

Algorithmic Homework: Accounting

What is Algorithmic Homework?

Algorithmic Homework is a collection of web-based, interactive homework exercises and additional practice questions that are customized for you by our specialist academic authors to complement your course and the way you teach it.

Algorithmic Homework offers:

- hundreds of engaging questions that focus on deep analysis and real-world application of the content you teach
- a large variety of question types, at varying levels of difficulty, to help students target their study
- tailored step-by-step solutions and detailed stand-alone feedback that students describe as like having a 24/7 personal tutor.

Assessment

Algorithmic Homework provides instructors with a centralized and automated assessment environment that offers:

- AntiCheat functionality to ensure students learn thoroughly, rather than mindlessly copying the work of their peers
- AutoGrade functionality to completely remove the workload of individually grading each student's work yourself
- Ongoing feedback to help students learn from their mistakes along the way.

Advantages of Perdisco Algorithmic Homework

- Questions contain algorithmic variables so that each student receives unique numeric values and cannot easily cheat
- Detailed, stand-alone feedback provided means that students don't need to refer to other sources, such as a textbook
- Inter and intra-dependent questions are used to reflect real-world problem solving situations
- Content is learning focused and does not easily reveal the correct answer
- Content is continually updated in response to feedback from instructors around the world who use our content
- Our in-house academic team customizes the content for you (for free) to match your course
- Academic and technical support is provided for instructors and students via email and toll-free telephone
- No downloads or plug-ins are required. A large range of web browsers is supported

Perdisco's e-learning content is created by an in-house team of specialist academic authors, editors, instructional designers and web developers and is subject to stringent academic and technical review. Content is customized by our in-house academic team to ensure that it closely matches the structure and learning objectives of your course.

Updates and modifications are made on an ongoing basis in response to feedback from instructors around the world who use our content in their day-to-day instruction.

AlgorithmicHomework: Accounting

Content

Perdisco's AlgorithmicHomework are independently developed to cover a number of academic approaches. We can customize an AlgorithmicHomework resource for you using any combination of the topics listed below:

Accounting for Decision Making

Introduction to accounting

- The role of accounting
- Users of accounting information
- Regulatory environment

Introduction to financial statements

- Defining assets, liabilities, equity, revenues, expenses and net income
- Classifying accounts as assets, liabilities, equity, revenues or expenses
- The accounting equation
- Characteristics of financial statements
- Introduction to the balance sheet
- Introduction to the income statement

Transaction analysis

- The principle of duality
- Recording transactions to start up a business
- Recording revenue and expense transactions
- Recording transactions that affect inventory
- Multiple transaction analysis

Balance sheet

- Transactions affecting the balance sheet
- Format, presentation and limitations of the balance sheet

Income statement

- Cash vs accrual accounting
- Transactions affecting the income statement
- Determining gross profit and net income
- Format and presentation of the income statement

Cash flow statement

- Purpose and format of the cash flow statement
- Operating, investing and financing cash flows
- Direct method of preparing the cash flow statement
- Indirect method of preparing the cash flow statement

Financial statement analysis

- Common sized statements
- Horizontal and vertical analysis
- Calculating ratios

Financial Accounting

Introduction to accounting

- The role of accounting
- The accounting equation
- Transaction analysis
- Introduction to the financial statements

Analyzing transactions

- Introducing debits and credits
- Journalizing transactions
- Posting to the ledger
- Unadjusted trial balance

Adjusting entries

- Cash and accrual accounting
- Introduction to adjusting entries
- Preparing adjusting entries for prepayments and accruals

Completing the accounting cycle

- The accounting cycle
- Preparing closing entries
- Adjusted and post-closing trial balance
- Preparing reversing entries

Inventory transactions

- Perpetual and periodic inventory systems
- Recording journal entries for inventory transactions
- Calculating cost of goods sold (periodic)
- Preparing closing entries for inventory

Measuring inventory

- Cost flow assumptions
- Specific identification, FIFO, LIFO, Average cost

Accounting information systems

For this section, you may select either of the following options to match your Perdisco practice set:

- Periodic inventory, no tax, reversing entries
- Perpetual inventory, no tax, no reversing entries

Plant assets

- Determining the cost of assets
- Depreciation concepts
- Calculating depreciation
- Subsequent expenditure
- Disposal and derecognition

Management accounting

Costing

- Direct and indirect costs
- Allocating overhead to a single product or service
- Determining costs in multi-product (multi-service) firms

CVP analysis

- Cost behavior: variable, fixed and mixed
- CVP graph
- Break-even analysis
- Net Income and CVP analysis
- Using CVP analysis in decision making

Budgeting

- The budgeting process and the master budget
- Budgeted financial statements

Capital investment decisions

- The nature of capital investment decisions
- Time value of money
- Accounting rate of return
- Payback period
- Net present value
- Internal rate of return

Relevant costs and decision making

- Relevant costs and opportunity costs
- Incremental/differential analysis
- Special pricing/special order decisions
- Make or buy decisions