




PRACTICAL ARTS ELECTIVES



*Note: Please reference the 2020-2021 NHS program of studies for full course descriptions.



Practical Electricity 9 10 11 12 — Practical Electricity is designed to provide a comprehensive, content-filled introduction to basic electrical theory, circuit fundamentals, and practical wiring techniques. Special emphasis is placed on the many different ways electricity affects our everyday living.



Electronics 10 11 12  — Electronics is designed for students who want to explore this complex field. Students are provided with an introduction to the basic principles of electronics. Emphasis is placed on the effects of electronics on our everyday living in the 21st Century.



Culinary Arts 10 11 12 — Culinary Arts is designed for students who want to discover the world of food preparation. This course provides an introduction to the fundamental skills needed in the preparation of food.

Advanced Culinary Arts 11 12   — Advanced Culinary Arts is designed for students who want to continue their discovery into the world of Culinary Arts. This course builds upon the fundamental skills and techniques learned in Culinary Arts.

Hospitality Management 11 12   — Hospitality Management is designed for students who want to discover the world of Hospitality Management. This course provides an introduction to the fundamental skills needed in the area of food service and hospitality management.


Radio/TV Broadcast Technology I 9 10 11 12   — Radio/TV Broadcast Technology I is designed to introduce students to the fundamentals of the broadcasting field. Script writing, evolution of television, graphics, and the technical aspects of studio production will be covered in this 21st Century media pathway.

Radio/TV Broadcast Technology II 11 12   — Radio/TV Broadcast Technology II is designed for students who want to produce and direct live campus news and sports programming while learning about and utilizing 21st century technology.

Radio/TV Broadcast Technology Honors III 12   — Radio/TV Broadcast Technology III is designed for students who want to explore the media pathway in public relations and community affairs while incorporating 21st Century technology.


Metal Working 9 10 11 12 — Metalworking is designed for students who want to explore the world of working with metals. This course provides an introduction to the basic skills, techniques, procedures, and processes used in the metalworking trade.

Woodworking 9 10 11 12 — Woodworking is designed for students who want to become familiar with the properties of wood and allied materials. Machine operations and project assignments are covered on an introductory-type basis.

Carpentry 10 11 12  — Carpentry is the capstone course of woodworking where students will refine their previously learned skills to a mastery level. Machine operations and project assignments are covered in greater detail. Emphasis is placed on cooperative group projects, team building, and leadership.



Introduction to Engineering Design 9 10 11 12 — This course is designed as an opportunity for students to dig deep into the engineering process, applying math, science and engineering standards to hands-on- projects using 3D modeling software.

Introduction to Drafting and Design 9 10 11 12 — More architecture than engineering, this course is designed for students who want to discover the world of technical drawing and provides an introduction to fundamental skills needed in the design field.

Introduction to Industrial Arts 9 10 11 12  — A foundation course that explores the fundamentals of metalworking, woodworking and electricity.

International Business Practice Firm 11 12 — International Business Practice Firm is designed for students who want to develop the necessary skills to conduct a business using state-of-the-art technology including business equipment, computers, and telecommunication devices.

Robotic Engineering 9 10 11 12 — This course is designed to be an opportunity to explore the field of robotic design using a variety of hands on activities.

Key:  requires teacher approval  has a prerequisite

* all classes fulfill all or part of the practical art requirement with the exception of Financial Literacy

Introduction to Business and Financial Management 9 10 11 12 — Designed as an overview of the Business Management, Marketing, and Finance career clusters. May either meet the Financial Literacy requirement or the Practical Art requirement.

Business Law 11 12 — Business Law is designed for students who want to explore the legal world focusing on civil, contract, and criminal law. This course provides an insightful analysis of the many concepts, processes, and terms that are a part of the legal arena.

Accounting I 9 10 11 12 \mathbb{P} — This course goes over accounting procedures, including analyzing and journalizing business transactions. Must have taken Accelerated Algebra I, Advanced Algebra I or must take concurrently with Advanced Algebra I. May either meet the Financial Literacy requirement or the Practical Art requirement.

College Preparatory Accounting Honors 10 11 12 \mathbb{P} — College Preparatory Accounting Honors is designed for students who want to explore the business world through the preparation and analysis of accounting information. This course connects the corporate and business worlds to the function of accounting within those domains. Must have taken or be taken concurrently with Accelerated Algebra II or Advanced Algebra II.

Marketing I 9 10 11 12 — The Marketing I course is designed to meet the needs of students who have entered or are preparing to enter an occupation requiring competencies in marketing functions, including finance, market research, sales, and promotions. Marketing education addresses areas of merchandising, publicity, advertising, and provides experiences in the selling process. May either meet the Financial Literacy requirement or the Practical Art requirement.

Marketing Applications 10 11 12 \mathbb{P} — Students will learn more advanced concepts of marketing and develop original and creative ideas of a variety of business models and industries.

Entrepreneurship I 10 11 12 \mathbb{P} — Entrepreneurship is designed for students to expand their knowledge of business/marketing principles related to ownership and management of business.

Marketing Research Honors 11 12 \mathbb{P} — Designed to expose students to the theory and practice of marketing research. Provides an overview that highlights the importance of marketing research, different types of research, both secondary and primary, qualitative and quantitative, and the marketing research process.

Fundamentals of Web Design 10 11 12 — Fundamentals of Web Design is designed for students who want to explore the mechanics of website creation and management. This course requires students to understand, apply, and utilize the overall production process surrounding website design. There is an emphasis on site layout, navigation and interactivity.

Networking / IT Essentials 9 10 11 12 — IT Essentials is designed for students who want an introduction to the computer hardware and software skills needed to help meet the growing demand for entry-level Information and Communication Technology (ICT) professionals.

Cisco I 10 11 12 — Cisco I provides the experience needed to help meet the growing demand for ICT professionals. The course helps prepare students for entry-level career opportunities, continuing education, and globally recognized Cisco certifications.

Cisco II Honors 11 12 \mathbb{P} — Cisco II Honors provides the experience needed to help meet the growing demand for ICT professionals. The course builds on skills from Cisco I and offers engaging hands-on learning experience using interactive activities to reinforce student comprehension.

Financial Literacy 9 10 11 12 — This is a **half year course** that is required for graduation and is designed for students to attain money management skills and 21st century financial knowledge.

Fundamentals of Business and Personal Law 9 10 11 12 — This is a **half year course** taken along with Financial Literacy. Designed for students to learn more about legal issues common to business and personal life.

Fundamentals of Investment Management 9 10 11 12 — This is a **half year course** taken along with Financial Literacy. This course explores business and financial management and topics related to stock market investment.

Financial Literacy/ Digital Systems and Technology 9 10 11 12 \mathbb{P} — These two half year courses combine Financial Literacy with a survey class introducing the principles of accounting, workplace organization, and presentation skills.

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