)
- Weight Training Adv. (10th-12th; Teacher rec)
- Adaptive PE (11th and 12th grades; teacher rec required; LE)

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Foreign Language

- Latin I-II (9-12 grades; AE)
- Latin III Honors (10-12 grades; AE; Only offered on A/B)
- Latin IV Honors (11th-12th; Only offered on A/B)
- AP Latin (11th-12th; Only offered on A/B)
- Spanish I-II (9-12 grades, AE)
- Spanish III Honors (10-12; AE; Only offered on A/B)
- Spanish IV Honors (11-12; AE; Only offered on A/B)
- AP Spanish (11-12 grades; AE; Offered on A/B only)
- French I-II (9-12 grades; AE)
- French III-IV Honors (10-12; AE; Offered on A/B only)
- German I-II (9-12 grades; AE)

Fine Arts

- Marching Band (9th-12th; Teacher rec)
- Concert Band (9th-12th; Teacher rec)
- Percussion (9th-12th; Teacher rec)
- Modern Dance I-IV (9th-12th)
- Mixed Chorus I-IV (9th-12th)
- Drama Fundamentals (9-12)
- Acting I –III (10-12; Pre-req—Drama I and Teacher Rec)
- Film History (11-12; Offered on A/B only)
- Technical Theatre (10th-12th; Offered on A/B only)
- Art I-IV (9-12; Pre-req—Teacher rec for Art II-IV)
- AP Studio Art (11-12; Pre-req—Art III & Teacher rec)

Career, Technical, and Agriculture Education

Agriculture Concentration

Forestry/Natural Resources Pathway

- Basic Agricultural Science and Technology (9th-11th; TC)
- Forest Science (10th-12th; Pre-req—Basic Ag, TC, 4Sci NR, AE)
- Wildlife Management (10th-12th; Pre-req—Basic Ag, TC, 4Sci NR, AE) Not offered 2015-16

Plant Science/Horticulture Pathway

- Basic Agricultural Science and Technology (9th-11th; TC)
- General Horticulture & Plant Science (*not offered 2015-16*)
- Nursery and Landscape (10th-12th; Pre-req—Basic Ag, TC)

Architecture, Construction, Communications & Transportation Concentration

Architectural Drawing & Design Pathway

- Intro to Engineering Drawing and Design (9th-12th, TC)
- Architectural Drawing and Design I (10th-12th, Pre-req—Intro to ED&D, TC)
- Architectural Drawing and Design II (10th-12th; Pre-req—Intro and ADD I, TC)

Graphic Design Pathway

- Introduction to Graphics and Design (9th-12th; TC)
- Graphic Design and Production (10th-12th; Pre-req—Intro to Graphics and Design; TC)
- Advanced Graphic Design (10th-12th; TC; Pre-req—Graphic Design and Production)

Business and Computer Science Concentration

Interactive Media Pathway

- Intro to Digital Technology (9th-12th; TC)
- Digital Design (10th-12th; Pre-requisite—Intro to Digital Tech; TC)
- Web Design (10th-12th; TC; Pre-req—Digital Design)

Entrepreneurship Pathway

- Intro to Business and Technology (9th-12th; TC)
- Legal Environment of Business (9th-12th; TC; pre-req Intro to Bus. and Technology)
- Entrepreneurial Ventures (10th-12th; TC; pre-req Legal Env of Business)

Healthcare Science Concentration

Therapeutic Services—Nursing Pathway

- Introduction to Healthcare Science (10th-12th; TC, AE)
- Essentials of Healthcare (10th-12th; Pre-req—Intro to Healthcare Science; TC, AE)
- Patient Care Fundamentals (11th-12th; Pre-req—Essentials of Healthcare; TC; Intern hours required)

Therapeutic Services—Emergency Medical Responder

- Introduction to Healthcare Science (10th-12th; TC, AE)
- Essentials of Healthcare (10th-12th; Pre-req—Intro to Healthcare Science; TC, AE)
- Emergency Medical Responders (11th-12th)

Education Concentration

Early Childhood Education Pathway

- Early Childhood Education I (9th-12th; TC)
- Early Childhood Education II (11th-12th; Pre-req—ECE I (Teacher Rec—work-based program, TC)
- Early Childhood Education III (11th-12th; Pre-req—ECE II must take both courses in same year, teacher rec—work-based program, TC)

Culinary Arts Concentration

Culinary Arts Pathway

- Introduction to Culinary Arts (9th-11th; TC)
- Culinary Arts I (10th-12th; Pre-req—Intro to Culinary Arts; TC)
- Culinary Arts II (10th-12th; Pre-req—Culinary Arts I; TC)

CTAE/STEM Electives

- Agricultural Leadership (9th-12th)
- Animal Science (10th-12th; 4thSci)
- Equine Science (10th—12th); 4th Sci
- Advanced Placement Computer Science A (10th-12th; AE or 4Sci; Pre-requisite—Acc Coor Alg or An.Geom.; spring semester)

Work-Based Learning

- Work-Based Learning Internship (11th-12th; Pre-req—Application process; TC in area of concentration)
- Youth Apprenticeship (11th-12th; Pre-req—application)