

# FINANCIAL CALCULATIONS FOR LAWYERS

## COURSE OUTLINE

1. **Lesson One:** Why Lawyers Need to Know Finance.
  - a. Tort
  - b. Family law
  - c. Corporations
  - d. Real estate
  - e. Retirement planning
  - f. Tax
  - g. Contracts
  - h. Personal
    - i. buy a car or house
    - ii. save for a child's education
    - iii. pay off a student loan
    - iv. value a business
    - v. win the lottery
2. **Lesson Two:** Types of Calculations Introduction
3. **Lesson Three:** Types of Calculators
  - a. Simple
  - b. Financial
  - c. Scientific
  - d. Reverse polish
4. **Lesson Four: Calculator Terminology**
  - a. Present Value (PV)
  - b. Fv
  - c. Pmt
  - d. I
  - e. N
  - f. P/yr
  - g. Mode
5. Interest terminology
  - a. **Lesson Five-A: Interest Terminology**
    - i. Simple
    - ii. Nominal
    - iii. Periodic
    - iv. Compound
    - v. Effective

- b. **Lesson Five-B: Interest terminology**
  - i. APR
- c. **Lesson Five-C: Interest terminology**
  - i. Simple yield
  - ii. Yield
  - iii. Yield to maturity
  - iv. Internal rate of return
- 6. **Lesson Six: Why do people charge interest**
  - a. Inflation
  - b. Risk
  - c. Liquidity
- 7. **Lesson Seven: Choice of an interest rate**
  - a. Personal injury
  - b. Family law
  - c. Business valuation
  - d. Retirement or education saving
- 8. **Lesson Eight: After tax interest rate**
  - a. Why is it important
  - b. How to compute
  - c. examples
- 9. **Lesson Nine: Present Value**
- 10. **Lesson Ten: Future Value**
- 11. **Lesson Eleven: Present Value of an Annuity**
- 12. **Lesson Twelve: Future Value of an Annuity**
- 13. **Lesson Thirteen: Amortization**
- 14. **Lesson Fourteen: Sinking Funds**
- 15. **Lesson Fifteen: Interest Rate Conversion**

**The Following Lessons are not yet available on-line:**

- 16. **Lesson Sixteen: Solving for an Interest Rate**
- 17. **Lesson Seventeen: Torts**
  - a. Lost wages
  - b. Lost business
  - c. Lost contribution
  - d. Lower costs
  - e. Tax issues
- 18. **Lesson Eighteen: Family law**
  - a. Value business
  - b. Value stream of income
  - c. Value alimony
  - d. Value child support obligation
  - e. Saving for education
- 19. **Lesson Nineteen: Consumer law**
  - a. Buy house
  - b. Buy car

- c. Pay-day loans
- d. Credit cards
- e. Apr
- f. Disclosures

**20. Lesson Twenty:** Deferred compensation

- a. Types of plans and terminology
- b. Retirement planning calculations
- c. Value for tax
- d. Investments

**21. Lesson Twenty-one: Tax**

- a. 7872
- b. 1272
- c. 467
- d. 483
- e. 461h
- f. 468B
- g. 1286
- h. Market discount (1275/1276/1277)
- i. 453

**22. Lesson Twenty-two: Corporate law**

- a. Terminology
  - i. bond
  - ii. debenture
  - iii. balance sheet terms
  - iv. stock; preferred; common
- b. Unfunded obligations
- c. Investments