

**School of Business and Finance – Four-Year Plan**  
**Jefferson County Academy of Business and Finance**

	<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>	<b>Sample Occupations</b>
<b>English/Language Arts</b>	Choose One: <ul style="list-style-type: none"> <li>▪ English 9</li> <li>▪ Adv English 9</li> </ul>	Choose One: <ul style="list-style-type: none"> <li>▪ English 10</li> <li>▪ Adv English 10</li> </ul>	Choose One: <ul style="list-style-type: none"> <li>▪ English 11</li> <li>▪ Adv English 11</li> <li>▪ AP English Lang &amp; Comp</li> </ul>	Choose One: <ul style="list-style-type: none"> <li>▪ English 12</li> <li>▪ Adv English 12</li> <li>▪ AP English Lit &amp; Comp</li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>Account Representative</b></li> <li>▪ <b>Accountant</b></li> <li>▪ <b>Actuary</b></li> <li>▪ <b>Analyst</b></li> <li>▪ <b>Bank Teller</b></li> <li>▪ <b>Chief Financial Officer</b></li> <li>▪ <b>Credit Analyst</b></li> <li>▪ <b>Debt Counselor</b></li> <li>▪ <b>Financial Analyst</b></li> <li>▪ <b>Fraud Specialist</b></li> <li>▪ <b>Insurance Appraiser</b></li> <li>▪ <b>Loan Officer</b></li> <li>▪ <b>Securities/Investments</b></li> <li>▪ <b>Stock Broker</b></li> <li>▪ <b>Underwriter</b></li> </ul>
<b>Math</b>	Choose One: <ul style="list-style-type: none"> <li>▪ Algebra I</li> <li>▪ Geometry</li> </ul>	Choose One: <ul style="list-style-type: none"> <li>▪ Geometry</li> <li>▪ Algebra II with Trigonometry</li> </ul>	Choose One: <ul style="list-style-type: none"> <li>▪ Algebraic Connections</li> <li>▪ Algebra II with Trigonometry</li> <li>▪ Pre-Calculus</li> </ul>	Choose One: <ul style="list-style-type: none"> <li>▪ Algebra 2</li> <li>▪ Algebra 2 with Trig</li> <li>▪ Pre-Calculus</li> <li>▪ AP Calculus AB</li> </ul>	
<b>Science</b>	Choose One: <ul style="list-style-type: none"> <li>▪ Biology</li> <li>▪ Adv Biology</li> </ul>	Choose One: <ul style="list-style-type: none"> <li>▪ Physical Science</li> <li>▪ Chemistry</li> <li>▪ Adv Chemistry</li> </ul>	Science of Choice	Science of Choice	
<b>Social Science</b>	Choose One: <ul style="list-style-type: none"> <li>▪ World History</li> <li>▪ Adv World History</li> </ul>	Choose One: <ul style="list-style-type: none"> <li>▪ US History 10</li> <li>▪ AP US History 1</li> </ul>	Choose One: <ul style="list-style-type: none"> <li>▪ US History 11</li> <li>▪ AP US History 2</li> </ul>	<ul style="list-style-type: none"> <li>▪ Government (1/2 credit)</li> <li>▪ Economics (1/2 credit)</li> </ul>	
<b>Required Electives</b>	<ul style="list-style-type: none"> <li>▪ Career Preparedness</li> <li>▪ LIFE PE</li> </ul>	<ul style="list-style-type: none"> <li>▪ Health</li> </ul>	NA	NA	
<b>Pathway Courses</b>	Business Technology Applications	Business in a Global Economy NAF	Principles of Accounting NAF Co-Op (optional)	Choose One: <ul style="list-style-type: none"> <li>▪ Principles of Finance NAF</li> <li>▪ Adv Accounting Co-Op (optional)</li> </ul>	
<b>Additional Courses</b>	Entrepreneurship NAF, Ethics in Business NAF				
<b>College and/or Career Readiness Indicators</b>	Industry Credentials: Microsoft Office Specialist or IC <sup>3</sup> Global Standard 4 Dual Enrollment: Jefferson State Community College or Lawson State Community College				
<b>Club Membership</b>	Future Business Leaders of America				
<b>Academy Experiences</b>	Speakers, Public Speaking Activities, Fieldtrips/Tours, Field Experiences				
<b>Membership</b>	This academy is open to students inside and outside the Jefferson County School District. Applications are posted on our school's website in January: <a href="http://shadesvalleyhigh.jefcoed.com">http://shadesvalleyhigh.jefcoed.com</a> .				
<b>Coordinator</b>	Mr. Chris Shaw – (205) 379-5350 – <a href="mailto:chrishaw@jefcoed.com">chrishaw@jefcoed.com</a>				

**Updated: April 2017**

## Jefferson County Academy of Business and Finance

This pathway is for students who are interested in pursuing careers in finance. Courses provide an overview of career opportunities which are available in every sector of the economy and require individuals working in finance to have strong computational, analytical and interpersonal skills, and effective use of technology. The majority of finance classes offered at Shades Valley High School are endorsed and written by the National Academy of Finance (NAF) located in New York.

### **Cooperative Education: Work-Based Experience (Co-Op)**

**400122 Co-Op (First Credit) 1 Credit Gr11-12**

**400133 Co-Op (Second Credit) 1 Credit Gr11-12**

**400144 Co-Op (Third Credit) 1 Credit Gr11-12**

**400212 Co-Op (Fourth Credit) 1 Credit Gr11-12**

Cooperative Education Seminar is a work-based experience that includes supervised, on-the-job training. A workplace mentor and work-based learning/CTE teacher supervise all work. Students leave school during fifth block each day to report to an approved work setting. To receive one credit for this course, students must work at least 140 hours. The CTE teacher and student work together to develop a training agreement and an individualized training plan that identifies a learning experience designed to meet the student's occupational objective.

**Prerequisite(s):** Students must: (1) Complete a Co-Op application, (2) have a 2.5 or above GPA, (3) complete two credits of CTE courses in the same pathway, (4) have good attendance and citizenship, and (5) receive permission of the instructor and administration.

**Fee:** None

### **450006 Business Tech Applications 1 Credit Gr 9**

Business Technology Applications is designed to assist students in developing technological proficiencies in word processing, spreadsheets, databases, presentations, communications, Internet use, ethics and careers using technology applications. Simulations and projects promoting teamwork, leadership, and workplace skills offer further opportunities for applications of knowledge and skills.

**Prerequisite(s):** None

**Fee:** \$25.00

**470013 Adv Accounting**

**1 Credit Gr 12**

Advanced Accounting is designed to provide students with an increased emphasis on accounting principles and techniques for solving business problems and making financial decisions. This course includes adjusting inventory control systems; applying accounting procedures for revenues, expenses, and loans; and enhancing accounting skills.

**Prerequisite(s):** Principles of Accounting

**Fee:** \$25.00

### **470050 Entrepreneurship NAF 1 Credit Gr10-12**

Entrepreneurship is designed to provide students with the skills needed to effectively organize, develop, create, and manage a business in a global economy. This course includes business management and entrepreneurship skills, communication and interpersonal skills, economics, and professional development foundations. Students create a business plan after exploring the steps necessary to start, finance, and organize a business. Instructional strategies may also include a school-based enterprise, computer and technology applications, real and simulated occupational experiences, or projects related to business ownership.

**Prerequisite(s):** Career Preparedness or Business Technology Applications

**Fee:** \$25.00

### **470053 Prin of Accounting NAF 1 Credit Gr 11**

Principles of Accounting provides students with an understanding of the accounting process and how it facilitates decision making by providing data and information to internal and external stakeholders. Students learn that accounting is an integral part of all business activities. They learn how to apply technology to accounting by creating formulas and inputting data into spreadsheets. Students also examine career opportunities and the professional certifications and designations earned by individuals in the accounting profession.

**Prerequisite(s):** Business in a Global Economy or Entrepreneurship or Ethics in Business

**Fee:** \$25.00

### **470054 Financial Planning NAF 1 Credit Gr 12**

Financial Planning provides students with an overview of the job of a financial planner. Students learn to consider

how all aspects of financial planning might affect a potential client and learn about the importance of financial planning in helping people reach their life goals. This course includes lessons on saving, borrowing, credit, all types of insurance and various types of investments. Students also examine careers in financial planning.

**Prerequisite(s):** Principles of Accounting NAF

**NCAA:** NOT Approved

**Fee:** \$25.00

### **470058 Ethics in Business NAF 1 Credit Gr10-12**

Ethics in Business is designed to help students focus on the significance of ethics to stakeholders, examine who bears responsibility for monitoring ethics and explore ethical situations common in organizations. Students examine how ethics affects various business disciplines and consider the impact of organizational culture. Students also explore ethics as a social responsibility, the evolution of ethics in international business and how the free market and ethics can coexist.

**Prerequisite(s):** Business Technology Applications

**Fee:** \$25.00

### **470059 Bus in a Global Econ NAF 1 Credit Gr10-11**

Business in a Global Economy provides students with an understanding of how and why businesses choose to expand their operations into other countries. This course exposes students to the unique challenges facing multinational organizations and to the potential opportunities and markets that are lost to organizations that choose not to do business in the global marketplace. This course broadens student understanding of how businesses operate and how they grow and thrive in our ever-changing world.

**Prerequisite(s):** Business Technology Applications

**Fee:** \$25.00