

### Active Study Strategies

Active study strategies can help you understand and retain new information. When you choose to study by only reading or listening, you will only remember a small percentage of what you see and hear. However, when you *actively* review material, you can increase your understanding and increase the amount you remember.

#### What is an active study strategy?

An active study strategy asks you to manipulate words, symbols and ideas so that you can better understand and remember new information. Below are examples of passive strategies that students often choose and active strategies that are more effective for learning new information.

Material to Study	Passive Study Strategy	Active Study Strategy
<u>Lecture notes</u>	Re-read notes	<i>Identify main points in notes and explain in your own words</i>
<u>Assigned texts and articles</u>	Simply read the material	<i>Change chapter headings into questions and look for answers as you read</i>
<u>Assigned problems and exercises</u>	Try to solve while looking at class examples	<i>Try to solve on your own first and then look at class examples</i>
<u>Power point slides</u>	If possible, print out and read over	<i>Print out, write possible test questions in margin, and quiz yourself on slide info</i>
<u>Lab reports</u>	Re-read answers	<i>Go to lab and quiz yourself while looking at models/materials</i>

#### Why are active study strategies more effective?

Passive study strategies may take less time and feel easier. But active strategies are more effective and efficient because they help you move information into your long-term memory more quickly. Research shows that students with higher performance scores may not study longer than their counterparts, but they are likely to study differently by using active review

## How do you choose effective study strategies for a specific class?

Determining effective study practices will depend upon the type of class, the instructor’s approach to the class, and the material(s) used in the class. First, consider the information and/or skills you will need to learn to be successful in this class. To do this, look over the class learning objectives, note what is on study guides, and identify main topics from texts and lectures.

Then choose study strategies that force you to manipulate information actively. Find ways to put information into your own words, find relationships between ideas, and illustrate concepts with examples. Finally, whenever possible, choose strategies that make you practice in the format of your upcoming tests and assignments. For example, to study for essay exams, brainstorm possible questions and practice outlining your answers.

## What active study strategies will you try?

Using the chart below, circle the active strategies you will try and add your own ideas in the space provided.

Material to Study	How I could study actively
<u>Lecture notes</u>	<ul style="list-style-type: none"> <li>▪ Create charts and diagrams that chunk related information</li> <li>▪ Identify important information from notes and have a study partner quiz me</li> <li>▪</li> </ul>
<u>Assigned texts and articles</u>	<ul style="list-style-type: none"> <li>▪ Before reading, think about what I want to learn from this text and underline key information as I find it</li> <li>▪ After reading a few pages, stop and summarize what I learned in three sentences</li> <li>▪</li> </ul>
<u>Assigned problems and exercises</u>	<ul style="list-style-type: none"> <li>▪ Try to complete problems on my own and then meet with a classmate to work challenging problems together</li> <li>▪</li> </ul>
<u>Power point slides</u>	<ul style="list-style-type: none"> <li>▪ Print slides before class (3 per page) and take notes on slide handout</li> <li>▪ Create flash cards from key terms on slides</li> <li>▪</li> </ul>
<u>Lab reports</u>	<ul style="list-style-type: none"> <li>▪ Re-create diagrams (leaving out labels and terms) and then practice filling in the information.</li> <li>▪</li> </ul>