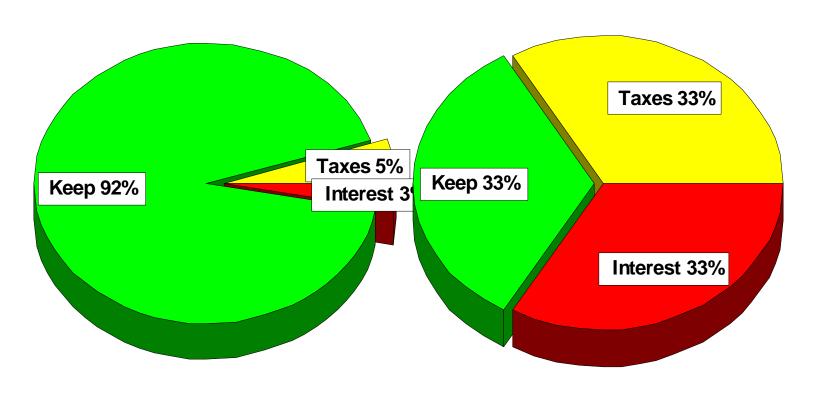
### Chapter One First Things First

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http://www.nr.cc.va/fin107

#### TAXES & INTEREST 1930 & TODAY



### Why does the average person pay 1/3 their income in interest?

Because they borrow a lot and because of compound interest

#### What is compound interest?

You owe interest on the unpaid balance every month

#### What is simple interest?

You are not penalized for making early payments on a loan

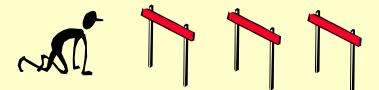
# Give me an example of compound interest and simple interest ...

Mortgage loans

### What's my monthly payment on a mortgage?

Monthly payment is calculated by a set formula

What's my monthly payment on a \$100,000 mortgage, 10% loan? At 30 years your payment would be \$877.57



## What's my monthly interest payment on a \$100,000, 10% loan?

 $$100,000 \times .10 = $10,000$ \$10,000 / 12 = \$833.33



### What percent interest am I paying the first month?

#### How do I calculate the interest I owe the second month?

$$$100,000 - $44.00 = $99,955$$
  
 $$99,955 \times .10 = $9,956$   
 $$9,955 / 12 = $830$ 

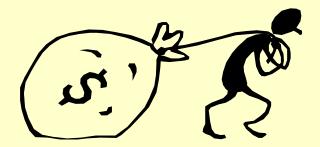
#### How do I calculate interest I owe the third month?

$$$99,956 - $45 = $99,910$$
  
 $$99,910 \times .10 = $9,991$   
 $$9,991 / 12 = $833$ 

#### How much will I pay in principle the third month?



# How much interest will I pay the first year? \$9,975



#### How much principle will I pay the first year?

\$556



#### What is the percent principle the first year?

\$556 of \$10,530 is **5.3%** 

#### What percent interest the first year?

100% - 5.3% = 94.7%



#### Where can I find financial calculators?

http://www.smartcalc.com/

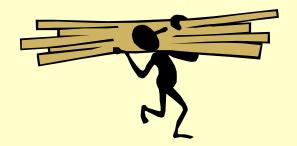
# When I pay interest, who receives my money? People who save



#### So when I pay interest am I working for other people?

YES, its just like working for others

# How do I get other people to work for me? SAVE!



### Can I duplicate myself through saving?



You can duplicate yourself the same as a business owner does through employees

### What are the advantages of duplication?

- More money
- More flexible time
- More security

## How does a business owner duplicate himself through other people?

Because a part of every workers day is devoted to the employer

#### Can you explain to me what you mean? Yes! Consider your situation when you work for someone else

## With a job, how many working hours are there in a day for me?

8, 10, 12, but certainly not more than 18 hours a day

Why is there a limit to the number of hours I can work on a job? Because you are trading hours for dollars

## Explain to me how it is different for a business owner?



#### What's it like if I get credit for one hour each day that an employee works for me?

Its just like you worked that one hour each day

### What's it like if I had 100 employees?

It's just like you worked 100 hours each day!



### With a job if I decide to take an unplanned trip to Florida, what will happen?

Not only will you not get paid but you will lose your job

## As a business owner what happens If I take an unplanned trip to Florida?

You will continue making the same amount of money because your employees continue to work

If I retire, get injured, or die, what happens to my income from the job? Your income stops because your income was based on your ability to perform

### If I own a business and retire, get injured or die, what happens my income?

The income continues as long as the business continues

#### So what is the point to the above illustration? Through the process of duplication you can make more money, have more time and have more security than anyone with a job

#### How can I duplicate myself without owning a business?

You can duplicate yourself through your savings



#### How does this work?



- You put money in a bank
- The bank lends your money out to others
- Borrowers work to pay back the bank
- The bank pays you interest from what they receive from borrowers

## Why is saving better than owning a business?



- With a tax deferred savings plan you can defer paying taxes on your current income
- The bank takes care of the paper work
- You have no obligations to anyone

#### What the first step to saving?

Pay yourself first



#### But I have so many bills, what can I do?

Pay yourself first!



#### How do I pay myself first?

With a working savings account



#### What is a working savings account?

The money is used to pay for unexpected or infrequent expenses

#### What is a personal contract?

A contract with yourself specifying the reasons you will take money out of the savings account

#### Can you give me some examples?

- new tires
- appliances
- birthdays
- new television
- Christmas
- tools

clothes

repairs

#### What is the best way to save?

Make it automatic



#### How do I make my savings automatic?

Request that a certain amount be taken out of your checking account once a month and put into your savings account

#### What is the first step to get out of debt?

Not to go deeper into debt



### How do I prevent from going deeper into debt?

Use your working savings account



## Is it a good idea to make as large payments as I can to pay off my debts?

No!

If you do you are simply planting the seeds for more debt



#### How can making myself debt free as my number one goal only condemn me to a life of debt?

Because you will not have money to buy new tires, birthday gifts etc.

## Where will I get money for these expenses if I do not have it in savings?

You will have to borrow the money



# How much money should I put into this savings account?



- If you do not put enough money in there will seldom be enough to pay for emergencies
- If you put too much money in savings you will not have enough money to pay for necessities

#### What is the next step in my savings program?

A second savings account



#### Why should I have a second savings account?

To pay for things such as a new car



#### If I can save \$4,000 in this second savings account, should I take the money out for a car?

No! Borrow the \$4,000 from yourself

#### How do I borrow money from myself?

Most banks will lend you your own money for about 2% more than the interest you are earning

#### Is my savings available to me if I borrow it?

In most cases each dollar is frozen until you pay it back

#### Why should I borrow the money from myself?

Because your savings is a tool, if you use it you no longer have it

#### Where else can I borrow from myself?



- Consolidation loan
- Your credit union
- Whole life insurance policy
- Home equity loan
- Your 401K plan
- Stocks or bonds
- Certificates of deposit

## What is the next step in my savings program?

A third savings account





# Why should I have a third savings account? This is your retirement account



I want a million dollars in savings when I retire how much should I save monthly? That all depends on how long you have to save and your average return

## What has been the average return in the stock market over the past 50 years?



### If you have 40 years at 10% average return ...

save \$158 monthly



#### If you have 30 years to save then ...

\$442 monthly



#### If you have 20 years to save then...

\$1,317 monthly



# If I had a million dollars in savings and could get a 5% return how much would my income be? \$50,000 a year

## According to The Richest Man in Babylon, what are the 7 steps to wealth?



- 1)Pay yourself first
- 2) Control your spending
- 3) Make your money multiply
- 4) Guard your wealth from loss
- 5) Own your own house free and clear
- 6) Put aside for retirement
- 7) Increase your ability to earn

#### END