NOHS Course Offering Information
2012-13

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; Pre-req—teacher recommendation)
- American Literature (11th; Core)
- American Literature—Honors (11th; Core; Pre-req—teacher recommendation)
- English Literature (12th; Core)
- English Literature—Honors (12th; Core; Pre-req—Teacher recommendation)
- AP Literature (12th: Core; Pre-req— Teacher recommendation—Offered on A/B only)
- AP Language (11th: Core; Pre-req.—Teacher recommendation—Only offered on an A/B)
- Mythology (10th-12th; AE; Pre-req—successful completion of 9th grade Lit./Com)
- Literature Types (10th-12th; AE; Pre-req—enjoy reading, successful completion of 9th grade Lit./Comp)
- SAT Prep (11th-12th; AE)
- Journalism (11th-12th; AE—Teacher Recommendation Required)

Science

- Biology/Biology Honors (9th; Core)
- Physical Science (10th; Core)
- Chemistry/Chemistry Honors (10th-12th; Core; Pre-req for Honors—Biology Honors , teacher recommendation)
- Biology II Honors (11th-12th; Pre-req—Biology Honors, Chemistry & teacher recommendation; 0.5 AE)
- AP Biology (11th-12th; Pre-req-Biology Honors, Chemistry & teacher recommendation; Core or AE)
- Human Anatomy & Physiology (11th-12th; Pre-req—Biology I, Chemistry recommended, teacher recommendation; Core or AE)
- Earth Systems (11th-12th; Pre-req—Conceptual Physics or Physical Science and Biology; Core or AE)
- Physics/Physics Honors(11th-12th; Pre-req—Trigonometry or Accelerated Math II; Core or AE)
- Chemistry II Honors(11th-12th; Pre-req—Chemistry Honors, Biology & teacher recommendation; 0.5 AE)
- AP Chemistry (11th-12th; Pre-req—Chemistry, teacher recommendation; Core or AE)
- AP Physics C—Mechanical (11th-12th; Pre-req—Calculus:1 Core or AE)

Mathematics

- Coordinate Algebra (9th; Core)
- Coordinate Algebra Support (9th; AE; Pre-req—Teacher Rec)
- Accelerated Coordinate Algebra/Analytic Geom A (9th; Core)
- Math II (10th; Core)
- Math II Support (10th; AE; Pre-req—Teacher Rec)
- Accelerated Math II (10th; Core)
- Math III (11th; Core)
- Math Support III (11th; Core)
- Accelerated Math III (11th; Core; Pre-req—Accl. Math II)
- Math IV (12th; Core; Pre-req—Math III)

Mathematics, continued

- AP Statistics (11th-12th; Core; Pre-req—Accl. Math II & teacher recommendation)
- AP Calculus AB & BC (12th; 2 Core; Pre-req—Accl Math III with teacher recommendation)

Social Studies

- American Government and Civics
- American Government and Civics Honors (9th; Core; Pre-req—Teacher recommendation)
- World History (10th; Core)
- World History Honors (10th; Core; Pre-req—Teacher recommendation)
- AP World History (10th; Core; Pre-req—English and Social Studies teacher recommendations, read at 12th grade level; paired on A/B with 10th Grade Lit. Honors)
- US History (11th; Core)
- US History Honors (11th; Core; Pre-req—Teacher recommendation)
- AP US History (11th; Core; Pre-req.—Social Studies teacher recommendation, offered on an A/B schedule, STRONGLY RECOMMENDED to take either AP Language or American Literature Honors on an A/B with AP US History)
- Economics (12th; Core)
- AP Economics (11th-12th; AE or Core; Pre-req—English and Social Studies teacher recommendations)
- AP American Government & Politics (11th-12th; AE or Core; Pre-req—English and Social Studies teacher recommendations)
- AP European History (11-12th; AE; Pre-req—Social Studies teacher recommendation)
- Individual Law (11th-12th; AE)
- Psychology (10th-12th; AE)
- Sociology (10th-12th; AE)

Physical Education

- Personal Fitness (9th grade; Required; 1/2 unit)
- Health (9th grade; Required; 1/2 unit)
- 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; LE)
- Adaptive PE (11th and 12th grades; teacher recommendation required; LE)

**Additional Agricultural Pathway to be added in the future:*

Animal Science

- Basic Agricultural Science and Technology
- **Animal Science/Biotechnology**
- Agricultural Animal Production and Management
- Equine Science

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4Sci **NR** = 4th Science option, but not recognized by Board of Regents

NOHS Course Offering Information
2012-13

Foreign Language

- Latin I-III (9-12 grades; AE)
- Latin III Honors (10-12 grades; AE; Fall semester only)
- AP Latin (10-12 grades, AE, Spring semester only)
- Spanish I-II (9-12 grades, AE)
- Spanish III Honors (10-12; AE; Pre-req—sequential by level—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 (10-12 grades; AE; Offered on A/B only)

Fine Arts

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

Career, Technical, and Agriculture Education

Agriculture Concentration

Forestry/Natural Resources Pathway

- Basic Agricultural Science and Technology (9th-12th; 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)

Plant Science/Horticulture Pathway

- Basic Agricultural Science and Technology (9th-12th; TC)
- General Horticulture & Plant Science (10th-12th; Pre-req—Basic Ag, TC, 4Sci, AE)
- Nursery and Landscape (10th-12th; Pre-req—Basic Ag, TC)

*See other side for additional pathway being added in future

Additional course offerings in Agriculture-

- Agriculture Leadership (10th-12th; TC)
- Animal Science (10th-12th; TC, 4Sci, AE)

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-12; 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

Computing Pathway

- Computing in the Modern World (9th-12th; TC)
- Beginning Programming (10th-12th; Pre-req—Computing in the Modern World and/or teacher recommendation; not open to students with credit in AP Computer Science; TC)
- Intermediate Programming (10th-12th; Pre-req—Computing in the MW and Beginning Programming; TC)
- Advanced Placement Computer Science A (10th-12th; AE or 4Sci; Pre-requisite—Accl Math I or Math II; Offered on A/B only)

Interactive Media Pathway

- Computing in the Modern World (9th-12th; TC)
- Fundamentals of Web Design (10th-12th; Pre-requisite—Computer Applications or Computing in the Modern World; TC)
- Advanced Web Design (10th-12th; Pre-req—Webpage Design or Fundamentals of Web Design)

Additional course offerings in Business-

- Business Essentials (10th-12th; TC)

Healthcare Science Concentration

Therapeutic Services—Nursing Pathway

- Introduction to Healthcare Science (10th-12th; TC, 4Sci **NR** , AE)
- Applications of Therapeutic Services (10th-12th; Pre-req—Intro. To Healthcare Science; TC, 4Sci **NR** , AE)
- Nursing Essentials (11th-12th; Pre-req—Applications to Healthcare Science; TC; Intern hours required)
- Concepts of Emergency Medicine (Focus on Emergency Medicine; 11th-12th; Pre-req—Application to Healthcare Science; TC, 4Sci **NR** , AE)

Education Concentration

Early Childhood Education Pathway

- Human Growth & Development (10th-12th; TC)
- Intro. To Early Childhood Care & Ed. (11th-12th; Pre-req—Human Growth & Development & Teacher Recommendation—work-based program, TC)
- Health, Safety & Nutrition for the Young Child (11th-12th; Pre-req—Intro. To Early Childhood Care & Ed.—must take both courses in same year, teacher recommendation—work-based program, TC)

Culinary Arts Concentration

Culinary Arts Pathway

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

Additional course offerings in Family and Consumer Sciences-

- FACS Pathway Essentials (9th-12th; TC)

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)

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