UWUCC Ayer 4/12/05 Senate Info 4/26/05-74

Undergraduate Distance Education Review Form
(Required for all courses taught by distance education for more than one-third of teaching contact hours)

## **Existing and Special Topics Course**

Cours	e: <u>FIN 31</u>	10 Fundam	entals of Fi	inance	<del>-</del>			
Instru	ctor of Reco	ord: <u>Dr.</u>	Alan Eastmar	phone: (7	2 <u>4)357-57</u> 3 <b>8</b>	-mail: <sub>aeas</sub>	tman@iup.edu	
The co	One: Depart mmittee has ds to the CB	reviewed the	Curriculum ( proposal to of follows:	Committee fer the above c	ourse using dis	stance educat	tion technology, ar	ıd
1.	Will an ins education of teach the c	delivery me	o is qualified i thod as well a	in the distance is the disciplin	e	_X_Yes	No	
2.	Will the tec	chnology se ditional clas	rve as a suital sroom?	ble substitute		X Yes	No	
3.	Are there s between th	suitable opp le instructo	ortunities for r and student	· interaction ?		X Yes	No	
4.	a. Will the student	ere be suital achieveme	ole methods u nt?	sed to evaluat	e	Yes	No	
	b. Have re integrit	easonable e ty of evalua	fforts been m tion methods	ade to insure to (academic hor	he nesty)	Y Yes	No	
5.		ndation: itive (T		of the course of	- Alle	a distance ed	lucation.)	5
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Step 7	Positive rec			2	40			
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Forwa	rd this form to	the Provost	within 24 calend	ar days after rev	iew by committ	ee.		
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### Rationale for responses 1 – 4 on Undergraduate Distance Education Review Form

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- 1. Dr. Eastman has taught multiple sections of FIN 310 for the past 8 years. Dr. Eastman currently uses online materials to supplement his in-class sections of FIN 310, including Finance Works software from the publisher of the proposed textbook for the online course, and has attended WebCT instruction sessions at the Instructional Design Center.
- 2. Fundamentals of Finance is a course that requires a significant time commitment from the students, who must work a sufficient number of problems to develop their problem-solving and analytical skills within the framework of financial management theory. The technology of WebCT and Finance Works provides an almost limitless supply of questions and problems in a format that allows students to seek immediate help through solution hints, relevant examples, links to textbook pages, and the option to continue with similar questions until the student feels confident in his or her ability on that topic.
- 3. WebCT provides communications tools that include Discussion Pages, Mail, and Chat Rooms. Students may interact with each other and with the professor on a daily basis to discuss course material, to assist one another in the completion and understanding of assignments, and to discuss relevant current events.
- 4. Student performance will be evaluated based upon homework, quizzes, and exams, just as in a traditional classroom setting. Students must register with a unique user name and password, and their activity online may be monitored to determine how long each student participates in the completion of homework, quizzes, and exams. Exams are timed and given to all students at the same time to help prevent cheating.

#### To Whom It May Concern:

I've included the following items for your review of my proposal for teaching FIN 310, Fundamentals of Finance, as a distance education course.

- FIN 310 Syllabus of Record
- My Proposed FIN 310 Syllabus
- WebCT Homepage
- WebCT Chapter Modules Page (showing links to student resources available on the publisher's website and to Finance Works, the software used for completing homework, quizzes, and exams)
- Chapter 3 Module
  - o Course Objectives and Chapter Learning Goals
  - o Assignments
  - o Sample homework exercise using Finance Works (Note: a product demo is available at http://www.aw-bc.com/financeworks/features.html)
  - o Printout of all homework problems assigned for chapter 3
  - o Self-assessment quiz from the book's website
  - o Chapter 3 quiz available at Finance Works website
  - o Web Exercise

Assignments for other chapters will be similar to the above. Web exercises and E-theme articles will be used to foster class discussion on WebCT discussion boards. For example, the chapter 3 web exercise deals with the appropriateness of corporate taxation and students will be asked to comment on the elimination of corporate taxes altogether, or on proposals to tax only the largest corporations, after finding relevant information at the IRS website. Communication will also be possible in WebCT via email and chat rooms.

Thank you for your consideration of my proposal. Please let me know if you need any additional information.

Sincerely,

Dr. Alan Eastman

Department of Finance and Legal Studies

Mon D. Eastman

(724) 357-5738

aeastman@iup.edu

## SYLLABUS OF RECORD FI310 Fundamentals of Finance

#### I. Catalog Description

FI310 Fundamentals of Finance

3 credits
3 lecture hours
0 lab hours
3c-01-3sh

Prerequisites: AG202, MA214 for business majors; AG202, MA214 or MA217 for non-business majors (MA214 recommended)

Study of valuation models, financial statement analysis and forecasting, capital budgeting methods, and working capital management. Also includes an introduction to risk and return, capital markets and institutions, and security valuation.

#### II. COURSE OBJECTIVES

- 1. Student will be able to analyze and forecast financial statements, and understand their uses in making financial decisions.
- 2. Student will be able to apply valuation concepts to a wide range of assets, including securities, loans, and productive assets.
- 3. Student will be able to identify the characteristics of various securities and understand how their markets function.
- 4. Student will understand the roles of financial institutions, monetary policy, and interest rates in well-functioning markets.
- 5. Student will become familiar with the techniques of managing long-term and short-term assets and liabilities.
- 6. Students will be able to use data from on-line sites such as EDGAR, the SEC financial reporting database, and other sources of financial information to aid in financial decision-making.

#### III. COURSE OUTLINE

- A. Overview of Financial Management (5%)
  - Increasing Importance of Financial Management
  - Role of Financial Manager within the Firm
  - Goals of the Firm Stockholder versus Stakeholder and Ethical Considerations
- B. Financial Statements and Cash Flow (20%)
  - Review of Income Statement and Balance Sheet
  - Income versus Cash Flow
  - Statement of Cash Flow
  - Financial Statement Analysis
  - Forecasting of Financial Statements
- C. Financial Markets, Institutions and Interest Rates (10%)
  - Characteristics of Markets and Institutions
  - Determinants of Interest Rates
  - Term Structure of Interest Rates
  - Impact of Interest Rate Levels on Security Prices
- D. Time Value of Money and the Impact on Financial Decisions (15%)
  - Present Value Versus Future Value
    - Values of Annuities and Perpetuities
- E. Bond Valuation (5%)
  - Bond Characteristics
  - Valuation Models
  - Yield to Maturity and Yield to Call
  - Interest Rate Risk
- F. Stock Valuation (5%)
  - Types of Stocks and Their Characteristics
  - Valuation Models
- G. Overview of Risk and Return (5%)
  - Measurement of Risk and Return
  - Diversification
  - Capital Asset Pricing Model (CAPM) and Beta
- H. Cost of Capital (5%)
  - Cost of Debt
  - Cost of Preferred Stock
  - Cost of Retained Earnings
  - Weighted Average Cost of Capital
- I. Capital Budgeting (15%)
  - Net Present Value
  - Internal Rate of Return
  - Payback and Discounted Payback
  - Conflicts Between NPV and IRR
  - . Estimating Cash Flows
    - Expansion and Replacement Projects

- J. Managing and Financing Current Assets (15%)
  - Cash Management
  - Accounts Receivable and Inventory Management
  - Financing Working Capital Bank Loans and Accounts Payable

#### IV. EVALUATION METHODS

The course grade will be the weighted average of grades earned on the following assignments:

First Exam	20%
Second Exam	20
Third Exam	20
Comprehensive Final Exam	20
Project	10
Homework, Quizzes,	
and Class Exercises	10

100%

Grading Scale:	90 - 100	Α
and the state of t	80 - 89	<b>B</b>
	70 - 79	C
	60 - 69 -	D
	below 60	F

### V. REQUIRED TEXTBOOKS, SUPPLEMENTAL BOOKS AND READINGS

Brigham, Eugene F., and Joel F. Houston. <u>Fundamentals of Financial Management</u>, 8th ed. Dryden Press, 1998.

#### VI. BIBLIOGRAPHY

Brealey, Richard A., Stewart C. Myers, and Alan J. Marcus. Fundamentals of Corporate Finance, 2nd ed. Irwin McGraw-Hill, 1999.

Cooley, Philip L. and Jean L. Heck. "Establishing Benchmarks for Teaching the Undergraduate Introductory Course in Financial Management," <u>Journal of Financial Education</u> 22 (Fall 1996).

Gitman, Lawrence J. <u>Principles of Managerial Finance</u>, 8th ed. Addison- Wesley, 1997.

Smith, Stanley D. "Using EDGAR on the Internet to Teach Finance and Business Courses," <u>Journal of Financial Education</u> 22 (Fall 1996).

# INDIANA UNIVERSITY OF PENNSYLVANIA EBERLY COLLEGE OF BUSINESS AND INFORMATION TECHNOLOGY DEPARTMENT OF FINANCE AND LEGAL STUDIES

FIN 310:

Fundamentals of Finance

Professor:

Dr. Alan D. Eastman

Office:

322F Eberly College of Business and Information Technology

Phone: Email:

(724) 357-5738 aeastman@iup.edu

Office Hours:

Monday, Wednesday, and Friday 11:30 am - 12:30 pm

Monday, Wednesday 2:00 pm to 3:00 pm

Other Times By Appointment

Term:

Spring 2005

#### **CATALOG COURSE DESCRIPTION**

#### FIN 310 - Fundamentals of Finance

Credits: 3.00

The study of valuation models, financial statement analysis and forecasting, capital budgeting methods, and working capital management. Also includes an introduction to risk and return, capital markets and institutions, and security valuation.

#### **COURSE OBJECTIVES**

- 1. The student will be able to analyze and forecast financial statements, and understand their uses in making financial decisions.
- 2. The student will be able to apply valuation concepts to a wide range of assets, including securities, loans, and productive assets.
- 3. The student will be able to identify the characteristics of various securities and understand how their markets function.
- 4. The student will understand the roles of financial institutions, monetary policy, and interest rates in well-functioning markets.
- 5. The student will become familiar with the techniques of managing long-term and short-term assets and liabilities.
- 6. Students will be able to use data from on-line sites and other sources of financial information to aid in financial decision-making.

#### **COURSE OVERVIEW**

The COURSE OUTLINE/SYLLABUS contains information about the course, including required text, assignments, exam schedule, etc. Assignments are listed here and should be cross-referenced with the CALENDAR for assignment deadlines. The COURSE CALENDAR and the COURSE OUTLINE can be printed for easy referral throughout the semester. Since this is a distance-learning course, each student is responsible for completing the assignments as indicated in the schedule. Therefore, be sure to consult the COURSE CALENDAR AND OUTLINE on a regular basis. Please use WebCT for all correspondence.

PREREQUISITES: AG202, MA214 for business majors; AG202, MA214 or MA217 for non-business majors (MA214 recommended)

There will be absolute enforcement of every prerequisite requirement for the coursework offered by the Eberly College of Business and Information Technology. This means that students cannot postpone prerequisites and take them after the course in question.

The Dean's office is responsible for monitoring course prerequisites. Students who manage to register for coursework in spite of the fact that they do not have the appropriate prerequisite will be subject to unilateral withdrawal after the course has commenced. At that time, no appeal will be accepted and adding a different class after the official registration period will not be approved.

**REQUIRED TEXT**: Gitman, Lawrence. Principles of Managerial Finance, 11<sup>th</sup> Edition, Addison Wesley, 2006.

**RECOMMENDED READING**: The Wall Street Journal and other Finance Periodicals such as Business Week.

**GRADING**: The final course grade will be determined by three semester exams weighted at 45% (Exam One at 10%, Exam Two at 20%, and Exam Three at 15%), quizzes weighted at 15%, homework and webbased exercises weighted at 15%, and a comprehensive final exam weighted at 25%. An average of 90% or above will earn an A, an average of 80% to 89% will earn a B, an average of 70% to 79% will earn a C, an average of 60% to 69% will earn a D, and an average below 60% will earn an F.

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EXAMS: All exams will be taken online and will consist of multiple choice questions and problems. Short essay questions may be included depending on the nature of the material. Students may use their book and notes for exams. However, exams will be timed, so advance preparation is critical for success.

Make-up exams will not be given. If an exam is missed due to an excused absence, such as a documented illness or emergency, the weight of the missed exam will be added to the weight of the final exam. Except in cases of dire emergency, no consideration will be given to any student who misses an examination without first receiving the permission of the instructor.

QUIZZES: Quizzes will be taken online. All quizzes will consist of multiple choice questions and problems. Students may use their book and notes for quizzes. However, quizzes will be timed, so advance preparation is critical for success. Each quiz may be taken up to three times, with the highest score being recorded as the grade. Quizzes will be assigned for each chapter. Once the window for taking a quiz is closed, the quiz will be available for review. Students will be able to see the correct answers as well as the answers they selected. Quizzes will be administered through Finance Works, the publisher's online testing, homework, and tutorial system. There will be no make-ups. Instead, the lowest two scores will be dropped.

HOMEWORK: Homework will be solved and submitted online. Students are encouraged to assist one another and to correspond with Dr. Eastman on a regular basis when working the homework problems. Homework assignments will assist in preparation for the quizzes and exams, so it is very important for students to complete these assignments and to ask questions if they are having difficulty. Finance Works provides many opportunities to work additional problems, and will actually generate additional problems in areas the student may be struggling.

ARTICLE REVIEWS: In order to encourage outside reading, extra credit points may be obtained during the semester by submitting article reviews relating to course topics. Only one article review will be accepted per week. Article reviews must be submitted online by Sunday night at midnight for the previous week. Each article must be current. If the article is from a magazine or journal, it must be from the most recent issue. If the article is from a newspaper, such as the Wall Street Journal, it must be from the current or previous week. If the article is obtained online, it must relate to an event occurring during the current or the previous week. A proper citation for the article must be submitted, along with a brief summary. The summary should describe the article and also relate the topic or issue to one covered in the course. Be as specific as possible in linking the article to class material. Each review will be assigned a score of zero, one, or two extra credit points. A maximum of 10 extra credit points may be earned during the semester. These points will be added onto the final exam score. Grammar and spelling will be considered when assigning a score. One point will be deducted for each error after the first error. In other words, a review with no errors or with one error can receive a maximum score of two points; a review with two errors can receive a maximum score of one point; and all other reviews will receive zero points.

**PARTICIPATION:** No formal classroom meetings are scheduled or required. Students are encouraged to correspond with one another and with Dr. Eastman via WebCT Communications Tools, which consist of Discussion Pages, Chat Rooms, and Mail. Students who participate in online correspondence will learn more, enjoy the class more, and perform better on quizzes and examinations than students who "go it alone."

ASSIGNMENTS: Assignments are noted for each section of the course leading up to an exam. Students need to work regularly to complete assignments in a timely manner. Quizzes and exams must be completed online during defined windows of opportunity. Please make sure that you are available during the scheduled times.

#### **Online Exam Schedule:**

- Exam One, chapters 1, 2, and 3 on 7/15/05, 7 pm to 9 pm
- Exam Two, chapters 4, 5, 6, and 7 on 7/26/05, 7 pm to 9 pm
- Exam Three, chapters 8, 9, and 11 on 8/3/05, 7 pm to 9 pm
- Final Exam, chapters 1 9, 11, 14 and 15 on 8/11/05, 7 pm to 9 pm

#### Reminders:

- Please review carefully the course outline/syllabus/schedule.
- Additional readings, problems, and cases may be assigned.
- Quizzes may be taken up to three times, with the highest score recorded for grading purposes.
   Practice or lecture quizzes are not included in the grading process.
- All exams are open book and open notes.
- Solutions to problems for submission are due no later than midnight of the date of the assignment.
- If you have any questions, please email Dr. Eastman through WebCT.

#### Schedule:

#### <u>July 11</u>

- Review course outline
- Review text
- Review WebCT
- E-mail student biography (one paragraph) to Dr. Eastman along with any concerns/questions about the course
- Reading assignment Chapter 1
- Homework Chapter 1: all problems on Finance Works (4 total)
- Quiz Chapter 1 (to be completed by midnight 7/12/05)

#### July 12

- Reading assignment Chapter 2
- Homework Chapter 2: all assigned problems on Finance Works (10 total)
- Quiz Chapter 2 (to be completed by midnight 7/13/05)

#### **July 13**

- Reading assignment Chapter 3
- Homework Chapter 3: all assigned problems on Finance Works (6 total)
- Quiz Chapter 3 (to be completed by midnight 7/14/05)
- Last day of drop/add period

#### **July 14**

- Homework Chapter 3: all assigned problems on Finance Works (3 total)
- Review for exam, practice test available
- Reminder, complete chapter 3 quiz by midnight

#### **July 15**

Exam One (online) covering chapters 1 – 3, 7:00 pm to 9:00 pm.

#### July 18

- Reading assignment Chapter 4
- Homework Chapter 4: all assigned problems on Finance Works (15 total)

#### July 19

- Reading assignment Chapter 4
- Homework Chapter 4: all assigned problems on Finance Works (8 total)
- Homework Chapter 4: spreadsheet exercise due on 8/10/05
- Quiz Chapter 4 (to be completed by midnight 7/19/05)

#### July 20

- Reading assignment Chapter 5
- Homework Chapter 5: all assigned problems on Finance Works (8 total)
- Homework Chapter 5: spreadsheet exercise due on 8/10/05
- Quiz Chapter 5 (to be completed by midnight 7/21/05)

#### July 21

- Reading assignment Chapter 6
- Homework Chapter 6: all assigned problems on Finance Works (8 total)
- Homework Chapter 6: spreadsheet exercise due on 8/10/05
- Quiz Chapter 6 (to be completed by midnight 7/22/05)

#### July 22

- Reading assignment Chapter 7
- Homework Chapter 7: all assigned problems on Finance Works (8 total)
- Homework Chapter 7: spreadsheet exercise due on 8/10/05
- Quiz Chapter 7 (to be completed by midnight 7/25/05)

#### July 25

• Homework – Chapters 4 – 7 review: all assigned problems on Finance Works (10 total)

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- Review for exam two, practice test available
- Reminder, complete chapter 7 quiz by midnight

#### July 26

• Exam Two (online) covering chapters 4 -- 7, 7:00 pm to 9:00 pm

#### July 27

- Reading assignment Chapter 8
- Homework Chapter 8: all assigned problems on Finance Works (7 total)
- Homework Chapter 8: spreadsheet exercise due on 8/10/05
- Quiz Chapter 8 (to be completed by midnight 7/28/05)

#### July 28

- Reading assignment Chapter 8 (continued)
- Homework Chapter 8: all assigned problems on Finance Works (7 total)
- Reminder: complete chapter 8 quiz by midnight

#### July 29

- Reading assignment Chapter 9
- Homework Chapter 9: all assigned problems on Finance Works (8 total)
- Homework Chapter 9: spreadsheet exercise due on 8/10/05
- Quiz Chapter 9 (to be completed by midnight 8/01/05)

#### August 1

- Reading assignment Chapter 11
- Homework Chapter 11: all assigned problems on Finance Works (8 total)
- Quiz Chapter 11 (to be completed by midnight 8/2/05)

#### August 2

- Homework Chapters 8, 9 and 11 review: all assigned problems on Finance Works (5 total)
- Review for exam two, practice test available
- Reminder, complete chapter 11 quiz by midnight

#### August 3

Exam Three (online) covering chapters 8, 9, and 11, 7:00 pm to 9:00 pm

#### August 4

- Reading assignment Chapter 14
- Homework Chapter 14: all assigned problems on Finance Works (5 total)
- Quiz Chapter 14 (to be completed by midnight 8/5/05)

#### August 5

- Reading assignment Chapter 15
- Homework Chapter 15: all assigned problems on Finance Works (5 total)
- Quiz Chapter 15 (to be completed by midnight 8/8/05)

#### August 8 - 10

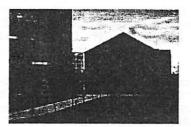
- Reminder, chapter 15 quiz to be completed by midnight on August 8<sup>th</sup>
- Complete 4 Web Exercises, choosing from chapters 2, 3, 4, 5, 7, 8, 11, 14 (to be completed by midnight 8/10/05)
- Reminder, spreadsheet exercises are due by midnight on 8/10/05
- Review for final exam
- Practice tests available

#### August 11

• Comprehensive Final Exam (online) covering chapters 1-9, 11, 13, and 14, 7:00 pm to 9:00 pm

## Welcome to FIN 310: Fundamentals of Finance

An Online Distance Education Course Offerred By The...



Eberly College of Business and Information Technology
Indiana University of Pennsylvania
And Taught By...



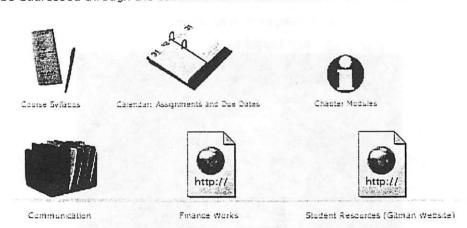
Dr. Alan D. Eastman
322F Eberly College of Business and Information Technology
(724) 357-5738
aeastman@iup.edu

#### Course Overview

The COURSE SYLLABUS contains information about the course, including required text, assignments, exam schedule, etc. Assignments are listed here and should be cross-referenced with the CALENDAR for assignment deadlines. The COURSE CALENDAR and the COURSE SYLLABUS can be printed for easy referral throughout the semester. Since this is a distance-learning course, each student is responsible for completing the assignments as indicated in the schedule. Therefore, be sure to consult the COURSE CALENDAR AND SYLLABUS on a regular basis. Please use WebCT for all correspondence.

#### Let's Get Started!

Click on the links below to review the course syllabus, the course calendar, and the chapter modules. These items and other course materials can be accessed via the Course Menu and the Course Map. You may also go directly to the Gitman website or to Finance Works to complete your assignments. As always, any questions for Dr. Eastman or other students can be addressed through the communications link below.



## Chapter Resources

Resources for each chapter include the following: (1) E-book, the complete text in Adobe Acrobat format, complete with live Web Exercise links and links to additional online resources; (2) E-Themes of the Times: a collection of New York Times articles keyed to the chapter, along with review questions; (3) Extra online readings not included in the textbook (not available for all chapters); (4) An online Web Case; (5) The Web Exercise from the textbook; (6) A Self-Study Quiz; and (7) A link to the Case Studies in Finance that are tied to that chapter. Please click on the Student Resources link at the bottom of the page to access the publisher's website for these resources. You may also access Finance Works by clicking the Finance Works link at the bottom of the page. Homework, quizzes and exams are completed at the Finance Works website. Chapter learning goals and specific assignments may be found by clicking on the chapter links below.

Chapter 1: The Role and Environment of Managerial Finance

Chapter 2: Financial Statements and Analysis

Chapter 3: Cash Flow and Financial Planning

Chapter 4: Time Value of Money

Chapter 5: Risk and Return

Chapter 6: Interest Rates and Bond Valuation

Chapter 7: Stock Valuation

Chapter 8: Capital Budgeting Cash Flows

Chapter 9: Capital Budgeting Techniques: Certainty and Risk

Chapter 11: The Cost of Capital

Chapter 14: Working Capital and Current Assets Management

Chapter 15: Current Liabilities Management



#### Student Resources (Gitman Website)



Finance Works

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### **Chapter 3: Cash Flow and Financial Planning**

#### **Course Objectives:**

1. The student will be able to analyze and forecast financial statements, and understand their uses in making financial decisions.

#### **Chapter Learning Goals:**

- LG1. Understand tax depreciation procedures and the effect of depreciation on the firm's cash flows.
- LG2. Discuss the firm's statement of cash flows, operating cash flows, and free cash flow.
- LG3. Understand the financial planning process, including long-term (strategic) financial plans and short-term (operating) financial plans.
- LG4. Discuss the cash-planning process and the preparation, evaluation, and use of the cash budget.
- LG5. Explain the simplified procedures used to prepare and evaluate the pro forma income statement and the pro forma balance sheet.
- LG6. Evaluate the simplified approaches to pro forma financial statement preparation and the common uses of pro forma statements.

## **Chapter 3: Cash Flow and Financial Planning**

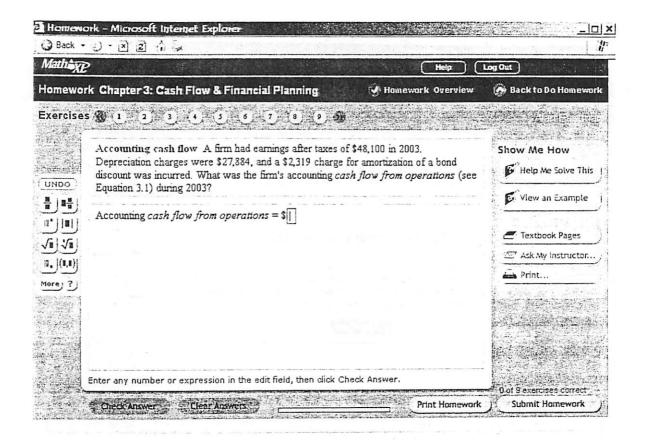
#### **Assignments:**

Read Chapter 3

Complete the homework problems (9 exercises) for chapter 3 at Finance Works.

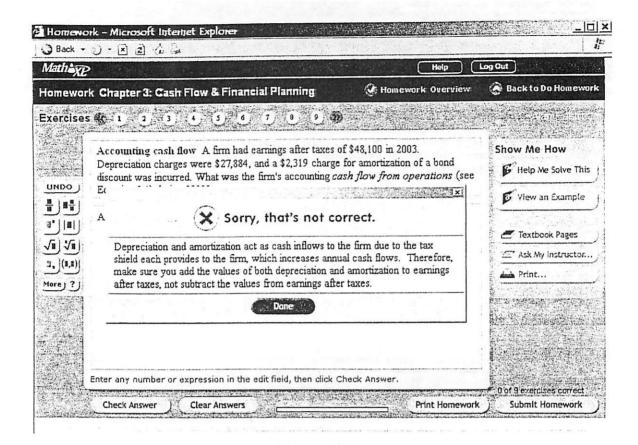
Complete the quiz for chapter 3 at Finance Works. You may want to take the self-assessment quiz first to prepare yourself for the graded quiz.

Complete the web exercise for chapter 3. Provide your opinion and discuss the issue of corporate taxation on the WebCT discussion board for chapter 3.

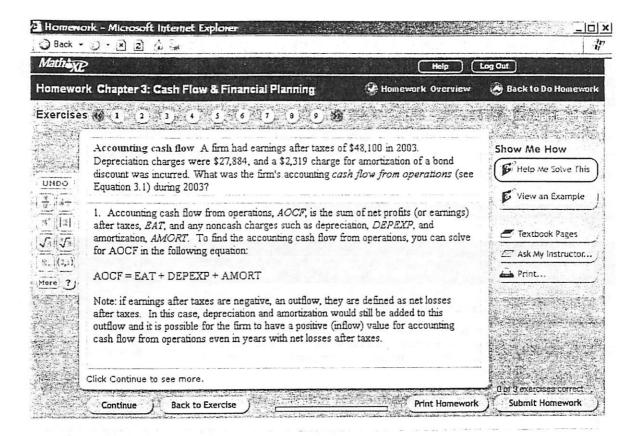


Assigned homework is accessed through Finance Works. Above is the first exercise from chapter 3. The student completes the exercise by entering his or her answer in the box provided. Students may get help with the question by clicking on the links at the right side of the screen: Help Me Solve This, View an Example, Textbook Pages, or Ask My Instructor.

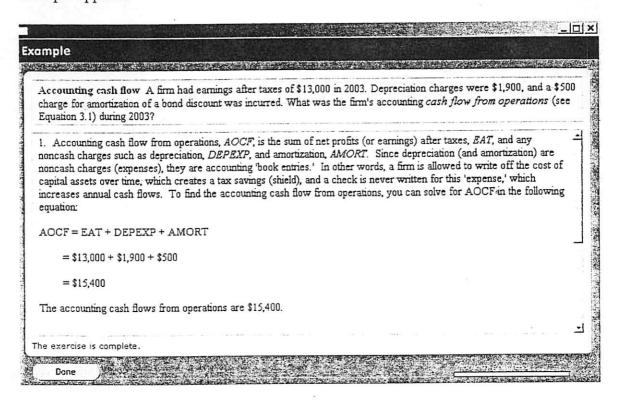
If the student enters an incorrect answer, the following is displayed:



For assistance, suppose the student clicks on Help Me Solve This. A screen displays the appropriate equation(s) with a brief explanation.

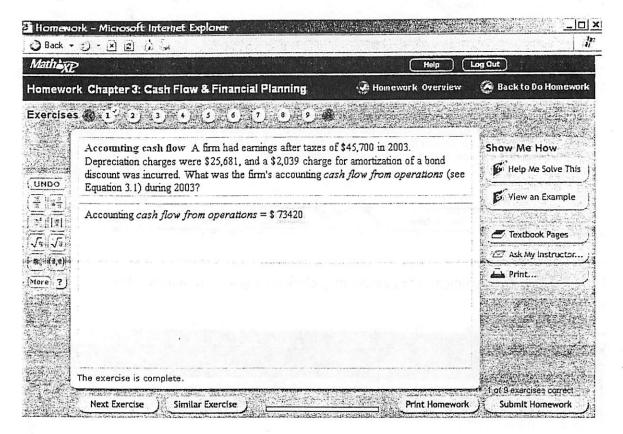


If this help is not sufficient, the student may click on View an Example. The following example appears:



The student may continue by clicking on the Textbook Pages, which will display the section of the chapter where accounting cash flows are discussed, or may email the instructor a question.

Suppose, however, that the student enters the correct answer. The exercise is done and the student has the option to go onto the next exercise, or to select a similar exercise for more practice on this topic.



The online homework problems are taken from the chapter problems in the textbook. The homework problems for chapter 3 online are difficult to print since they are done in stages. Therefore, I have copied the homework problems from the back of the chapter that will be assigned online.

Accounting cash flow A firm had earnings after taxes of \$50,000 in 2003. Depreciation charges were \$28,000, and a \$2,000 charge for amortization of a bond discount was incurred. What was the firm's accounting cash flow from operations (see Equation 3.1) during 2003?

Depreciation and accounting cash flow. A firm in the third year of depreciating its only asset, which originally cost \$180,000 and has a 5-year MACRS recovery period, has gathered the following data relative to the current year's operations.

Accruals	\$ 15,000
Current assets	120,000
Interest expense	15,000
Sales revenue	400,000
Inventory Total costs before depreciation, interest, and taxes	70,000 290,000
Tax rate on ordinary income	40%

- a. Use the relevant data to determine the accounting eash flow from operations (see Equation 3.1) for the current year.
- Explain the impact that depreciation, as well as any other noncash charges, has on a firm's cash flows.
- 3-6 Finding operating and free cash flows. Consider the balance sheets and selected data from the income statement of Keith Corporation that follow.
  - a. Calculate the firm's accounting cash flow from operations for the year ended December 31, 2003, using Equation 3.1.
  - b. Calculate the firm's operating cash flow (OCF) for the year ended December 31, 2003, using Equation 3.2.
  - c. Calculate the firm's free cash flow (FCF) for the year ended December 31, 2003, using Equation 3.3.
  - d. Interpret, compare, and contrast your cash flow estimates in parts a, b, and c.

Balance S	heets December 3	1.
Assets	2003	2002
Cash	\$ 1,500 \$	1,00
Marketable securities	1,800	1,20
Accounts receivable		1,80
Inventories	2,900	2,80
Total current assets	\$ 8,200	6,80
Gross fixed assets	\$29,500 \$2	8,10
Less Accumulated depreciation	14,700 1	3,10
Net fixed assets	\$14,800 \$1	5,00
Total assets	\$23,000 \$2	1,80
LEFT CHIEN IN SMITH		line.
Liabilities and Stockholders Equity		
Accounts payable	\$ 1,600 \$	1.50
Notes payable	2,800	2.20
Accruala	200	30
Total current liabilities		4,00
Long-term debt	\$ 5,000	5,00
Common stock	\$10,000 \$1	0,00
Retained earnings	3,400	2,80
Total stockholders' equity	\$13,400	2,80
Total liabilities and stockholders eq	nity \$23,000 52	1,80

The Handlers and Monthly edited
그는 그런 하면도 맛있다면요. 바다가 없었다는 그 사람들은 전에 가는 그 그는 그를 보고 있다면 하다는 그는 그를 보고 있다.
The state of the s
Income Statement Dam (2003)
The state of the s
Depreciation expense \$11,600
Earnings before interest and taxes (EBIT) 2,700
Taxes 933
Net profits after taxes 1,400
이 집안이 얼굴하다니다. 나라면 다 전 가게 하면 하는 경험에 이렇게 되었다. 그 때 경험에 가는 그 때 경험에 다 되었다.
。 1965年1977年中央共享的支持的企业,1965年中,1976年的共和国的企业的企业,1965年的共和国企业的企业的企业。

3-8 Cash disbursements schedule Maris Brothers, Inc., needs a cash disbursement schedule for the months of April, May, and June. Use the format of Table 3.9 and the following information in its preparation.

Sales: February = \$500,000; March = \$500,000; April = \$560,000; May = \$610,000; June = \$650,000; July = \$650,000

Purchases: Purchases are calculated as 60% of the next month's sales, 10% of purchases are made in cash, 50% of purchases are paid for 1 month after purchase, and the remaining 40% of purchases are paid for 2 months after purchase.

Rent: The firm pays rent of \$8,000 per month.

Wages and salaries: Base wage and salary costs are fixed at \$6,000 per month plus a variable cost of 7% of the current month's sales.

Taxes: A rax payment of \$54,500 is due in June.

Fixed asset outlays: New equipment costing \$75,000 will be bought and paid for in April.

Interest payments: An interest payment of \$30,000 is due in June.

Cash dividends: Dividends of \$12,500 will be paid in April.

Principal repayments and retirements: No principal repayments or retirements are due during these months.

3-10 Cash budget—Advanced The actual sales and purchases for Xenocore, Inc., for September and October 2003, along with its forecast sales and purchases for the period November 2003 through April 2004, follow.

Year	Month	Sales	Purchases
2003	September	\$210,000	\$120,000
2003	October	250,000	150,000
2003	November	170,000	140,000
2003	December	160,000	100,000
2004	January	140,000	80,000
2004	February	180,000	110,000
2004	March	200,000	100,000
2004	April	250,000	90,000

The firm makes 20% of all sales for cash and collects on 40% of its sales in each of the 2 months following the sale. Other cash inflows are expected to be \$12,000 in September and April, \$15,000 in January and March, and \$27,000 in February. The firm pays cash for 10% of its purchases. It pays for 50% of its purchases in the following month and for 40% of its purchases 2 months later.

Wages and salaries amount to 20% of the preceding month's sales. Rent of \$20,000 per month must be paid. Interest payments of \$10,000 are due in January and April. A principal payment of \$30,000 is also due in April. The firm expects to pay cash dividends of \$20,000 in January and April. Taxes of \$80,000 are due in April. The firm also intends to make a \$25,000 cash purchase of fixed assets in December.

- a. Assuming that the firm has a cash balance of \$22,000 at the beginning of November, determine the end-of-month cash balances for each month, November through April.
- b. Assuming that the firm wishes to maintain a \$15,000 minimum cash balance, determine the required total financing or excess cash balance for each month, November through April.
- c. If the firm were requesting a line of credit to cover needed financing for the period November to April, how large would this line have to be? Explain your answer.

3-12 Cash budger—Sensitivity analysis Trotter Enterprises, Inc., has gathered the following data in order to plan for its cash requirements and short-term investment opportunities for October, November, and December. All amounts are shown in thousands of dollars.

October		November	December
Pessi- Most mistic likely	Opti-Pessi-	Most Opti- likely mistic	Pessi- Most Opti- mistic likely mistic
Toral cash	The second secon	A Company of the Comp	and the state of t
receipts \$260 \$342	\$462 \$200	\$287 \$366	<b>\$191 \$294 \$3</b> 53
Total cash disbursements 285 326	421 203	261 313	287 332 315

- a. Prepare a sensitivity analysis of Trotter's cash budget using -\$20,000 as the beginning cash balance for October and a minimum required cash balance of \$18,000.
- b. Use the analysis prepared in part a to predict Trotter's financing needs and investment opportunities over the months of October, November, and December. Discuss how knowledge of the timing and amounts involved can aid the planning process.
- 3-14 Pro forma income statement The marketing department of Metroline Manufacturing estimates that its sales in 2004 will be \$1.5 million. Interest expense is expected to remain unchanged at \$35,000, and the firm plans to pay \$70,000 in cash dividends during 2004. Metroline Manufacturing's income statement for the year ended December 31, 2003, is given below, along with a breakdown of the firm's cost of goods sold and operating expenses into their fixed and variable components.

Met	roline Manufacturing	
14 d 324	Income Statement or Ended December 31.	

Sales revenue	\$1,400,000
Less: Cost of goods sold	910,000
Gross profits	\$ 490,000
Less Operating expenses	120,000
Operating profits	\$ 370,000
Less Interest expense	35,000
Net profits before taxes	\$ 335,000
Less Taxes (rate = 40%)	134,000
Net profits after taxes	\$ 201,000
Less: Cash dividends	66,000
To retained earnings	\$ 135,000

Metroline Manufacturing
Breakdown of
Costs and Expenses
into Fixed and Variable
Components for the
Year Ended December 31, 2003

Cost of goods sold	
Fixed cost	\$210,000
Variable cost	700,000
Total cost	<u>5910.000</u>
Operating expenses	
Fixed expenses	\$ 36,000
Variable expenses	84,000
Total expenses	\$120,000

- a. Use the percent-of-sales method to prepare a pro forma income statement for the year ended December 31, 2004.
- b. Use fixed and variable cost data to develop a pro forma income statement for the year ended December 31, 2004.
- c. Compare and contrast the statements developed in parts a and b. Which statement probably provides the better estimate of 2004 income? Explain why.
- 3-16 Pro forma balance sheet—Basic Leonard Industries wishes to prepare a proforma balance sheet for December 31, 2004. The firm expects 2004 sales to total \$3,000,000. The following information has been gathered.
  - (1) A minimum cash balance of \$50,000 is desired.
  - (2) Marketable securities are expected to remain unchanged.
  - (3) Accounts receivable represent 10% of sales.
  - (4) Inventories represent 12% of sales.
  - (5) A new machine costing \$90,000 will be acquired during 2004. Total depreciation for the year will be \$32,000.
  - (6) Accounts payable represent 14% of sales.
  - (7) Accruals, other current liabilities, long-term debt, and common stock are expected to remain unchanged.
  - (8) The firm's net profit margin is 4%, and it expects to pay out \$70,000 in cash dividends during 2004.
  - (9) The December 31, 2003, balance sheet follows.

## Leonard Industries Balance Sheet December 31, 2003

Assets				Liabilities and Stockholders' Equity
Cash	\$	45,000		Accounts payable \$ 395,000
Marketable securities		15,000		Accruals 60,000
Accounts receivable		255,000		Other current liabilities 30,000
Inventories	s	340,000	-	Total current liabilities \$ 485,000
Total current assets	\$	655,000		Long-term debt \$ 350,000
Net fixed assets	5	600,000		Common stock 5 200,000
Total assets	\$1	,255,000		Retained earnings <u>\$ 220,000</u>
				Total liabilities and stockholders' equity \$1,255,000

- a. Use the judgmental approach to prepare a pro forma balance sheet dated December 31, 2004, for Leonard Industries.
  - b. How much, if any, additional financing will Leonard Industries require in 2004? Discuss.
- c. Could Leonard Industries adjust its planned 2004 dividend to avoid the situation described in part b? Explain how.
- 3-18 Integrative—Pro forma statements Red Queen Restaurants wishes to prepare financial plans. Use the financial statements and the other information provided in what follows to prepare the financial plans.

Red Queen Restouran	
Insome Statement for b Year Ended December 31,	2003
Sales revenue	\$800,000
Less: Cost of goods sold	600,000
Gross profits	\$200,000
Less: Operating expenses	100,000
Net profits before taxes	\$100,000
Less: Taxes (rate = 40%)	40,000
Net profits after taxes	\$ 60,000
Less: Cash dividends	20,000
To retained earnings	\$ 40,000

## Red Queen Restaurants Balance Sheet December 31, 2003

Assets		Liabilities and Stockholders' Ec	lmich
Cash	\$ 32,000	Accounts payable	\$100,000
Marketable securities	18,000	Taxes payable	20,000
Accounts receivable	150,000	Other current liabilities	5,000
Inventories	100,000	Total current liabilities	\$125,000
Total current assets	\$300,000	Long-term debt	\$200,000
Net fixed assets	\$350,000	Common stock	\$150,000
Total assets	\$650,000	Retained earnings	\$175,000
		Total liabilities and stockholders' equity	\$650,000

The following financial data are also available:

- (1) The firm has estimated that its sales for 2004 will be \$900,000.
- (2) The firm expects to pay \$35,000 in cash dividends in 2004.
- (3) The firm wishes to maintain a minimum cash balance of \$30,000.
- (4) Accounts receivable represent approximately 18% of annual sales.
- (5) The firm's ending inventory will change directly with changes in sales in
- (6) A new machine costing \$42,000 will be purchased in 2004. Total depreciation for 2004 will be \$17,000
- (7) Accounts payable will change directly in response to changes in sales in 2004.
- (8) Taxes payable will equal one-fourth of the tax liability on the pro formatincome statement.
- (9) Marketable securities, other current liabilities, long-term debt, and common stock will remain unchanged.
- a. Prepare a pro forma income statement for the year ended December 31, 2004, using the percent-of-sales method.
- b. Prepare a pro forma balance sheet dated December 31, 2004, using the judgmental approach.

# Chapter 3 Self-Assessment Quiz

1.75	Control Carlotte			
1.	tax purposes			
	∵ mod	ified accelerated cost re-	covery system (MACR	.5).
	ੁ tax-i	ncentive rapid depreciat	on directions. (TIRDD	).
	← finar	ncial accountings standa	rds (FAS).	
	c gene	erally-accepted accounti	ng procedures (GAAP)	).
2 .		ws would include each c ance of debt.	of the following, except	
	c cash	dividends.		
	purc	hase of a new truck.	14.00 m	
	c stock	k repurchase.		
3 .		following is an example end payment	of a noncash charge?	
	c taxe	S		
	c inter	est payment		
		eciation		
		The ATLES CO. LONG.		
4 .		n below. In its 2003 fis profit after taxes, \$40 hareholders. lance Sheets (\$000)		
			2004	2003
	Current Assets			
	Cash		\$300	\$425

Inventory	\$475	\$850	
Total Current Assets		\$1,325	\$1,900
Gross Fixed Assets			
Machinery	\$12,000	\$10,500	
Less: Depreciation	\$ 5,275	\$ 4.800	
Net Fixed Assets		<u>\$6,725</u>	\$5,700
Total Assets		\$8,050	7,600
Current Liabilities			
Accounts Payable	\$475	\$400	
Accruals	\$200	<u>\$150</u>	
Total Current Assets		\$675	\$550
Long-Term Debt		\$1,600	\$1,800
Stockholder's Equity		\$5,775	\$5,250
Total Liabilities and Stockholders' Equit	y	\$8,050	\$7,600

## 4. What was Newport Printing's cash flow from operations?

\$1,300,000

c \$1,550,000

c \$600,000

\$975,000

5. What is the cash flow from investing activities?

-\$450,000

\$1,500,000

\$12,000,000

-\$1,500,000

6. What is the cash flow from financing activities?

\$325,000

*-*\$175,000

\$225,000

c - \$75,000

STATE OF THE PARTY	CONTRACTOR OF THE PARTY OF THE	NAMES OF STREET OF STREET	
7.	The fin	ancial planning process starts with operating financial plans.	
	C	short-term financial plans.	
	· C	strategic financial plans.	
	C	the cash budget.	
8.	the firm	forecasts are based on the relation's sales and key economic indicators.  "Rain or Shine"	onships observed between
	C	Internal sales	
	<u></u>	Consensus	
	<u> </u>	External sales	
10.5%			
9.	Newpo	rt Printing has a minimum cash balance e at the beginning of October of \$300,0	e of \$250,000 and a cash
	forecas	st to be \$165,000 and disbursements ar how much additional financing is antici \$75,000	re \$290,000 during the
	forecas month,	st to be \$165,000 and disbursements ar how much additional financing is antici	re \$290,000 during the
	forecas month,	st to be \$165,000 and disbursements ar how much additional financing is antici \$75,000	re \$290,000 during the
	forecas month,	st to be \$165,000 and disbursements ar how much additional financing is antici \$75,000 \$125,000	re \$290,000 during the
	forecas month,	st to be \$165,000 and disbursements ar how much additional financing is antici \$75,000 \$125,000 \$40,000	re \$290,000 during the
10	forecas month,	st to be \$165,000 and disbursements are how much additional financing is antici \$75,000 \$125,000 \$40,000 no additional financing is neededstatements are projected income	re \$290,000 during the pated?
10	forecas month,	st to be \$165,000 and disbursements are how much additional financing is antici \$75,000 \$125,000 \$40,000 no additional financing is neededstatements are projected income	re \$290,000 during the pated?
10	forecas month,	st to be \$165,000 and disbursements are how much additional financing is antici \$75,000 \$125,000 \$40,000 no additional financing is neededstatements are projected income	re \$290,000 during the pated?
10	forecas month,	st to be \$165,000 and disbursements are how much additional financing is antici \$75,000 \$125,000 \$40,000 no additional financing is neededstatements are projected income	re \$290,000 during the pated?
10	forecas month,	st to be \$165,000 and disbursements are how much additional financing is antici \$75,000 \$125,000 \$40,000 no additional financing is neededstatements are projected income	re \$290,000 during the pated?

- 11 Which of the following is not included on a cash budget?
  - depreciation
  - dividends
  - c payments of accounts payable
  - interest payments

Answer choices in this exercise are randomized and will appear in a different order each time the page is loaded.

Quiz (	Chapter 3			
Name		<del></del>		
MUL	TIPLE CHOICE. Choose t	he one alternative that best	completes the statement or a	nswers the question.
	1) A corporation			
	A) must use the sam	e depreciation method for ta	x and financial reporting pur	poses.
	B) must use differen reporting purpos	t (from for tax purposes), bu	t strictly mandated, depreciat	ion methods for financial
	C) may use different	depreciation methods for ta	x and financial reporting pur	poses.
			ax and financial reporting pur	
	2) The depreciable life of	an asset is of concern to the	financial manager, and	
	<del>-</del>		it will result in a faster receip	ot of cash flows.
				ase new assets, as the old assets
	C) a longer deprecia	ble life is preferred, because	it will result in a faster receip	t of cash flows.
	D) a longer deprecia old assets still ha		management can postpone p	urchasing new assets, since the
	Under MACRS, an ass estimated salvage val- depreciation expense	ue of \$25,000, is being depre		recovery period. What is the
	A) \$15,000	B) \$12,750	C) \$22,000	D) \$11,250
	during the year at a to has yet to collect at ye	tal cost of \$7,000. Although ar end from the customer: T		·

C) \$3,000 and \$10,000 respectively.

D) \$3,000 and -\$7,000 respectively.

#### FIGURE 3.1

## RUFF SANDPAPER CO. Balance Sheets

### For the Years Ended 2002 and 2003

		2003		2002
Assets				
Cash		800		600
Marketable securities		200		200
Accounts receivable		1,200		1,000
Inventories		2,000		1,800
Gross fixed asset	3,000	•	2,800	
Less Accumulated Depreciation	1,000		800	
Net fixed assets		2,000		2,000
Total assets		6,200		5,600
Liabilities				
Accounts payable		200		100
Notes payable		800		900
Accruals		100		100
Long-term debt		2,000		1,500
Stockholders' equity				
Common stock at par		500		500
Paid-in capital in excess of par		2,000		2,000
Retained earnings		600		500
Total liabilities and equity	=	6,200	:	5,600

Net profits after taxes for 2003: \$150.00

5) The firm's cas	h flow from	n operations is (See Figure 3.1.)		
A) \$150	`	B) \$950	C) \$300	D) \$350
6) The depreciat	ion expense	for 2003 is	(See Figure 3.1.)	
A) \$200	_	B) \$50	C) \$1,000	D) \$0

- 7) For the year ended December 31, 2003, a corporation had cash flow from operating activities of \$12,000, cash flow from investment activities of -\$10,000, and cash flow from financing activities of \$4,000. The Statement of Cash Flows would show a
  - A) net decrease of \$6,000 in cash and marketable securities.
  - B) net increase of \$6,000 in cash and marketable securities.
  - C) net decrease of \$18,000 in cash and marketable securities.
  - D) net increase of \$2,000 in cash and marketable securities.

8)	Which of the followin	g would be the least likely to	o utilize pro forma financial s	tatements or a cash budget:
	A) lenders.		B) investors.	
	C) top management	•	D) middle manage	ment.
9)	A firm has projected s percent of sales in cas July	sales in May, June, and July on the balance or and collects the balance or	of \$100, \$200, and \$300, respense month following the sale.	ctively. The firm makes 20 The firm's total cash receipts in
	A) are \$180.			
	B) are \$220.			
	C) are \$200.			
	D) cannot be determ	nined with the information p	rovided.	
10)	\$4,000, respectively.	The firm makes 10 percent o	l projected sales in December f its sales in cash, collects 40 p onths following the sale. The	percent of its sales one month
	A) are \$2,100.			
	B) are \$1,900.			
	C) are \$700.			
	D) cannot be determ	ained with the information p	rovided.	
11)	depreciation expense			bursements of \$8,000, uning cash balance of \$500. The
	A) \$1,500	B) \$5,500	C) \$3,500	D) \$2,500
		FIC	GURE 3.5	
ncia	al manager at General	Talc Mines has gathered the	financial data essential to pro-	epare a pro forma balance sheet

A financial manager at General Talc Mines has gathered the financial data essential to prepare a pro forma balance sheet for cash and profit planning purposes for the coming year ended December 31, 2004. Using the percent-of-sales method and the following financial data, prepare the pro forma balance sheet in order to answer the following multiple choice questions.

- A. The firm estimates sales of \$1,000,000.
- B. The firm maintains a cash balance of \$25,000.
- C. Accounts receivable represents 15 percent of sales.
- D. Inventory represents 35 percent of sales.
- E. A new piece of mining equipment costing \$150,000 will be purchased in 2004. Total depreciation for 2004 will be \$75,000.
- F. Accounts payable represents 10 percent of sales.
- G. There will be no change in notes payable, accruals, and common stock.
- H. The firm plans to retire a long term note of \$100,000.
- I. Dividends of \$45,000 will be paid in 2004.
- J. The firm predicts a 4 percent net profit margin.

Balance Sheet General Talc Mines December 31, 2003

Cash \$ 25,000	
Accounts receivable 120,000	
Inventories 300,000	
Total current assets \$445,000	
Net fixed assets \$ 500,000	
Total assets \$ 945,000	
Liabilities and stockholders' equity	
Accounts payable \$ 80,000	
Notes payable 350,000	
Accruals 50,000	
Total current liabilities \$480,000	
Long-term debts 150,000	
Total liabilities \$ 630,000	
Stockholders' equity	
Common stock \$ 180,000	
Retained earnings 135,000	
Total Stockholders' equity \$ 315,000	
Total liabilities and stockholders' equity \$ 945,000	
12) The pro forma accumulated retained earnings amount is (See Figure 3.5.)	
A) \$175,000 B) \$140,000 C) \$130,000 D) \$90,000	
13) The external financing required in 2004 will be (See Figure 3.5.)	
A) \$240,000 B) \$0 C) \$230,000 D) \$195,000	
14) The external funds requirement results primarily from (See Figure 3.5.)	
A) low profit margin.	
•	
B) high cost of sales.	
C) the retirement of debt and purchase of new fixed assets.	
D) the payment of dividends.	
15) In a period of rising sales, utilizing past cost and expense ratios (percent-of-sales method) when preparing forma financial statements will tend to	pro
A) understate costs and overstate profits.  B) understate costs and understate profits.	
C) overstate costs and overstate profits.  D) overstate costs and understate profits.	

## Group Exercise

Depreciation is an intricate topic, complicated greatly by the tax law. This exercise is meant to extend the description in the text to the real world of compliance under IRS regulations. Financial planning analysis and statement preparation will follow, as you will be asked to continue analyzing your shadow firm's financial reports and prepare projected statements.

TO DO

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- a. Visit the IRS's Web site at www.irs.gov. Click on the link for information for businesses located on the left side of the IRS home page. Next, click on the link for information for corporations. At the bottom of the page, click on the link for forms and publications. The tenth link on this page is the topical index for forms and publications. Go to this link. Highlight "D" for depreciation. Now scroll down to Depreciating Property and highlight "Primary publication number 946." Using the explanations provided, give several examples of property that your fictitious firm is depreciating.
- b. Return to the 10-K filing for your shadow firm.
  (1) Using a time-series approach, describe changes in your shadow firm's statement of cash flows.
  - (2) As you did with the ratio analysis in Chapter 2, provide possible explanations for the changes you have noted.
  - (3) Extend this analysis to your own firm by using these possible explanations within the context of your fictitious firm.
- c. Begin the financial planning analysis of your shadow firm by viewing the strategy section of the annual report. Make a note of short- and long-term planning. Now apply these real details to your fictitious firm.
- d. Develop a cash budget for your fictitious firm for the following year. Pay close attention to inflow and outflow assumptions.
- e. Take the most recent corporate filings and develop pro forma statements for your shadow corporation. Keep it simple here. Likewise, keep evaluations of these pro forma statements simple.

## Web Exercise



Taxation is forever a part of our lives. This is true of individuals as well as of corporations. This exercise looks at some tax-related issues for corporations.

a. Visit the IRS's Web site at www.irs.gov/index.html. Go to Tax Stats. Here the IRS provides information in various forms regarding tax filing. View Tax Stats at a Glance. Look for information dealing with corporate income taxes. There has been serious debate in the past about eliminating the corporate income tax due to its high compliance costs relative to the amount of revenue raised by the tax. Concerns have also been raised regarding the double taxation of dividends. Because dividends are paid with after-tax dollars, eliminated to the state of the tax to the ta

- nating the corporate income tax would eliminate the double taxation. Citing data contained on this page, discuss the merits of reducing or eliminating corporate income taxation. Would you advocate raising the ceiling so that only the largest corporations, as measured by assets, are taxed?
- b. Use the link for Statistics by Topic to look up Corporate Tax Statistics. Find and describe the changes in relative importance of S-corporations as compared with total corporate filings. This information can be found under S-Corporations and then as a publication dated 2004, Selected Returns and Forms, Table #22. Within the same table, information is broken down across eight categories. Compare the relative numbers of returns filed.

Remember to check the book's Web site at <a href="https://www.aw-bc.com/gitman">www.aw-bc.com/gitman</a> for additional resources, including additional Web exercises.