



CHAPTER 1

The Dynamic Business Environment

BRIEF CHAPTER OUTLINE AND LEARNING GOALS

Profile: Getting to Know Ron Foxcroft of Fox 40 International Inc.

I. USING THIS COURSE TO PREPARE FOR YOUR CAREER

II. BUSINESS FUNDAMENTALS

➤ **Learning Objective 1**

Illustrate the importance of key business fundamentals to wealth generation.

- A. Revenues, Profits, and Losses
- B. Matching Risk with Profit
- C. Standard of Living and Quality of Life

➤ **Learning Objective 2**

Identify business stakeholders and their importance to non-profit organizations to business activities.

- A. Responding to Various Business Stakeholders
- B. Using Business Principles in Non-Profit Organizations

➤ **Learning Objective 3**

Explain how entrepreneurship is critical to the wealth of an economy, and list the five factors of production that contribute to wealth.

III. ENTREPRENEURSHIP VERSUS WORKING FOR OTHERS

A. The Importance of Entrepreneurs to the Creation of Wealth

➤ **Learning Objective 4**

State the six elements that make up the business environment and explain why the business environment is important to organizations.

IV. THE BUSINESS ENVIRONMENT

A. The Legal Environment

1. Laws Affect Business

B. The Economic Environment

C. The Technological Environment

1. How Technology Benefits Workers and You
2. The Growth of Electronic Commerce (E-Commerce)
3. Using Technology to Be Responsive to Customers
4. Social Media Marketing

D. The Competitive Environment

1. Components of Competition
2. Competing by Exceeding Customer Expectations
3. Competing by Restructuring and Empowerment

E. The Social Environment

1. The Aging Population
2. Workforce Trends
3. Managing Diversity

F. The Global Environment

1. How Global Changes Affect You
2. The Ecological Environment

➤ **Learning Objective 5**

Give examples of how the service sector has replaced manufacturing as the principal provider of jobs, but why manufacturing remains vital for Canada.

V. THE EVOLUTION OF CANADIAN BUSINESS

- A. Progress in the Agricultural and Manufacturing Industries
 - 1. Canada's Manufacturing Industry
- B. Progress in Service Industries
- C. Your Future in Business

Key Terms

baby boomers	generation y	quality of life
business	generation z	regulations
business environment	goods	revenue
climate change	greening	risk
crowdsourcing	identity theft	services
database	insourcing	stakeholders
demography	loss	standard of living
e-business	non-profit organization	sustainability
e-commerce	offshoring	technology
empowerment	outsourcing	
entrepreneur	productivity	
factors of production	profit	

Resource Checklist

- FIGURES FROM TEXT**
- Fig. 1.1** Earnings Comparison of Postsecondary and High School Graduates over 20 Years
 - Fig. 1.2** New Careers
 - Fig. 1.3** A Business and Its Stakeholders
 - Fig. 1.4** The Five Factors of Production
 - Fig. 1.5** Today's Dynamic Business Environment
 - Fig. 1.6** How Competition Has Changed Business
 - Fig. 1.7** Population Distribution by Age Group
 - Fig. 1.8** The Importance of the Services-Producing and Goods-Producing Sectors in Canada
 - Fig. 1.9** What Is The Service Sector?

EXERCISES AND BOXED FEATURES FROM TEXT

Spotlight on Small Business

- Social Entrepreneurship

Making Ethical Decisions

- How Ethical Are You?

Reaching Beyond Our Borders

- Connecting Companies with Global Freelancers

Adapting To Change

- Gourmet Airport Eateries Take Flight
- Seeking Sustainability Getting Involved Personally

End of Chapter Content

- Critical Thinking
- Developing Workplace Skills
- Analyzing Management Decisions: Canada's Fastest-Growing Companies
- Video Case 1: No Clowning Around – Cirque du Soleil

SUPPLEMENTARY EXERCISES IN THIS MANUAL**LECTURE LINKS**

Lecture Link 1-1 - Social Entrepreneurship: Village Phones and Yogurt

Lecture Link 1-2 - Improving World Health Without Profits

Lecture Link 1-3 - Education's New Whiteboard

Critical Thinking Exercise 1-1: Making Ethical Decisions

Critical Thinking Exercise 1-2: Job and Career Versus Owning A Business

Supplemental Case 1-1: The World's Largest Charity

Lecture Outline	
Outline	Supplements
<p>The PROFILE at the beginning of the chapter focuses on Canadian entrepreneur and inventor Ron Foxcroft, who is the founder and CEO of Fox 40 International Inc. Foxcroft calls for a customer focused winning strategy which is supported by an entrepreneurial vision, market focus, adaptability and persistence.</p>	
<p>I. USING THIS COURSE TO PREPARE FOR YOUR CAREER</p> <p>The value of a higher education can be quantified. Post-Secondary graduates make 60% more than do high-school graduates.</p> <p>Post-secondary graduates will likely hold seven or eight different jobs over their lifetime.</p> <p>The job market is fast-changing: many jobs didn't exist as recently as ten years ago.</p> <p>II. BUSINESS FUNDAMENTALS</p> <p>A business is any activity that seeks to provide goods and services to others while operating at a profit.</p> <p>Profit is the amount a business earns above and beyond what it spends for salaries and other expenses.</p> <p>An entrepreneur is a person who risks time and money to start and manage a business.</p> <p style="padding-left: 40px;">➤ Learning Objective 1 <i>Illustrate the importance of key business fundamentals to wealth generation..</i></p> <p>A. Matching Risk with Profit</p> <p>Profit is revenue minus expenses.</p> <p>Revenue is the total amount of money a business takes in during a given period by selling goods and services.</p>	<p>Fig. 1.1</p> <p>Fig 1.2</p>

<p>organizations.</p> <p>Outsourcing decisions affect the boundaries of the firm, what production takes place within the firm and what is purchased from outside the firm. Changes in offshoring may be, but are not necessarily, related to changes in outsourcing. They involved decisions both to purchase outside of the firm and to do so from abroad.</p> <p>Companies have gone from outsourcing production jobs to offshoring research and development and design functions.</p> <p>C. Using Business Principles in Non-Profit Organizations</p> <p>Non-profit organizations such as public schools, religious institutions, charities, and groups devoted to social causes make a major contribution to the welfare of society.</p> <p>A non-profit organization is an organization whose goals do not include making a personal profit for its owners or organizers.</p> <p>SOCIAL ENTREPRENEURS are people who use business principles to start and manage non-profit organizations and help countries with their social issues.</p> <p>You need the SAME SKILLS to work in non-profit organizations that you need in business, including information management, leadership, marketing, and financial management.</p> <p style="padding-left: 40px;">➤ Learning Objective 3 <i>Explain how entrepreneurship is critical to the wealth of an economy, and list the five factors of production that contribute to wealth.</i></p> <p>III. ENTREPRENEURSHIP VERSUS WORKING FOR OTHERS</p> <p>There are two ways to succeed in business. One is to RISE THROUGH THE RANKS of a large company such as Royal Bank of Canada or Manulife Financial. The more risky path is to START YOUR OWN BUSINESS.</p> <p>A. The Importance of Entrepreneurship to the Creation of</p>	<p>Critical Thinking 1-2</p> <p>Spotlight on Small Business</p>
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<p>Wealth</p> <p>The <u>factors of production</u> are the resources used to create wealth: land, labour, capital goods, entrepreneurship, and knowledge.</p> <p>Some experts believe that the most important factor of production is KNOWLEDGE. It is important to get as much education as possible to prepare for knowledge-oriented jobs.</p> <p>Information is not the same as knowledge.</p> <p>What makes rich countries richer is not land, labour, or capital; it is a combination of entrepreneurship, and the effective use of knowledge.</p> <p style="padding-left: 40px;">➤ Learning Objective 4 <i>Review the six elements that make up the business environment and explain why the business environment is important to organizations.</i></p>	Fig 1.4
<p>IV. THE BUSINESS ENVIRONMENT</p> <p>The <u>business environment</u> means the surrounding factors that either help or hinder the development of businesses. They are:</p> <ol style="list-style-type: none"> 1. the legal and regulatory environment; 2. the economic environment; 3. the technological environment; 4. the competitive environment; 5. the social environment; and 6. the global environment. <p>Businesses grow and prosper in a healthy environment. Creating the right business environment is the foundation for social progress of all kinds including goods schools, clean air and water, good health care, and low rates of crime.</p> <p>A. The Legal Environment</p> <p>People are willing to take the risk of starting businesses if they feel that the risk of losing their money is not too great. Governments can do a lot to lessen the risk of starting and running a business</p>	Fig 1.5

through the laws that are passed by its elected officials.

An important piece of legislation is the Competition Act.

Other examples of laws are the Canada Small Business Financing Act, the Consumer Packaging and Labelling Act, and the Trade Unions Act.

Regulations serve to carry out the purposes of or expand on the general laws passed by elected officials.

1. Laws Affect Business

Businesses need to be aware of the laws that will affect their business. Governments can **LESSEN THE RISK** of starting a business by passing laws that reduce taxes and enable business people to write contracts that are enforceable in court, and minimizing corruption in business and government.

B. The Economic Environment

The economic environment looks at income, expenditures, and resources that affect the cost of running a business. Businesses review **ECONOMIC INDICATORS** such as consumer spending, employment levels and productivity to give them a sense of what is happening in the marketplace and what actions they may need to take.

A country's currency relative to other currencies also pertains to this environment. Currency movements are especially critical for countries that generate a great deal of business activity from exports. Government can therefore establish a currency that is tradable in world markets.

Governments can promote the economic environment by allowing private ownership of businesses and by having a currency that is tradable in world markets.

C. The Technological Environment

Technology refers to inventions or innovations from applied science or engineering research.

Making Ethical
Decisions

<p>It can include everything from phones and copiers to computers, medical imaging devices, personal digital assistants, and various software programs that make business processes more efficient and productive. New technologies are dramatically changing business practices and the way businesses and customers buy and sell.</p> <p>Few technical changes have had a more lasting impact on businesses than INFORMATION TECHNOLOGY.</p> <p>1. How Technology Benefits Workers and You</p> <p>Productivity is the amount of output you generate given the amount of input (e.g., hours worked).</p> <p>EFFECTIVENESS means producing the desired result. EFFICIENT means producing goods and services using the least amount of resources.</p> <p>2. The Growth of Electronic Commerce (E-Commerce)</p> <p>The buying and selling of goods and services over the Internet is known as e-commerce.</p> <p>There are two types of e-commerce transactions: BUSINESS-TO-CONSUMER (B2C) and BUSINESS-TO-BUSINESS (B2B).</p> <p>E-business is any information system or application that empowers business processes.</p> <p>E-commerce only covers one aspect of e-business (i.e., the use of an electronic support for the commercial relationship between a company and individuals).</p> <p>3. Using Technology to Be Responsive to Customers</p> <p>The businesses that are most responsive to customer wants and needs will succeed. One way businesses can respond is to use technology to become more responsive.</p> <p>A database is an electronic storage file where information is kept. Databases let businesses tailor products and marketing to customers. Databases also allow stores to carry fewer items and</p>	<p>Lecture Link 1-3</p> <p>Reaching Beyond Our Borders</p>
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fewer inventories.

The gathering of personal information has led to **identity theft**, which is the obtaining of personal information about a person and using that information for illegal purposes.

Federal Privacy laws have been created. For example, the Personal Information Protection and Electronic Documents Act (PIPEDA) sets out ground rules for how private sector organizations may collect, use, or disclose personal information in the course of commercial activities.

4. Social Media Marketing

To survive in the new social media world including social networks (facebook, twitter) and shared media sites (blogs, YouTube), companies must understand and adapt to this new landscape.

Crowdsourcing uses a large group of people to solve a business problem.

D. The Competitive Environment

Making quality products is not enough to stay competitive in world markets – now you have to offer QUALITY PRODUCTS and OUTSTANDING SERVICE at competitive prices.

1. Components of Competition

Companies must consider the factors that drive competition:

Entry: One considers the likelihood of new entrants. Additional producers increase industry capacity and tend to lower prices.

Barriers to entry are business practices or conditions that make it difficult for new firms to enter the market. They can be in the form of capital requirements, product identity, distribution access or switching costs.

Power of Buyers and Suppliers: Powerful BUYERS exists when they are few in number, there are low switching costs, or the product represents a significant share of the buyer's total costs. A

Fig. 1.6

SUPPLIER gains power when the product is critical to the buyer and when it has built up switching costs.

Existing Competitors and Substitutes: This depends on the rate of industry growth. In SLOW-GROWTH settings, competition is more heated for any possible gains in market share. HIGH FIXED COSTS also create competitive pressures for firms.

2. Competing by Exceeding Customer Expectations

Customers want good quality at low prices and great service. Business is becoming CUSTOMER-DRIVEN. Customers' wants and needs come first.

Successful companies must LISTEN TO CUSTOMERS to determine their wants and needs and to adjust their products, policies, and practices to meet these demands.

3. Competing by Restructuring and Empowerment

To meet the needs of customers, firms must enable their front-line workers to respond quickly to customer requests.

Empowerment is giving frontline workers the responsibility, authority, and freedom to respond quickly to customer requests. To implement empowerment, businesses must train front-line people to make decisions.

It sometimes takes years to restructure an organization so that managers are willing to give up some of their authority and employees are willing to assume more responsibility.

E. The Social Environment

Demography is the statistical study of the human population in regard to its size, density, and other characteristics, such as age, race, gender, and income.

The Canadian population is going through major changes that are dramatically affecting how people live, where they live, what they buy, and how they spend their time. Tremendous population shifts are leading to new opportunities for some firms and to declining opportunities for others.

Adapting To
Change.

Fig. 1.7

1. The Aging Population

More people are living longer due to better medical knowledge and technology and better health habits.

The portion of the population that is very young continues to DECREASE because of declining birth rates since the 1960s.

Baby boomers (those born in the period from 1947 to 1966) have had children known as **generation Y**, or Millennials. The latest group is known as **generation Z** (born between 1995 and 2009).

It is expected that seniors will become more numerous than children sometime around 2021..

2. Workforce Trends

The growing seniors population will need goods and services.

Also think of the goods and services needed by middle-aged people.

3. Managing Diversity

Canada has a strong multicultural population.

Businesses have responded to this DIVERSITY by hiring a more diverse workforce.

F. The Global Environment

The global environment of business affects all other environmental influences.

Two important global environmental changes today are the GROWTH OF GLOBAL COMPETITION and the increase in free trade among nations.

Two things that have led to more trade are the improvements in transportation and communication.

<p>1. How Global Changes Affect You</p> <p>Better technology, machinery, tools, education and training enable each worker to be more productive.</p> <p>Rapid change creates a need for continuous learning.</p> <p>3. The Ecological Environment</p> <p>There are an increasing number of terms that recognize today's preoccupation with how individual and business actions impact us nationally and internationally</p> <p>Climate change is the movement of temperature up and down over time. Greening is the trend towards saving energy and causing less harm to the environment. Sustainability reflects the needs of current and future generations.</p> <p>V. THE EVOLUTION OF CANADIAN BUSINESS</p> <p>Businesses have become so productive that fewer workers are needed in the industrial sector to produce goods, which are tangible products, such as computers, food, clothing, cars, and appliances.</p> <p>➤ Learning Objective 5 <i>Give examples of how the service sector has replaced manufacturing as the principal provider of jobs, but why manufacturing remains vital for Canada.</i></p> <p>A. Progress in the Agricultural and Manufacturing Industries</p> <p>The use of TECHNOLOGY allowed the agricultural industry to become so PRODUCTIVE that the number of farmers has dropped. Many small farms have been replaced by fewer and larger farms or highly specialized farms.</p> <p>Many farmers who lost their jobs went to work in factories.</p> <p>TECHNOLOGY made manufacturing more productive and workers again lost their jobs. Many workers in the industrial sector found</p>	<p>Seeking Sustainability</p>
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jobs in the service sector.

1. Canada's Manufacturing Industry

The goods-producing sector includes the manufacturing, construction, agriculture, forestry, fishing, and mining industries.

Manufacturing employs a little over 10 percent of Canada's working population.

While manufacturing is smaller today than it was 25 years ago, it is still an integral part of our economy.

B. Progress in Service Industries

Many workers who lost their manufacturing jobs found jobs in service industries.

Services are intangible products (i.e., products that can't be held in your hand, such as education, health care, insurance, recreation, and travel and tourism).

Over the last 25 years, the service sector has grown so dramatically that today it employs almost 78 percent of Canada's working population.

There are several reasons why there has been growth in this sector. One is: technological improvements. As well since staffing has been downsized by many companies, business has become more complex and specialized companies have relied more heavily on outside service firms. As large manufacturing companies seek to become more efficient, they contract out an increasing number of services, creating more opportunities for business people. There are more high-paying jobs in the service sector than in the goods-producing sector. Other service firms have risen or expanded rapidly to provide traditional services that used to be performed by women at home.

C. Your Future in Business

The information-based global revolution will alter the way business is done in the future.

Fig. 1.8

Fig. 1.9

<p>Most of the CONCEPTS AND PRINCIPLES that make business more effective and efficient are also applicable in government agencies and non-profit organizations.</p>	
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TEXTBOOK CASE
ANALYZING MANAGEMENT DECISIONS AND ANSWERS
CANADA'S FASTEST-GROWING COMPANIES

1. *Which of these data support the information discussed in the chapter? Explain your answer.*

The textbook introduces students to the importance of manufacturing and technology-based companies to the economy. These areas, and especially service providers, are represented in the sector breakdown of some of the top 100 fastest-growing companies.

2. *Why do certain provinces or regions have so many (e.g., Ontario) or few (Atlantic Canada) companies?*

There are many reasons why we see such numbers. For example, companies will oftentimes locate close to their suppliers and customers. In some cases, this is along the Canada-U.S. border. It is for this reason that companies also locate in large metropolitan cities (e.g., Toronto, Montreal, and Vancouver). As well, some provinces or regions may offer financial incentives (e.g., lower taxes) to encourage companies to locate in their boundaries. Depending on the company's goods and services, and the interests of the owner, technological advancements allow some companies to be run from any location.

3. *Review the most recent edition of Profit 200 for information on companies that have made the list. Are there any surprises? How much has changed since these results were posted?*

The answer will vary depending on the latest information. Instructors should try to integrate some of the text information with these findings so that students can make a connection between the theory and Canadian business trends.

VIDEO CASE 1
DISCUSSION QUESTIONS AND ANSWERS
NO CLOWNING AROUND - CIRQUE DU SOLIEL

1. *Guy Laliberté is an example of an entrepreneur that found an opportunity within a changing business environment. What are other lessons that you can take from this video that might result in an entrepreneur's success?*

One key to success is to do what you love. As a former street performer, Laliberté used this as his opening to a wonderful career. The other key is to take a chance and follow your dream. Laliberté challenged the established circus tradition by creating elaborate shows that traveled around the world. By continuously scanning the business environment, he has been able to not only grow his business domestically, but also on an international basis. Finally, when you spot opportunity, go for it. It is OK to make mistakes; the worst mistake of all is not taking risks when you are young.

2. *What are some of the challenges and opportunities you can identify for Cirque du Soleil in today's dynamic business environment?*

The answers to this question depend on what is happening in the business environment. You might consider population growth or decline and the economic environment (which includes business cycles and spending patterns). The competitive environment involves the entrance of new competitors and changes in the organizational structure of a business. to respond to competitive pressures. Check the more recent news that highlights ways that Laliberté has responded to competitive pressures, including ways to diversify the business and pursue international investors.

3. *How would you compare the excitement and fun of working for a new entrepreneurial venture like Cirque du Soleil with working for a large, traditional business? What are the risks? The rewards? The challenges?*

It would be great fun working for Cirque du Soleil, but it would mean lots of travel for performers and the risks that go along with travel. Relationships would be hard to maintain. The challenges are many, including the need to stay competitive with other acts. Students should have a good time imagining working for Cirque versus working for local businesses. There may be some challenges today in finding a good job with a major company due to companies restructuring and in some cases, implementing hiring and wage freezes. It's always a challenge to find THE career that would be most enjoyable and productive for you. One way to begin is to interview as many people as possible to find what careers they like and why.

LECTURE LINK 1-1**SOCIAL ENTREPRENEURSHIP: VILLAGE PHONES AND YOGURT**

Muhammad Yunus, winner of the 2006 Nobel Prize for Peace, pioneered the practice of microcredit. His first loan was \$27 out of his own pocket in the belief that the poor, particularly poor women, could be empowered as entrepreneurs if only they had the means to start their own small businesses. The institution he founded to fund them, GrameenBank, transformed thinking in the banking and non-profit worlds.

Yunus saw an opportunity to empower impoverished villagers in Bangladesh in 1997. On March 26 of that year, Laily Begun became the first participant in GrameenPhone's Village Phone Program. The plan offers small loans, or microcredit, that enable people in one of the world's most impoverished countries to buy cell phones and rent them, call by call, to neighbours who can't afford telephones of their own. Begun borrowed 25,000 takas (the equivalent of about \$580) to purchase a mobile telephone, a tall antenna, and a heavy-duty battery. Almost immediately, she began earning more than that in monthly profits—about \$800 a month, about twice as much as the average Bangladeshi makes in an entire year.

A decade later, Begun now has a two-room brick house, a television set, and a refrigerator. Next door, she has built a barn, shops, and rental housing. Her net worth is about \$145,000. Laily Begun's success has become legendary. Now the Village Phone Program has expanded ten-thousand-fold to include about 280,000 operators, mostly "phone ladies." The typical village phone lady has an average income three times the national average.

But the Village Phone Program may be becoming obsolete. Access to cell phones has expanded rapidly across Bangladesh. GrameenPhone, largest of the cell providers, has more than 13 million subscribers. The village phone lady is no longer the only phone in town. Begun must now compete with 284 other cell phone operators in her area. As a result, monthly profits have fallen to about \$22. Many microborrowers now focus on other money-making activities to supplement their phone income.

Now Yunus is turning his focus toward a broader concept, social business enterprise. Yunus believes firmly in Adam Smith's concept of profit-motivated free-market capitalism. But, he believes that it is flawed and too limited. Capitalism breeds wealth and competitors spread wealth by creating job opportunities. The industrialized world has indeed profited handsomely from free-market capitalism. The richest 2% of the world's adults, mostly Americans, Europeans, and Japanese, own more than half of global household wealth.

So what isn't working? Half of the world's population still lives in poverty. (In Canada, an income inequality measure known as low-income cut-off published by Statistics Canada is frequently used as a poverty rate. As of 2005, it was 10.8%.) Yunus believes in thinking bigger about the concept of capitalism. "Many of the problems in the world remain unresolved because we continue to interpret capitalism too narrowly," Yunuz says. What if we lived in a world where companies didn't measure their performance only in terms of revenue? What if pharmaceutical companies reported on their bottom lines the number of lives saved by their drugs every quarter?

Yunus took his idea to Danone CEO Franck Riboud in 2005. Yunus invited the French yogurt company to come to Bangladesh and build the first social business enterprise. Riboud agreed. The yogurt Danone would make would be fortified to curb malnutrition and priced at 7 cents a cup to be affordable. Revenue would be reinvested, and Danone would take out only its initial cost of capital (\$500,000) after three years. The factory will rely on GrameenBank's microborrowers buying cows to sell it milk on the front end. Grameen microvendors will sell the yogurt door to door, and Grameen's 6.6 million members will purchase it. The first factory will employ 15 to 20 women and provide income for 1,600 people.

Ideas such as these are being discussed in corporate offices from GE to Coca-Cola, to Cargill. Marc Van Amerigen, executive director of the Global Alliance for Improved Nutrition says, "The new wave in business is, forget corporate social responsibility and philanthropy—how do you integrate this into your core business? The idea Danone has of creating a social dividend for shareholders—that's cutting edge" he says. "It supports your brand, returns your capital, you're not going to lose money, and you give your shareholders a vision of doing something good."

Sources: Sheridan Prasso, "Saving the World One Cup of Yogurt at a Time," *Fortune*, 19 February 2007; Richard Shaffer, "Unplanned Obsolescence," *Fast Company*, September 2007; and Armina Ligaya, "The debate over Canada's poverty line, CBC News Online, 12 November 2007, <http://www.cbc.ca/news/background/economy/poverty-line.html>.

LECTURE LINK 1-2**IMPROVING WORLD HEALTH WITHOUT PROFITS**

Knowing that Victoria Hale was a pharmaceutical scientist, a friend called her, desperate. Their 13-year-old daughter had been diagnosed with a deadly form of cancer called Ewing's sarcoma. The daughter's doctors were offering little hope, and the cancer was spreading fast. Could Hale help? With the aid of a former Food and Drug Administration colleague, she began searching for experimental compounds that might offer any ray of hope. They found two substances that had shown initial promise in fighting the cancer. But both were sitting idle on laboratory shelves. No one was working to develop the compounds into drugs. The cancer was too rare to create an attractive market for new treatments.

The young girl lost her battle with cancer, and Hale was determined to change things. She created OneWorldHealth, the first U.S. non-profit pharmaceutical company.

Hale identified five disease categories that she believed could benefit from an aggressive drug development effort, but would not be profitable. Her plan was this: find research on these diseases that had already been conducted, but nothing had been done because the drug would not be profitable. She would then persuade the pharmaceutical company to donate the information to her in return for tax write-offs. Finally, she would seek funding from foundations and others to make those drugs available.

Hale got \$4.7 million from the Melinda Gates Foundation for researching diseases in the developing world. She also negotiated deals with the World Health Organization and the National Institutes of Health to do some clinical trials. Hale hopes that she can sell some drugs at a profit in order to continue her work. Presently, she is working on a number of projects, including a drug for Chagas disease, which kills nearly 50,000 people each year in Central and South America. Celera donated the research on an enzyme inhibitor that could kill the parasite that causes the disease.

As scientists and companies heard about the organization's efforts, many began calling to say "We've got something you might be interested in." Many scientists are also volunteering their time and expertise. Hale doesn't find this surprising. "Most pharmaceutical researchers got into the business because they wanted to ease suffering and save lives. Systems may be flawed, but most people want to do the right thing," says Hale.

All organizations need money to operate. One of the major sources of money is investors who give money to firms in order to make a profit. Those firms have to be profitable. Non-profit organizations usually rely on the donations from others to keep operating. Often that money comes from profit-making companies, like Celera, who are concerned about disease prevention, but can't stay in business unless they make a profit. Hale has found a way to link these organizations.

Sources: Allison Overholt, "Health and the Profit Motive," *Fast Company*, February 2003, 38; and Victoria Hale, "Creating More Paths to Hope," *Newsweek*, 6 December 2004.

LECTURE LINK 1-3

EDUCATION'S NEW WHITEBOARD

Technology advances have revolutionized the telecommunication industry, the computer industry, agriculture, manufacturing, and so on. Rarely mentioned, but just as surely transformed, is the non-profit sector, specifically education.

. For example, interactive whiteboards are essentially giant computer touch screens that allow teachers to display and change data with the touch of a finger. At schools fortunate enough to have them, interactive whiteboards are a blessing for educators struggling to engage a generation of students raised with the Internet. In the United Kingdom, 70% of all primary and secondary classrooms have interactive whiteboards, compared with just 16% in the U.S. Students in classrooms with interactive whiteboards made the equivalent of five months' additional progress in math. Multiple studies suggest that the devices boost attendance rates and classroom participation. At Dorchester School District 2 in Summerville, South Carolina, 1,200 interactive boards have been installed in the classrooms. "Students were bored," before the touch screens arrived, says Superintendent Joe Pye. "Trips to the principal's office are almost non-existent now."

But holding back universal deployment is the cost of the devices, currently about \$3,000. For cash-strapped school districts, the cost is prohibitive. Teachers have taken to old-fashioned fund-raising to buy the new whiteboards. At Cartier Elementary School in London, Ontario, three elementary school teachers agreed to be duct-taped to the gym wall while students hit them with pies.

Another roadblock is the steep learning curve with the device. A generation gap has opened with teachers who are still more comfortable creating lesson plans with pencil and paper. Many older educators are afraid of the boards. Training is essential. Otherwise, it's just another underused, expensive gizmo.

Source: Matthew Philips, "It Makes Teachers Touchy," Newsweek, 22 September 2008.

Name: _____

Date: _____

CRITICAL THINKING EXERCISE 1-1
MAKING ETHICAL DECISIONS

Throughout the textbook, you will see a box in each chapter called “Making Ethical Decisions.” You will be given a short description of a situation and then asked what you would do in that situation. These boxes may or may not be assigned by your professor, but you will benefit greatly by reading them and answering the questions. If they are assigned, you probably won’t be required to hand in a written report. Your professor will probably have no real way of knowing if you read the boxes and answered the questions. You are likely to be “on your honor.”

This is your first ethical situation in this course: You come to a “Making Ethical Decisions” box in your text. What do you decide to do? Read and answer the questions or skip it and go on?

Use the questions below to help you make your decision.

1. What is the problem?
2. What are your alternatives?
3. What are the effects of each alternative? (What will happen if you choose that alternative?)
4. Which alternative will you choose? Why?

5. Is your choice ethical? (Would you want your family and professor to know of your decision? Would you want it printed in the school paper? Is it fair to all parties involved?)

ANSWERS TO CRITICAL THINKING EXERCISE 1-1

It is easy to skip ethical boxes in a text because they don't seem to have any direct relationship to your main goal in this class—to learn about business so you can get a good job and make good money. The problem is that businesspeople tend to have the same attitude. They don't want to waste their time making ethical decisions—they want to make decisions that result in more profit for the firm.

There comes a time, however, when society must recognize the need for making moral and ethical decisions and this puts so much pressure on people that they conform. This can take the form of laws, but it is much easier to permit more freedom for people to choose to act morally and ethically on their own. You should encourage your students to choose what is right always and what is right in this case is to consider the moral and ethical ramifications of their business decisions so that it becomes automatic. “Is it right?” should be heard in corporate offices as often as “Is it profitable?”

Name: _____

Date: _____

CRITICAL THINKING EXERCISE 1-2

JOB AND CAREER VERSUS OWNING A BUSINESS

To help make a decision about the advantages of pursuing a career and the advantages of owning your own business, use the list below to answer some basic questions. At the end, look at your two choices and see where you might have a reason to pursue your anticipated career or where you might find an interest and potential desire to be a small-business owner.

1. **CAREER SALARY OPPORTUNITIES** (circle one)
 - Beginning Salary* (average / good / excellent)
 - Upper Job Salary* (average / good / excellent)

2. **CAREER JOB OPPORTUNITIES** (circle one)
 - Growing Field* (yes / no)
 - Requires High School Diploma / Trade School / College Diploma / University Degree / Graduate Degree* (yes / no)
 - Best Size Company For Career Job* (small / medium-sized [50-499 employees] / large)

3. **SMALL BUSINESS OWNERSHIP OPPORTUNITIES** (circle one)
 - (NOTE: Students may wish to review the discussion on Franchising on p. 187)
 - Requires Up Front Investment* (small / medium-sized / large investment)
 - Potential Franchise Has A Good Business Model* (yes / no)
 - Competition From Other Franchise Owners* (non existent /some competition / will be very competitive)

4. **POTENTIAL RETURN ON THE SMALL BUSINESS PURCHASE** (circle one)
 - Provides Purchase of Additional Locations* (yes / no)
 - Has Name Recognition* (yes / no)
 - Has A Good Support System* (yes / no)

5. If you could, would pursuing your ideal career be worth the investment? (yes / no)
6. Are you willing to make the investment (i.e., more schooling) and work for moderate pay to get the knowledge and experience to make this investment pay off? (yes / no)
7. If you could investment in your own business, would you and could you obtain the necessary financing to make this happen? (yes / no)
8. Is the risk of the unknown in the business environment worth the pursuit of your time, money and family sacrifices to own your own business? (yes / no)
9. Given the two choices, what direction would you rather pursue?

SUPPLEMENTAL CASE 1-1

THE WORLD'S LARGEST CHARITY

Bill Gates is the wealthiest person in the world. According to *Forbes* magazine, his net worth is \$50 billion.. But at the age 50, Bill Gates earned respect in a new way. Along with his wife Melinda, the chairman of Microsoft became the greatest philanthropist in history. Melinda, a former Microsoft colleague, has a bachelor's degree in computer science and economics and a master's degree in business from Duke University. (Bill dropped out of Harvard at the end of his sophomore year to run Microsoft.)

In its short existence, the Bill and Melinda Gates Foundation has already helped save at least 700,000 lives in poor countries through its investments in vaccinations. In the U.S., its library project has brought computers and Internet access to 11,000 libraries. The fund sponsored the biggest privately-funded scholarship program in history, sending over 9,000 high-achieving minority students to college. It is the largest foundation in the world, with an endowment of about \$ 42 billion. Each year the Gates Foundation spends almost the same amount as the World Health Organization (WHO). In 1993, advisers gave Bill Gates a copy of the 1993 World Bank Development report. The document explained how many millions of people in poor countries die from diseases that already have cures. Then it listed the most cost-effective methods of preventing those deaths, from immunization to AIDS prevention to nutrition. The document reads like a blueprint for the Gates foundation.

In June 2006, Bill Gates announced that he was stepping down from full-time duties at Microsoft, giving up his role as chief software architect, to devote more attention to the Gates Foundation.

The Gateses run the Seattle-based foundation like a business. They are fluent in the science of public health, and both use the language of business to describe their philanthropic work. "There is no better return on investment than saving the life of a newborn," said Melinda.

The foundation has been able to instill a rare level of accountability from its grantees. In India, the Foundation runs an HIV AIDS-prevention program, headed by Ashok Alexander. Alexander calls the program's clinics "franchises." In 2005, Alexander cut off funding to three non-governmental organizations because they did not meet agreed-upon milestones. "People are not used to being terminated for non-performance," says Alexander.

Gates did not keep his title of top philanthropist for long. In that same month that Gates left Microsoft, Warren Buffett announced that he planned to give away his stake in Berkshire-Hathaway, the company he founded, worth more than \$44 billion. Buffett will divide the gift over five foundations, but the largest amount will go to the Gates Foundation. Buffett's donation exceeds the amounts given by the great philanthropists of the past. Andrew Carnegie's giving totaled about \$380 million—\$7.6 billion in today's dollars. Based on the Berkshire stock price on the day the gift was announced, Buffett's gifts would be worth \$37 billion. Because the donation is in the form of Berkshire stock shares given over time, the total donation could grow in value as the company grows.

According to Buffett, he always intended to have his wife oversee his charitable giving when he died. But after she died in 2004, he saw an opportunity to invest in "an existing well-respected foundation run buy two ungodly bright people." He changed plans and started giving away his fortune in 2006. Buffett credits his late wife Susan for his change in priority. "We agreed with Andrew Carnegie, who said that huge fortunes that flow in large part from society should in large part be returned to society," said Buffett.

The gift more than doubled the size of the Gates Foundation. "We are awed by our friend Warren Buffett's decision to use his fortune to address the world's most challenging inequities," Bill and Melinda Gates said in a statement. "As we move forward with the work, we do so with a profound sense of responsibility. Working with Warren and with our partners around the world, we have a tremendous opportunity to make a positive difference in people's lives.

Sources: Amanda Ripley, "Time Persons of the Year: From Riches to Rags," *Time*, 26 December 2005-2 January 2006, 72-88; Liv Grossman, "Bill Gates: Giving it Away in Style," *Time*, 18 April 2005; Steven Levy, "Bill Gates Goes Part Time at Microsoft," *Newsweek*, 17 June 2006; Yuki Noguchi, "Gates Foundation to Get Bulk of Buffett's Fortune," *The Washington Post*, 26 June 2006; Carol J. Loomis, "Warren Buffett Gives Away his Fortune," *Fortune*, 25 June 2006; and information from www.gatesfoundation.org.

DISCUSSION QUESTIONS AND ANSWERS FOR SUPPLEMENTAL CASE 1-1:

1. *How do Bill and Melinda Gates use basic business principles to run the Gates Foundation?*

They use business principles such as return on investment, responsibility, and accountability. Running a philanthropic enterprise is much the same as running a business. You have the same kind of goals, the same need for good workers, the same need to measure performance, and the same need to fire incompetent workers.

2. *Since the foundation does not earn a profit, how should the success of the Foundation be judged?*

Performance measures will differ based on the goals established. One goal may be to provide medicine for a certain number of people. Another might be to develop a vaccine for malaria within 6 months. Each goal calls for a different measure of success. One measure may be simply to raise the public's interest in an issue—such as poor schools – or decrease another measure – such as the overall poverty rate in a country.

3. *Most philanthropists are wealthy individuals who begin their charitable work late in life after years of building an enterprise. Why do you think Gates started so early in his life?*

Gates was encouraged to do so by other entrepreneurs. Bill and Melinda have a passion for certain causes, and are willing and able to back their wants with the finances necessary. Gates did not leave his business until it was running smoothly and people were in place to keep it going. In fact, new people may add new innovations and help the company to grow, creating more wealth for the Gates family, and more donations to worthy causes.

4. *Why do you think Buffett chose the Gates Foundation for his record-breaking donation?*

The Gates Foundation is run like a business, with clear mission, strategies, and controls. This appeals to a businessperson like Buffett. Also, since the donation is so large, most charities do not have the infrastructure to absorb it. The Gates Foundation already has a large global network in place.