

SELF-STUDY ASSIGNMENTS USING THE QUANTUM TUTORS

The Quantum Tutors will help you understand the accounting cycle, core topics that will help you be successful in this course. Topics include Transaction Analysis, Adjusting Entries and Financial Statement Preparation. Because the Quantum Tutors are proven in research studies to improve test scores by at least a full letter grade, using this software is well worth your study time. Here's why:

Receive Step-by-Step Feedback on Your Own Work

Because no two students learn alike, Quantum explains *why* your answers are right or wrong with individual, step-by-step feedback on your own work so you can quickly learn from your errors and not repeat them at test time.

Get Immediate Answers to Your Questions Day or Night

Now you don't have to wait until the next day to ask your instructor a question or be embarrassed to ask questions during class. With Quantum, you can ask as many questions as you like before, during and after entering your work or attempting to solve a problem.

Reduce Study Time and Target Your Practice Where You Need the Most Help

While using Quantum, you can pinpoint areas where you are the weakest and receive additional practice as needed. When you need more help, the software offers similar concepts and problems for you to work on to improve using "Targeted Practice".

To help you get the most out of the Quantum Tutors, we have included self-study assignments by topic (starting on page 2). **These assignments are based on scientific research from other students just like you that have used the software to achieve the greatest improvement in the shortest amount of study time.**

Completing these assignments will help your instructor evaluate your understanding of key accounting concepts and assign credit based on the effort you put into practicing. Instructors have access to assessment reports that audit all of your tutoring sessions and show how well you understand the material after each assignment. Use the software just as if you were sitting down with your instructor one-on-one to practice problems. Don't worry if you make mistakes. The software will help you stay on track and give you step-by-step feedback. Just put forth your best effort and you'll see immediate results. **Within minutes, you'll realize that you CAN learn accounting.**

Let's get started! If you don't already have a student account, please visit www.quantumtutors.com to purchase a subscription to the Quantum Tutors for Accounting.

SELF-STUDY ASSIGNMENTS

TRANSACTION ANALYSIS

Learning Objective: The Transaction Analysis Tutor will help you understand the effect of various types of transactions on the accounting equation, the company's asset, liability and equity accounts, general journal and ledger.

Assignment 1

From the problem selection page for the Transaction Analysis Tutor, complete 3-5 **problems** of your choice, attempting all transactions for each problem including the accounting equation, accounting journal and accounting ledger.

Assignment 2

Based on scientific research of students using the Quantum Tutors, there are frequently missed transaction types that students struggle with the most (see below). From the problem selection page for the Transaction Analysis Tutor, use the "Targeted Practice" feature in the left column to complete each transaction type or other types as required by your instructor. Be sure to attempt 3-5 transactions for **each transaction type** (e.g. 3-5 transactions for Prepaid expenses) including the accounting equation, accounting journal and accounting ledger.

- Prepaid expense
- Incurred expenses on account
- Received payment in advance of services
- Received payment on account
- Paid cash for expenses
- Paid on accounts payable
- Purchased equipment with cash and credit

ADJUSTING ENTRIES

Learning Objective: The Adjusting Entries Tutor will help you understand accrual-based accounting. You will learn how to adjust balance sheet and income statement accounts in journal entry format and allocate income and expenditures to the period in which they were either earned or occurred.

Assignment 1

From the problem selection page for the Adjusting Entries Tutor, complete 3-5 **problems**, attempting all adjusting entries for each problem including the accounting equation, accounting journal and accounting ledger.

Assignment 2

Based on scientific research of students using the Quantum Tutors, there are frequently missed transaction types for adjusting entries that students struggle with the most (see below). From the problem selection page for the Transaction Analysis Tutor, use the "Targeted Practice" feature in the left column to complete each transaction type or other types as required by your instructor. Be sure to attempt 3-5 transactions for **each transaction type** (e.g. 3-5 transactions for Adjusting for deferred revenue) including the accounting equation, accounting journal and accounting ledger.

- Adjusting for deferred revenue
- Adjusting for accrued wages
- Adjusting for prepaid expenses used
- Adjusting for depreciation
- Adjusting for supplies used

FINANCIAL STATEMENT PREPARATION

Learning Objective: The Financial Statement Preparation Tutor will help you understand the trial balance and how to prepare the income statement, statement of retained earnings or statement of owner's equity and balance sheet.

Assignment 1

From the problem selection page for the Financial Statement Preparation Tutor, use the "Targeted Practice" feature in the left column to complete each of the following statements. Depending on what method your textbook uses, complete Corporation or Proprietorship:

Corporation:

- Trial Balance
- Income Statement
- Statement of Retained Earnings
- Statement of Stockholder's Equity
- Balance Sheet

-OR-

Proprietorship:

- Trial Balance
- Income Statement
- Statement of Owner's Equity
- Balance Sheet