

### Objectives

- Consider possible long-term investment needs.
- Discuss the function of Social Security and its role in retirement income.
- Examine how Social Security benefits are calculated.
- Discuss how life stages affect the appropriate amount of risk in investments.
- Describe various financial options for retirement planning.

### **Objectives - Continued**

- Evaluate a Roth IRA as an investment option for teenagers.
- Critique 401(k) funds.

### Retirement Planning NOW

- Compounding interest causes savings and investments to grow faster, the earlier you start!
- Consider how much income you will need to live on and how to make sure you have that income after you retire.
- A good financial plan includes goals for longterm needs.

### You'll Need More Than You Think

- Today's dollar won't buy as much at retirement
- People are living longer
- Long-term care is expensive



## Don't Count on Social Security

- Growing senior population, longer life expectancy = limited financial reserves
- Government is increasing age to receive full benefits
- Born 1960 or later, full retirement = 67
- Reduced benefits at 62
- Wait until age 70 and benefits increase slightly.

### SS Statement of Earnings

- Available upon request or sent automatically before birthdays
- Shows year-by-year earnings
- Check against your own records
- Shows how much you can receive at retirement or if you're disabled



### Calculating Social Security

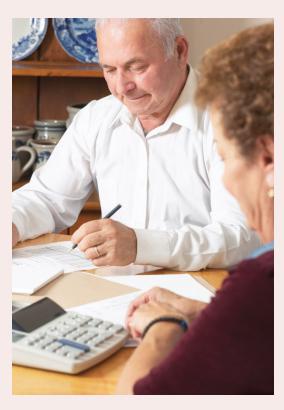
- SSA adjusts past earnings for inflation.
- Average highest 35 income years and divide by 12 = Average Indexed Monthly Earnings.
- Social Security benefit formula applied to average monthly earnings to come up with the benefit payable at full retirement age.

### Life Stages and Investment Risk

- Investment risk should vary depending on your life stage
- Should diversify regardless of life stage



#### Defined Benefit Plan



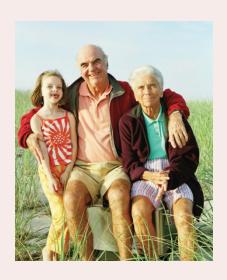
- Funded solely by employer
- Typically pays retirees a percentage of their monthly income, multiplied by years of employment

#### **Defined-Contribution Plan**

- Retirement account invested on employee's behalf
- At retirement, employee receives contributions plus any earnings from investment
- Employee and sometimes the employer make contributions

### **Pension Plans**

- Pension Plan retirement plan offered by employer
  - -401(k)
  - -403(b)
  - TSP Thrift Savings Plan
  - Simplified employee pension
  - Savings Incentive Match Plans for Employees



#### **Annuities**

- Not technically retirement plans
- Funded by employees
- No limit to contributions
- Have fees and charges
- Not guaranteed by the government or any financial institution

#### **IRAs**

- Retirement plan set up with your financial institution, insurance company, or brokerage
- Funded solely by your contributions
- May be tax-deductible
- Traditional and Roth



#### Roth IRAs

- Funded with after-tax dollars; no immediate tax advantage.
- Must be in place for at least five years before withdrawal



### 401 (k)

- Invested in stocks, bonds, mutual funds, etc.
- Maximum annual contribution in 2018: \$18,500
- Roth version of 401(k) contributions made with after-tax dollars; money free from federal taxes upon retirement
- Taxes are paid when you begin receiving distributions upon retirement

### Borrowing from 401 (k)

- When you borrow from 401 (k), you pay back loan with after-tax dollars. You'll pay tax on the money twice!
- Penalty applies when you take money out of a 401(k) before age 59-1/2
- One-time loan origination fee as much as \$75

#### **Unit Review**

- 1. Discuss the importance of long-range planning for retirement.
- 2. Describe how Social Security benefits are calculated.
- 3. Explain why the Social Security system is in financial trouble.
- 4. How and why has the retirement age changed?

#### **Unit Review - Continued**

- 5. Describe what information you can get from a Statement of Earnings.
- 6. Discuss the effects of life stages on investment planning.
- 7. Compare and contrast defined-benefit plans and defined-contribution plans.
- 8. Distinguish between the investments designed for retirement planning.

#### **Unit Review - Continued**

- 9. What tax advantages do the 401(k) and traditional IRA share?
- 10. Compare a Roth IRA to a traditional IRA.
- 11. Discuss the benefits to a young investor opening a Roth IRA.
- 12. Explain why an employee should be concerned about vesting.
- 13. What are the advantages to saving and investing early for retirement? The consequences of waiting?

# career tech

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