

Oklahoma *Mathematics of Finance*

Correlation to *Virtual Business - Personal Finance*

Course Concepts	Virtual Business <i>Personal Finance</i>
PASSport to Financial Literacy	✓✓✓
Mathematics of Finance	✓✓✓

Legend:

- ✓ Some correlation to the competency
- ✓✓ High correlation to the competency
- ✓✓✓ Very High correlation to the competency

The information for this correlation was found during 04/2008 at the following web address:

<http://sde.state.ok.us/home/defaultns.html>
http://www.jumpstart.org/state_legislation/index.cfm?stnm=Oklahoma#stateinfo

PASSport to Financial Literacy

Areas of Instruction	<i>Personal Finance Lesson</i>
1. Understanding interest, credit card debt, and online commerce	<ul style="list-style-type: none"> • Buying a Car • Shopping • Getting a Credit Card • Fixing Your Credit • Education & Advancement • Buying a Home • New Career Project
2. Rights and responsibilities of renting or buying a home	<ul style="list-style-type: none"> • Finding an Apartment • Buying a Home • New Career Project
3. Savings and investing	<ul style="list-style-type: none"> • Finding a Job • Budgeting & Saving • Intro to Investing • Risk vs. Return • Diversification • Investing for Retirement • New Career Project
4. Planning for retirement	<ul style="list-style-type: none"> • Finding a Job • Investing for Retirement • New Career Project
5. Bankruptcy	
6. Banking and financial services	<ul style="list-style-type: none"> • Choosing & Balancing a Checking Account • Budgeting & Saving • Getting a Credit Card • Intro to Investing • Risk vs. Return • Diversification • Investing for Retirement • New Career Project
7. Balancing a checkbook	<ul style="list-style-type: none"> • Choosing & Balancing a Checking Account • Using Online Banking • New Career Project
8. Understanding loans and borrowing money, including predatory lending and payday loans	<ul style="list-style-type: none"> • Buying a Car • Getting a Credit Card • Fixing Your Credit • New Career Project
9. Understanding insurance	<ul style="list-style-type: none"> • Finding a Job • Finding an Apartment • Buying a Car • Insurance • New Career Project
10. Identity fraud and theft	<ul style="list-style-type: none"> • Getting a Credit Card

	<ul style="list-style-type: none"> • Fixing Your Credit • New Career Project
11. Charitable giving	
12. Understanding the financial impact and consequences of gambling	
13. Earning an income	<ul style="list-style-type: none"> • Finding a Job • Education & Career Advancement • New Career Project
14. Understanding state and federal taxes	<ul style="list-style-type: none"> • Finding a Job • Paying Your Taxes • New Career Project

Mathematics of Finance

Concepts	<i>Personal Finance Lesson</i>
<p>I. Personal Earning Power The student will use functional relationships related to personal income to understand and compute earnings based on different methods of wage computation and deductions.</p>	<ul style="list-style-type: none"> • Finding a Job • Paying Your Taxes • New Career Project <p>All VBPF lessons allow the student to continuously analyze their financial decisions using various mathematical processes, reports, & graphs</p>
<p>II. Financial Management The student will use algebraic formulas, numerical techniques and graphs to solve problems related to financial planning</p>	<p>All VBPF lessons allow the student to continuously analyze their financial decisions using various mathematical processes, reports, & graphs</p>
<p>III. Federal Income Tax The student will be able to compute Federal Income Tax using compound inequalities and optimization methods</p>	<ul style="list-style-type: none"> • Paying Your Taxes • New Career Project <p>All VBPF lessons allow the student to continuously analyze their financial decisions using various mathematical processes, reports, & graphs</p>
<p>IV. Financial Transactions The student will investigate the financial aspects of making major purchases (i.e., automobiles, homes), using linear functions and direct variation to make decisions in budgeting</p>	<ul style="list-style-type: none"> • Buying a Car • Shopping • Intro to Investing • Investing for Retirement • Buying a Home • New Career Project <p>All VBPF lessons allow the student to continuously analyze their financial decisions using various mathematical processes, reports, & graphs</p>

V. Budgeting The student will analyze the components of developing a useful, personal budget	<ul style="list-style-type: none">• Budgeting & Saving• New Career Project