Becoming a master student

UPDATED
EIGHTH EDITION
NEW
LEARNING STYLES
SECTION

Tools, techniques, hints, ideas, illustrations, examples, methods, procedures, processes, skills, resources, and suggestions for success.

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Becoming a Massiver of the Student

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EIGHTH EDITION

Tools, techniques, hints,

ideas, illustrations,

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suggestions for success.

Houghton Mifflin Company
Boston New York

DAVE ELLIS

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Notice: Becoming a Master Student was previously entitled Survival Skills for Students and before that Survival Tools for College.

This book is available in Spanish (fifth edition) and French (sixth edition). A Canadian edition (eighth edition) is also available. Contact your Houghton Mifflin sales representative or College Survival for more information.

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Portions of the "Power Processes" are excerpted from *Human Being: A Manual for Happiness, Health, Love, and Wealth* by David Ellis and Stan Lankowitz.



As part of Houghton Mifflin's ongoing commitment to the environment, this text has been printed on recycled paper.

OR THE MOST PART, STUDENT'S HAVE CREATED THIS BOOK. The First Edition of Becoming a Master Student came from notes that I collected while teaching a course to students. They ended up teaching me more than I ever imagined there was to learn about student success while I was supposed to be teaching them. Since that edition, hundreds of thousands of students have used this book, and their continuing input has dramatically changed it. To all of those students of different ages and from a variety of cultures and ethnic groups, I send my heartfelt thanks.

In previous editions of this book, I have listed many of the educators who have contributed significantly to the strategies and insights offered to students. Unfortunately, this list has gotten so long that I cannot list, by name, the hundreds of significant contributors. Some educators have offered an idea or two as a part of an article. Others have provided the inspiration and much of the content for entire articles. Still others have offered suggestions that have totally rearranged the structure and outline of this

text. Thank you all.

During the last 16 years, I have worked day to day with dozens of people who have contributed dramatically to the creation of this text. They have lent ideas, logistical support, project management, consultation, and design. To all of those people, I want you to know that I know that this book would never have been produced without you. There are a few people out of the dozens I have worked with who have made such a difference in this book that to leave them unnamed would border on unethical. In particular, I thank and acknowledge the work of Doug Toft, Jeff

Swaim, Stan Lankowitz, Larry David, Bill Rentz,

Adel Brown, Ellen Whalen, Mary Maisey-Ireland, Robbie Murchison, Bill Fleming, Bill Harlan, Judy Maisey, James Anderson, Wayne Zako, Karen Marie Erickson, and Shirley Wileman-Conrad.

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For their contribution to my life and personal growth, I thank my wife, Trisha Waldron, and my friends Stan Lankowitz and Barb Churchill. I also treasure what I have learned from my children, Sara, Elizabeth, Snow, and Berry, and the constant encouragement of my parents, Maryellen and Ken.

I know that no book and no set of ideas comes from a single person, and my intention is to continue to share with others what all of the people I have mentioned here shared with me.

Dave Elli

I want your feedback. When you see whys to improve this book, please write to me, More than ever, I recognize the value P.O. BOX 8396 • RAPID CITY, SD 57709-8396

introduction

As you begin...

this book is worthless—and seven ways you can benefit instead. Also do a textbook reconnaissance and discover options for getting the most out of this book. You can declare what you want from your education and commit to making this book a partner in your success.



Start becoming a master student right now by doing a 15-minute "textbook reconnaissance" of this book. Here's how:

First, read the table of contents. Do it in three minutes or less. Next, look at every page in the book. Move quickly. Scan headlines. Look at pictures. Notice forms, charts, and diagrams.

A textbook reconnaissance shows you where a course is going. It gives you the big picture. That's useful because brains work best when going from the general to the specific. Getting the big picture before you start makes details easier to recall and understand later on.

Your textbook reconnaissance will work even better if, as you scan, you look for ideas you can use. When you find one, write the page number and a two-word description of it in the space below. The idea behind this technique is simple: It's easier to learn when you're excited, and it's easier to get excited about a course if you know it's going to be useful, interesting, or fun.

When you have found five interesting ideas, stop writing and continue your survey. Remember, look at every page, and do it quickly. And here's another useful tip for the master student: Do it now.

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|----------|---------------------------------------|-------------|
| 1 | · · · · · · · · · · · · · · · · · · · | ··· ··· |
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| <i>3</i> | | |
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V

HE FIRST EDITION OF THIS BOOK began with the sentence: This book is worthless.

Many students thought this was a trick to get their attention. It wasn't. Others thought it was reverse psychology. It wasn't that, either. Still others thought it meant that the book was worthless if they didn't read it. It's more than that.

The book is worthless even if you read it, if

reading is all you do. What was true of that first edition is true of this one.

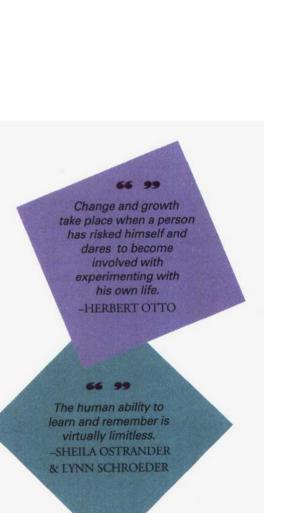
Until you take action and use the ideas in it, *Becoming* a Master Student really is worthless.

You probably won't take action and use the ideas until you are convinced that you have something to gain. The main purpose of this introduction is to sell you on the value of committing yourself to spend the energy to use this book actively. Before you stiffen up and resist, the purpose of this sales pitch is not to separate you from your money. You already bought the book. Now you can get something for your money by committing yourself to take action—in other words, commit yourself to become a master student. Here's what's in it for you.

Pitch #1: You can save money now and make more later.

Start with money. Your college education is one of the most expensive things you will ever buy.

Typically, it costs students \$30 to \$70 an hour to sit in class. (See Exercise #6 on page 21.) Unfortunately, many students think their classes aren't even worth 50 cents an hour.



This book is worthless

As a master student, you control the value you get out of your education, and that value can be considerable. The joy of learning aside, college graduates make about \$1 million more during their lifetimes than their nondegreed peers. It pays to be a master student.

Pitch #2: You can rediscover the natural learner in you.

Joy is important too. As you become a master student, you will learn how to learn in the most effective way possible by discovering the joyful, natural learner within you.

Children are great natural students. They quickly learn complex skills, such as language, and they have fun doing it. For them, learning is a high-energy process involving experimentation, discovery, and sometimes, broken dishes. Then comes school. For some students, drill and drudgery replace discovery and dish breaking. Learning can become a drag. You can use this book to reverse that process and rediscover what you knew as a child—that laughter and learning are not mutually exclusive.

Sometimes learning does take effort, especially in college. As you become a master student, you will learn how to get the most out of that effort.

Pitch #3: You can choose from hundreds of techniques.

Becoming a Master Student is packed with hundreds of practical, nuts-and-bolts techniques. And you can begin using them immediately. For example, during your textbook reconnaissance on page vi you practiced three powerful learning techniques in one 15-minute exercise. (If you didn't do the textbook reconnaissance, it's not too late to get your money's worth. Do it now.) If you doze in lectures, drift during tests, or dawdle on term papers, you can use the ideas in this book to become a more effective student.

Not all these ideas will work for you. That's why there are so many of them in *Becoming a Master Student*. You can experiment with the techniques. As you discover what works, you will develop a unique style of learning that you can use for the rest of your life.

Pitch #4: You get the best suggestions from thousands of students.

The concepts and techniques in this book are not here because learning theorists, educators, and psychologists say they work. They are here because tens of thousands of students from all kinds of backgrounds tried them and say they work. These are people who dreaded giving speeches, couldn't read their own notes, and couldn't remember where the ileocaecal valve was. Then they figured out how to solve these problems, which was the hard part. Now you can use their ideas.

Pitch #5: You can learn about you.

The process of self-discovery is an important theme in *Becoming a Master Student*. Throughout the book you can use Discovery Statements and Intention Statements for everything from organizing your desk to choosing long-term goals. Studying for an organic chemistry quiz is a lot easier with a clean desk and a clear idea of the course's importance to you.

Pitch #6: You can use a proven product.

The first seven editions of this book were successful for tens of thousands of students. In schools where it was widely used, the dropout rate decreased as much as 25 percent and in some cases, 50 percent. Student feedback has been positive. In particular, students with successful histories have praised the techniques in this book.

Pitch #7: You can learn the secret of student success.

If this sales pitch still hasn't persuaded you to actively use this book, maybe it's time to reveal the secret of student success. (Provide your own drum roll here.) The secret is, there are no secrets. Perhaps the ultimate formula is to give up formulas and keep inventing.

The strategies and tactics that successful students use are well known. You have hundreds of them at your fingertips right now, in this book. Use them. Modify them. Invent new ones. You're the authority on what works for you.

However, what makes any technique work is commitment—and action. Without them, the pages of *Becoming a Master Student* are just 2.1 pounds of expensive mulch. Add your participation to the mulch, and these pages are priceless.

| Section 1 | |
|-----------|----------|
| Name | D / / |
| Name | Date / / |
| | |



Success is a choice. Your choice. To get to what you want, it helps to know what you want. That is the purpose of this Journal Entry.

Select a time and place when you know you will not be disturbed for at least 20 minutes. (The library is a good place to do this.) Relax for two or three minutes, clearing your mind. Then complete the following sentences and keep writing. Write down everything you want to get out of school. Write down everything you want your education to enable you to do after you finish school.

When you run out of things to write, stick with it just a bit longer. Be willing to experience a little discomfort. Keep writing. What you discover might be well worth the extra effort. You can begin choosing success right now by choosing a date, time, and place to complete this Journal Entry. Write your choice here and block out the time on your calendar.

| Date: | |
|--------|--|
| Time: | |
| Place: | |
| | What I want from my education is |
| | |
| - | |
| | When I complete my education, I want to be able to |
| | |
| | l also want |
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On a separate piece of paper, write a description of a time in your life when you learned or did something well. This situation need not be related to school. Describe the details of the situation, including the place, time, and people involved. Describe how you felt about it, how it looked to you, how it sounded. Describe the physical feelings you associate with the event. Do the same for emotions.

1. Rip 'em out. The pages of *Becoming a Master Student* are perforated because some of the information here is too important to leave in the book and some of it your instructor may want to see. For example, Journal Entry #1 asks you to write some important things you want to get out of your education. To keep yourself focused, you could rip that page out and post it on your bathroom mirror or some place where you'll see it several times a day.

You can reinsert the page by just sticking it into the spine of the book; it will hold. A piece of tape will fix it in place.

2. Skip around. You can use this book in several different ways. Read it straight through, or pick it up, turn to any page, and find an idea you can use. Look for ideas you can use right now. For example, if you're having trouble listening to boring lectures, skip directly to Chapter Five: Notes.

As you skip around, keep in mind that *Becoming a Master Student* is organized into two major sections. The first six chapters are about core study skills such as reading and taking notes; the last six focus on skills that apply in many areas of life.

- 3. If it works, use it. If it doesn't, lose it. If there are sections of the book that don't apply to you at all, skip them—unless, of course, they are assigned. Then, see if you can gain value from these sections anyway. When you are committed to getting value from this book, even an idea that seems irrelevant or ineffective at first can turn out to be a powerful tool. Topics that aren't relevant now may be just what you want in the next year or three years from now.
- **4. Rewrite this book.** Here's an alternative strategy to the one above. If an idea doesn't work for you, rewrite it. Change the exercises to fit your needs. Create a new technique by combining several others. Create a technique out of thin air!

- **5. Put yourself into the book.** As you read about techniques in this book, invent your own examples, starring yourself in the title role. For example, as you were reading the explanation of Exercise #1, you might have pictured yourself using this technique on your world history textbook. Sometimes it pays to let your mind wander.
- **6. Work with others.** Talk with your classmates about what works and what doesn't. Peer pressure is often characterized as negative. You can turn that idea around. Form a group of students who support each other in mastering the art of learning.
- **7. Yuk it up.** Going to school is a big investment. The stakes are high. It's OK to be serious about that, but you don't have to go to school on the deferred-fun program. A master student celebrates learning, and one of the best ways to do that is to have a laugh now and then.
- **8. Own this book.** Write your name and address on the first page of this book now, and don't stop there. As you complete Journal Entries and exercises, you create a record of what you want to get out of school and how you intend to get it. Every time your pen touches a page, you move closer to mastery of learning.

Another way to own this book is to write summaries of each chapter. Experiment with several different techniques, including outlines, mind maps, and concept maps. For details, see Chapter Five.

9. Do the exercises. Action makes this book work. To get the most out of an exercise, read the instructions carefully before you begin. To get the most out of this book, do most of the exercises. More important, avoid feeling guilty if you skip some. And by the way, it's never too late to go back and do those.

4 BECOMING A MASTER STUDENT

These exercises invite you to write, touch, feel, move, see, search, ponder, speak, listen, recall, choose, commit, and create. You might even sing and dance. Learning works best when it involves action.

True education is not about cramming material into your brain. Education is the process of expanding your capabilities, of bringing yourself out into the world. Doing the exercises brings you into the heart of that process.

10. Get used to a new look and tone. This book looks different from traditional textbooks. *Becoming a Master Student* presents major ideas in magazine-style articles. You will discover lots of lists, blurbs, one-liners, pictures, charts, graphs, cartoons, and even a joke or two. The book is colorful throughout not only to provide visual interest but also to underscore in a graphic way the importance of racial diversity—one of the subjects of Chapter Seven.

The icons and key visuals in this book carry special meanings. Journal Entries are introduced by a drawing of a twisted pencil. This is a sign of infinity, symbolizing the idea that journaling is a process that never ends. The picture of the running shoe that accompanies the exercises throughout this book indicates the action that makes for effective learning.

One more note: As a strategy for avoiding sexist language, this book alternates the use of feminine and masculine pronouns.

- 11. Practice critical thinking. Throughout this book are activities labeled "Practicing Critical Thinking." Look for them next to the icon of the "thinker" inside a light bulb, who's there to encourage contemplation and constant problem solving. Also note that other elements of this text promote critical thinking, including exercises and Journal Entries.
- 12. Learn about learning styles. Check out the Learning Style Applications at the end of each chapter. These are included to increase your awareness of your preferred learning styles and to help you explore new styles. Each exercise will guide you through experiencing four specific learning styles as applied to the content of the chapter. The four-color icon for these applications represents those styles. For a detailed explanation of these styles, see "Learning styles—Discovering how you learn" in Chapter One.



EXERCISE #2 COMMITMENT

This book is worthless without your action. One powerful way to begin taking action is to make a commitment. Conversely, without commitment, sustained action is unlikely. The result is a worthless book. Therefore, in the interest of saving your valuable time and energy, this exercise gives you a chance to declare your level of involvement up front. From the choices below, choose the sentence that best reflects your commitment to using this book. Write the number in the space provided at the end of the list.

- 1. "Well, I'm reading this book right now, aren't !?"
- 2. "I will skim the book and read the interesting parts."
- 3. "I will read the book and think about how some of the techniques might apply to me."
- 4. "I will read the book, think about it, and do the exercises that look interesting."
- 5. "I will read the book, do exercises, and complete some of the Journal Entries."
- 6. "I will read the book, do exercises and Journal Entries, and use some of the techniques."
- 7. "I will read the book, do most of the exercises and Journal Entries, and use some of the techniques."
- 8. "I will study this book, do most of the exercises and Journal Entries, and use some of the techniques."
- "I will study this book, do most of the exercises and Journal Entries, and experiment vigorously with most of the suggestions in order to discover what works best for me."
- 10. "I promise to get value from this book, beginning with Exercise #1: 'Textbook Reconnaissance,' even if I have to rewrite the sections I don't like and even if I have to invent new techniques of my own."

| Enter your commitm | ent level and today's date here: |
|--------------------|----------------------------------|
| Commitment level | Date |

If you selected commitment level 1 or 2, you might consider passing this book on to a friend. If your commitment level is a 9 or 10, you are on your way to terrific success in school. If you are somewhere in between, experiment with the techniques; and if you find they work, consider returning to this exercise and raising your level of commitment.

first

In this chapter...

take a First Step to personal change:

tell the truth about your current abilities. Doing so allows you to change habits and to set goals that you can reach. In the process, keep yourself on track with the Discovery and Intention Journal Entry System.

Also discover and expand your

learning styles, reflect on the value of higher education, and find ways to pay for school.

step



Perhaps you know people who've tried to repair their cars without knowing what parts they needed. Or maybe you've tried to buy clothes for someone without knowing that person's size and preferred styles. In such cases we can be more effective when we know what the specific problem is or what the people involved truly want.

On a separate sheet of paper, describe a time when you wanted to solve a problem but lacked specific information about the nature of that problem. This could also be a time when you had no clear idea of the outcome you desired.

Now describe a time when, based on your diagnosis and desired results, you were able to accurately diagnose a problem and efficiently solve it.

Succeeding in this course—and in school—uses the same process. It begins with identifying the skills you already have, along with the new skills you want to acquire. It also involves telling the truth about any problem you face right now and creating a plan to solve it.

Take time now to preview the Discovery Wheel exercise on page 14. Then list several specific benefits you can gain by reading and applying this chapter.

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THE FIRST STEP TECHNIQUE IS SIMPLE: Tell the

truth about who you are and what you want. End of discussion. Now proceed to Chapter Two.

Well, it's not quite that simple.

The First Step is one of the most powerful tools in this book. It magnifies the power of all

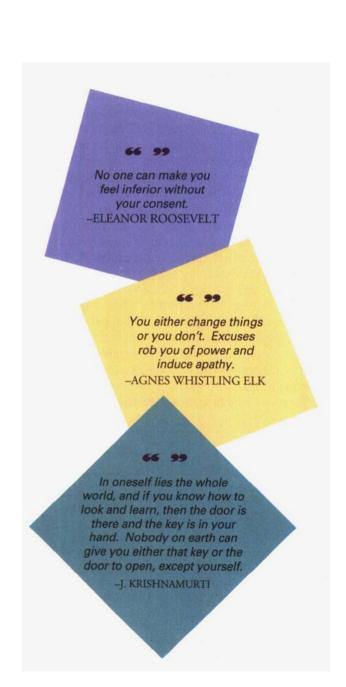
First Step: Truth is a key to mastery

the other techniques. It is a key to becoming a master student.

Unfortunately, a First Step is easier to explain than it is to use, and it's not that easy to explain. "Telling the truth" sounds like pie-in-the-sky moralizing, but there is nothing pie-in-the-sky about a First Step. It is a practical, down-to-earth way to change behavior. No technique in this book has been field-tested more often or more successfully—or under tougher circumstances. Just ask almost any recovering alcoholic.

A fundamental principle of Alcoholics
Anonymous is that alcoholics must tell the truth about their drinking before they can begin to change. This is an essential ingredient in AA's "First Step" and in its entire Twelve Step program. Today people recovering from addictions to food, drugs, sex, work, and whatever else human beings can abuse, employ the same principle. They use First Steps to change their behavior for one reason: First Steps work.

Compared to conquering addictions, training to be a master student is a snap. But let's be truthful. It's not easy to tell the truth about ourselves. We might have to admit that we're afraid of algebra or that we never complete term papers on time. It's tough to admit weaknesses.



If you skipped the Introduction . . .

Some people think introductions are useless clutter. The Introduction is an important part of this book. It suggests ways to get your money's worth. Please read the Introduction. Here's what awaits you:

- Exercise #1: "Textbook reconnaissance"
- · This book is worthless
- Get the most out of this book
- Exercise #2: "Commitment"

Please read it now.

For some people, it's even harder to admit strengths. Maybe they don't want to brag. Maybe they're attached to poor self-images. The reasons don't matter. The point is, using the First Step system in *Becoming a Master Student* means telling the truth about your good qualities too.

Making this technique work also means telling the truth about what you want.

Sounds easy, you say? Many people would rather eat nails. If you don't believe it, find three other students and ask them what they want to get out of their educations. Be prepared for hemming and hawing, vague generalities, and maybe even a helping of pie-in-the-sky 'a la mode.

On the other hand, if one of them tells you she wants a degree in journalism with double minors in earth sciences and Portuguese so she can work as a reporter covering the environment in Brazil, chances are, you've found a master student.

The details of her vision are a clue to her mastery. Goals are more powerful when they are specific. So are First Steps, whether they are verbal or written. For example, if you want to improve your note-taking skills, you might write, "I am an awful note taker." It would be more effective to write, "I can't read 80 percent of the notes I took in American Constitutional History last week and I have no idea what was important in that class."

Be just as specific about what you want. You might declare, "I want to take legible notes that help me predict what questions will be on the final exam."

In Exercise #5: "The Discovery Wheel" and Exercise #3 you can take a giant First Step. You can tell the truth about what kind of student you are and what kind of student you want to become. If that prospect puts a knot in your stomach, that's good. Notice that knot. It is your friend. It is reminding you that telling the truth about yourself takes courage, which is an important characteristic of a master student.

Your courage will be rewarded. The Discovery Wheel and the rest of the exercises in this book are your First Steps to tapping resources you never imagined you had. You can even take a First Step to mapping out the rest of your life with a detailed career plan.

They're all First Steps—no kidding. It's just that simple. The truth has power.



Review Exercise #1: "Textbook reconnaissance." Consider the articles in this book that you thought might be valuable. Choose the one from which you think you can get the most immediate, practical benefit and scan that article until you come to a specific technique you can use. Write an Intention Statement in this space concerning how you will use that technique within the next week. Include when you intend to use it.

For example, if you listed the article called "When reading is tough," you could use any of the techniques suggested for difficult reading assignments. If you have a tough computer science course, you might choose to form a support group to discuss reading assignments. In that case, you might write, "I intend to contact four other students after class tomorrow about forming a group to study computer science."

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Exercise #3 Taking the first step

The purpose of this exercise is to give you a chance to discover the positive as well as the negative aspects of yourself. It is the most difficult exercise in this book. To make the exercise worthwhile, do it with courage.

Some people suggest that looking at negative aspects is counter to positive thinking. Well, perhaps. Positive thinking is a great technique. So is seeing the truth, especially when we see the whole picture—even though a realistic picture of ourselves may include some extremely negative points.

If you admit that you can't read, and that's the truth, then you have taken a strong positive First Step to becoming a successful reader. On the other hand, if you say that you are a terrible math student, and that's not the truth, then you are programming yourself to accept unnecessary failure. The point is, tell the truth.

This exercise is similar to each Journal Entry— Discovery Statement appearing throughout this text. The difference is that in this case, for reasons of confidentiality, you don't write your discoveries in the book.

Be brave. If you approach this exercise with courage, you are likely to write down some things you don't want others to read. You may even write down some truths about yourself that could get you into trouble. Do this exercise on separate pieces of paper; then hide or destroy them.

To make this exercise work, follow these three suggestions:

- 1. Be specific. It is not effective to write, "I could improve my communication skills." Of course you can. Instead, write down precisely what you can do to improve your communication skills. For example: "I can spend more time really listening while the other person is talking, instead of thinking about what I'm going to say next."
- 2. Look beyond the classroom. What goes on outside school often has the greatest impact on your ability to be an effective student.
- 3. Be courageous. This exercise is a waste of time if done halfheartedly. Be willing to risk. Sometimes you may open a door that reveals a part of yourself that you didn't want to admit was there. The power of this technique is that once you know what the "it" is, you can do something.

Part 1

Time yourself, and for 10 minutes, write as fast as you can and complete the following sentences with anything that comes to mind. Complete each sentence at least 10 times. If you get stuck, don't stop; just write something—even if it's crazy.

It is ineffective when I... It doesn't work when I... I could change...

Part 2

When you have completed the first part of the exercise, review what you have written and cross off things that don't make any sense. The sentences that remain represent possible goals for your experience as a master student.

Part 3

Here's the tough part. Time yourself, and for 10 minutes, write as fast as you can. Complete the following sentences with anything that comes to mind. As in Part 1, complete each sentence at least 10 times and just keep writing, even if it sounds silly.

I am very good at . . . It is effective when I . . . Something very positive about me is . . .

Part 4

Review your list and circle the things that really fit.

This is a good list to keep for those times when you question your own value and worth.

The Discovery and Intention

ne way to become a better student is to grit your teeth, grunt, and try harder. There is another way. You can use the Discovery and Intention Journal Entry System to increase your effectiveness with the least possible struggle. It's a way to focus your energy, and it's closely related to the idea of taking a First Step.

The Discovery and Intention Journal Entry System is a little like flying a plane. Airplanes are seldom exactly on course. Human and automatic pilots are always checking and correcting the heading. The resulting path looks like a zigzag. The plane is almost always flying in the wrong direction, but because of constant observation and course correction, it arrives at the right place.

The same system can be used by students. In fact, you have already used it if you completed Journal Entries on pages 3 and 8. (If you haven't, consider doing one right now.) Journal Entries throughout this book are labeled either "Discovery Statement" or "Intention Statement." Each Journal Entry will

Through
Discovery
Statements, you can
learn "where you are."
They are a record of
what you learn about
yourself as a student—both
strengths and weaknesses.

contain a short set of directions and space in which you

can write.

Discovery Statements can also be declarations of what you want, descriptions of your attitudes, statements of your feelings, transcripts of your thoughts, and chronicles of your behavior.

Intention Statements can be used to alter your course. They are statements of your commitment to do a specific task, to take a certain action. An intention arises out of your choice to direct your energy toward a particular goal.

The purpose of this system is not to get you pumped up and excited to go out there and try harder. Discovery and Intention Statements keep you focused on what you want and how you intend to get it.

The Journal Entry process is a cycle. You can write Discovery Statements about where you are and where you want to go. Then you can write Intention Statements about the specific steps you will take to get there.

