

# Accounting Study Guide 13-14

## Chapter 13

### Liabilities

- Per FASB: "Probable and future sacrifices arising from present obligations of a particular entity to transfer assets or provide services to other entities in the future as a result of past transactions or events"

### Essentials:

1. Present Obligation
  - a. Entails settlement by probable future transfer of current assets or service
    - i. Cash
    - ii. Goods (inventory)
    - iii. Services
2. It is unavoidable
3. The transaction or event creating the obligation has already occurred

### Current Liabilities

- "obligations whose liquidation is reasonably expected to require use of existing resources properly classified as current assets, or the creation of other current liabilities."

### Types:

#### A. Accounts Payable

→ Balances owed to others for goods, supplies, or services purchased on open account

- Amount to be paid is straight forward (because of documentation – receipt)
- Only possible if there are terms of sale (EX: 2/10, n/30 or 1/10, E.O.M)

#### Entry (Periodic)

Purchases	XXX
Accounts Payable	XXXX

#### Entry (Perpetual)

Inventory	XXX
Accounts Payable	XXX

### B. Notes Payable

- Written promises to pay certain sum of money on a specified future date
  - o Arise from purchases (trade not payables)
    - More formally written
  - o Financing (borrowing from institutions)
  - o Classified as short-term (current) if matures within a year → long-term if longer

→ There is cost paid for borrowing a note: INTEREST

1. Interest Bearing
2. Zero Interest Bearing

- Methods for preparing short term computations are the same as long term

#### Interest Bearing Note

→ written agreement that explicitly states the interest rate to be charged on the principal amount of the note

- INTEREST IS ALWAYS STATED AT ANNUAL RATE

EX: \$100,000, 6 percent, 4 month-note

#### Entry (recording the cash received)

Cash	XXX
Notes Payable	XXX

Entry (Accrual of the Interest during the financial statement preparations → can be annual or semiannual)

Interest Expense	XXX
Interest Payable	XXX

#### Entry (Payment of Note/Interest at Maturity Date)

Notes Payable	XXX
Interest Payable	XXX
Cash	XXX

#### Zero-Interest Bearing Note

→ Written agreement that does not explicitly state the interest rate to be charged on the principal amount of the note

- The lender **discounts** the amount of the note at 'present value' equivalent using the repayment time as the number of periods
- The discount rate used is the return the lender wants to make on the borrowing.
  - o The discount rate becomes the cost of borrowing
- Lender gives the borrower the PV amount in cash when the note is signed
- Borrower repays the full-face amount/principal on the note

# Payroll Accounting Study Guide

**Letricia Gayle Rayburn**

## **Payroll Accounting Study Guide:**

**Accounting Essentials** Neal Margolis,N. Paul Harmon,1972 Accounting Essentials 2nd Edition A Self Teaching Guide In the time it takes to commute back and forth to an accounting course Accounting Essentials Second Edition can show you how to master basic record keeping procedures and learn how to protect assets inventory and payroll all in the comfort of your own home So it's not surprising that over 80 000 people have already used the first edition to learn the fundamentals of accounting and bookkeeping Working at your own pace you'll become familiar with every step of a typical accounting cycle from initial transaction through the final preparation of summary statements You'll actually teach yourself how to journalize transactions post to ledgers and summarize information in periodic financial statements by filling in sample documents ledger sheets and financial statements Once you've mastered the basic procedures you'll learn how to apply them in specialized situations like merchandise accounting payroll accounting accounting for inventory and controlling assets This revised edition features updated information on tax rates taxable payroll income for FICA and an appendix showing how you can use your computer to handle common accounting transactions More than 80 Wiley Self Teaching Guides teach practical skills from accounting to astronomy microcomputers to math Look for them all at your favorite bookstore

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Examination **Accounting Principles, Chapters 14-27, Study Guide** Jerry J. Weygandt,Donald E. Kieso,Paul D. Kimmel,2001-05-04 The Navigator the centerpiece of the learning system that empowers students to succeed consists of A checklist at the beginning of each chapter outlining text features and study skills needed A series of check boxes to prompt students to use the learning aids in the chapter and set priorities while studying Accounting in Action and Technology in Action boxes give students glimpses into the real world of business including Ethics Insights International Insights e Business

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### **Table of Contents Payroll Accounting Study Guide**

1. Understanding the eBook Payroll Accounting Study Guide
  - The Rise of Digital Reading Payroll Accounting Study Guide
  - Advantages of eBooks Over Traditional Books
2. Identifying Payroll Accounting Study Guide
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Payroll Accounting Study Guide
  - User-Friendly Interface
4. Exploring eBook Recommendations from Payroll Accounting Study Guide
  - Personalized Recommendations

- Payroll Accounting Study Guide User Reviews and Ratings
- Payroll Accounting Study Guide and Bestseller Lists

5. Accessing Payroll Accounting Study Guide Free and Paid eBooks

- Payroll Accounting Study Guide Public Domain eBooks
- Payroll Accounting Study Guide eBook Subscription Services
- Payroll Accounting Study Guide Budget-Friendly Options

6. Navigating Payroll Accounting Study Guide eBook Formats

- ePUB, PDF, MOBI, and More
- Payroll Accounting Study Guide Compatibility with Devices
- Payroll Accounting Study Guide Enhanced eBook Features

7. Enhancing Your Reading Experience

- Adjustable Fonts and Text Sizes of Payroll Accounting Study Guide
- Highlighting and Note-Taking Payroll Accounting Study Guide
- Interactive Elements Payroll Accounting Study Guide

8. Staying Engaged with Payroll Accounting Study Guide

- Joining Online Reading Communities
- Participating in Virtual Book Clubs
- Following Authors and Publishers Payroll Accounting Study Guide

9. Balancing eBooks and Physical Books Payroll Accounting Study Guide

- Benefits of a Digital Library
- Creating a Diverse Reading Collection Payroll Accounting Study Guide

10. Overcoming Reading Challenges

- Dealing with Digital Eye Strain
- Minimizing Distractions
- Managing Screen Time

11. Cultivating a Reading Routine Payroll Accounting Study Guide

- Setting Reading Goals Payroll Accounting Study Guide
- Carving Out Dedicated Reading Time

12. Sourcing Reliable Information of Payroll Accounting Study Guide

- Fact-Checking eBook Content of Payroll Accounting Study Guide

- Distinguishing Credible Sources

13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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web in case of copper bus bar the current carrying capacity is 1.2 max the bus bar 100mm x 25mm x 1.5mm is suitable for incomming current 100 25 1.5 1.2 4500a in case of aluminium bus bar the current carrying capacity is 0.8 max so the bus bar 100x25x1.5 is suitable for 100 25 1.5 0.8 3000a incomming current

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web desire maximum current rating of bus bar 630amp fault current  $i_{sc}$  50ka fault duration  $t$  1sec the operating temperature rises for the busbar is operating temperature of bus bar  $\theta$  85 c final temperature of bus bar during fault  $\theta$  1 185 c temperature rise of bus bar during fault  $\theta$   $t$   $\theta$  1  $\theta$  100 c ambient

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web knowing required ampacity determine possible bus bar dimensions from this table then check the ampacity table to verify that size selected has the necessary ampacity example assume that required ampacity is 185 amps at 30 c rise this table indicates that 1.16 x 1 in size would probably be adequate this is confirmed by the ampacity

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web cross sectional area and the length determine bus bar conductor size cross sectional area  $A$  is equal to conductor thickness  $t$  multiplied by conductor width  $w$  a value of approximately 400 circular mils per ampere is a traditional basis for

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web nov 24 2019 busbar can be very large or small busbar basically how big and how thick it depends on the current ampere of the busbar one thing to keep in mind busbar height and width are very important in calculations measurements in millimeters must be calculated in millimeters bus bar calculations

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web of any conductor must be assessed for better longevity of the busbar and flow continuity of current at nominal value corresponding guidelines must be done also the distance between the equipment are energized and distance between energized equipment and ground should be noted keywords select the busbar calculation bars executive points

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