

Work Area 6 Bookkeeping , Accounting and Financial Transactions

3.9 PERFORM MORE COMPLEX/ ACCOUNTING/ FINANCIAL TRANSACTIONS

- LO62: Demonstrate ability to operate customer and supplier accounts manually or using an electronic accounting system that conforms to national norms and procedures
- LO63: Demonstrate ability to describe the basic concepts of accounting (for example Debit and Creditentries)



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Module Details

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Work Area Code:	6
Work area title:	Bookkeeping, Accounting and Financial Transactions
Unit Code:	3.9
Unit Title:	Bookkeeping and Financial Transactions
Learning Outcomes Nos:	LO62, LO63
Learning Outcomes titles:	 Demonstrate ability to operate customer and supplier accounts manually or using an electronic accounting system that conforms to national norms and procedures Demonstrate ability to describe the basic concepts of accounting (for example Debit and Creditentries)
Recommended Duration:	7 hours
Trainer:	



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Introductory discussion

24 hour Recall

Take 10 minutes and write down everything you have spent the last 24hours. EVERYCENTOFIT!

After that introduce your selfand:

- Share the outcome with the group (don't have to share financial details if you don't want)
- Wasit difficult to recalleverything?
- Were you aware of the amount before writing it down.
- Could this be helpful for organizing your financial ?

Group discussion



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Introduction to the basic concepts of Accounting

What is accounting?

- Accounting is an information system that provides quantitative, financial information to stakeholders about the economic activities and condition of a business in order for them to make economic/business decisions.

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 Accounting is the language of Business and its main goal is to measure EconomicActivity



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Introduction to basic Concepts of Accounting

How can Accounting help you?

- Help you prepare a budget and keep on target.
- Realize how much cash you have and if there is enough to pay bills.
- Uncover places where costs can be cut.





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Introduction to the basic concepts of Accounting

Objectives of Accounting

- To report the financial condition of a business at a point in time.
- To report changes in the financial condition of a business over a period of time.
- First, re
- cord the economic events affecting abusiness.
- Second, summarize the impact of these events in a report called financial statements.
- Generally Accepted Accounting Principles (GAAP)



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What is an Account?

An account is a list of business transactions falling under the same description for a given period of time. Asystematic and summarized record of business transactions with respect to person, property, loss, gain, income, expense is known as account. An account is generally prepared for one complete year. The word Account in abbreviation, can be written as A/c. Accounts are prepared and maintained in the ledger. Separate ledger sheet or page is used for each account.



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Credit and debit

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Debits and Credits : A debit is an accounting entry that either increases an asset or expense account, or decreases a liability or equity account. Acredit is an accounting entry that either increases a liability or equity account, or decreases an asset or expense account.





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Reconciling an account

 Reconciling an account often means proving or documenting that an account balance is correct. For example, we reconcile the balance in the general ledger account Cash in Checking to the balance shown on the bank statement. The objective is to report the correct amount in the general ledger account Cash in Checking.



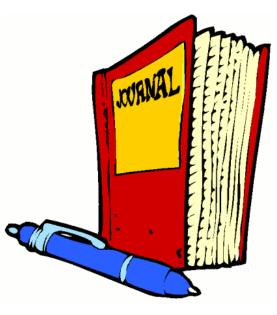
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Accounting journals

- Ajournal is a record of financial transactions in order by date.
- The book of original entry.
- Manual systems usually had a variety of journals such as a sales journal, purchases journal, cash receipts journal, cash disbursements journal, and a general journal.



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- In manual accounting or bookkeeping systems, business transactions are first recorded in a journal
- Amanual journal entry that is recorded in a company's general journal will consist of the following:
 - the appropriate date
 - the amount(s) and account(s) that will be debited
 - the amount(s) and account(s) that will be credited
 - a short description/memo
 - a reference such as a check number



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Introduction to the basic processes of Accounting

- Entering invoices or credit notes
 - Invoice entry is the first procedure you perform to initiate a vendor payment. Depending on your business needs, you can enter just a few pieces of required information for an invoice, or enter a wide variety of optional information. This procedure describes the process for entering expense invoices.
 - Acredit note is used to reverse or correct an invoice. It reverses all of the operations that the invoice performs. A credit note can only be initiated for an invoice, not a payment.
 - Occasions when you may need to enter a credit note include reversing a creditor's invoice, making a prompt payment discount or offering a special price reduction.



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Introduction to the basic processes of Accounting

Recording payments

- The entry on the table shows how a €1,000 sale may be recorded. The journal entry shows a €1,000 debit to accounts receivable and a €1,000 credit to sales revenue. To record a €1,000 sale a credit sale the journal entry needs to show *both* the €1,000 increase in accounts receivable and the €1,000 increase in sales revenue.
- When the business receives payment from the customer for the €1,000 receivable, the business records a journal entry like that shown.

Recording a Credit Sale			
Account	Debit	Credit	
Accounts receivable	1,000		
Sales revenue		1,000	



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Statement

An <u>account statement</u> is a periodic summary of account activity with a beginning date and an ending date. The most commonly known are checking account statements, usually provided monthly, and brokerage account statements, which are provided monthly or quarterly.

Tip: In the case the records of the accounts are properly maintained then it is quite easy to prepare the statement according

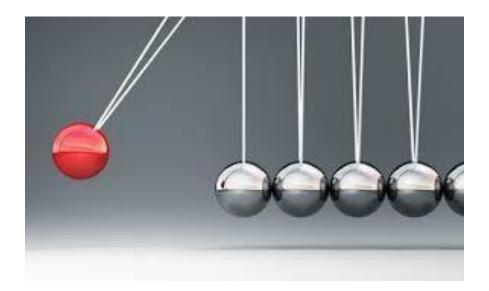
to the required dates.



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Statement

 The statement shows the impact that the operations of the business had on its finance for the time interval that the statement is prepared for.





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Suppliers' accounts

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- If you want to buy from your suppliers on credit and monitor your business relationship with them you need a supplier account for them. The supplier account usually contains:
- The supplier's name, address and a contact's details.
- The currency in which they conduct their business.
- Your credit limit with them.
- Their bank account details.
- The country in which they are based and the VAT code.



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What is a single entry Bookkeeping

The Single entry system is an "informal" accounting/bookkeeping system where the user of this system makes only one aspect (Debit/Credit) to enter a business financial transaction.

- Asingle entry system for example may be used to balance a check book where or entry is made for each deposit or cheque written.
- Every Expense entry (ie, payment) is deducted for the balance
- Every Income entry (i.e. deposit is added to the balance)



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Example of a single entry Bookkeeping

Balancing a Check book by simple Entry System

Payment (Expense entry)	
ATM Bank Muchine D-Deposit IC-Debit Card PC-Home Banking PP-Pre-Authoriza ment TD-Tax Deducts CHECK DATE DESCRIPTION OF TRANSACTION WITH DEBAUL H T NITH 12.91 2/12 Clothing store 48 12 251 88 2/14 Deposit 12.90 3771 88 2/29 Interest 1 29 373 17	Deposit and interest (Income Entry)
Balance of Account	



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Book columns

- Date This is the date of the transaction that is written on the invoice or Credit note
- **Description** Abrief description of the transaction. You can put whatever information you feel necessary, but don't overdoit!
- **Reference** You can basically choose whatever reference will help you identify the transaction. Some people use the invoice numbers, or the initials of the type of payment transaction (like DCfor Direct Credit).
- Income and Expenses Simply insert the value of the transaction into the appropriate column... is it money coming in to the business or money going out of the business?
 You could change the headings to 'Money In' and 'Money Out' if you prefer.
- **Bank/Balance** This is a running balance column that changes each time a transaction is entered. Add the income, subtract the expenses.



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Single entry bookkeeping for businesses

Simple entry bookkeeping is not advisable for businesses.

However it is possible for a business to operate with the single entry bookkeeping system if the **business is new** or the **business transactions are low in volume** and uncomplicated



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Example of a single entry for businesses

Date	Description	Ref	Income	Expenses	Bank Balance	
1-Apr	Balance b/f				200.00	R
4-Apr	Folders and pens	1		15.00	185.00	R
15-Apr	Sale: Ms E Inkson	2	54.00		239.00	R
18-Apr	Sale: Mr R. U Redy	3	30.00		269.00	R
19-Apr	Drawings	4		10.00	259.00	R
21-Apr	Envelopes & Stamps	5		20.00	239.00	R
24-Apr	Web host fees	6		40.00	199.00	R
27-Apr	Simply Chairs: Chair	2		127.00	72.00	
29-Дрг	Sale: Mr J Mighty	8	30.00		102.00	R
30-Apr	Bank Fee	9		2.50	99.50	R
30-Apr	Sale: Ms T Real	10	54.00		153.50	
	Totals		168.00	214.50	153.50	C/F

BANK RECONCILIATION		
Cash Book Balance	153.50	
Add: Unpresented check	127.00	
Subtotal	280.50	
Less: Deposit not yet showing	54.00	
Bank Statement Balance	226.50	



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Double Entry Bookkeeping

The <u>advisable</u> accounting system for Businesses is

Double entry Bookkeeping. Double-entry

bookkeeping is a practice that helps minimize

errors and increases the chance that your books

balance. This method gets its name because you

enter all transactions twice.



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Double entry Bookkeeping aspects

- Recognition of two aspects. The double-entry bookkeeping recognizes that every transaction has two aspects. It is based on the fact that a transaction is an exchange and every exchange involves either two things, or two persons, or a thing and a person
- The double-entry book-keeping system provides the two aspects of the transaction with the names 'debit' and 'credit'. For example, the benefit receiver is given the name 'debit' and the benefit giver is given 'credit'. Thus, for each transaction, one aspect is debited and another aspect is credited.

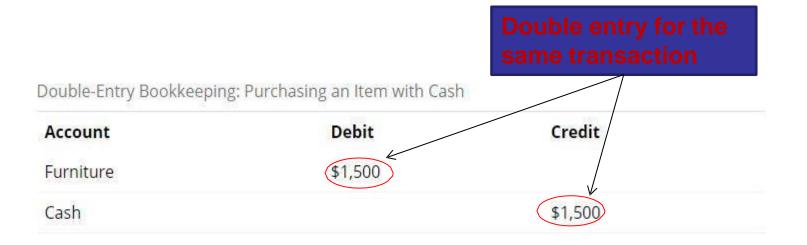


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Double entry Bookkeeping aspects

 The double-entry book-keeping system records two-fold or double effect of every transaction. This implies that the two aspects of a transaction are recorded on two opposite sides of two separate accounts.

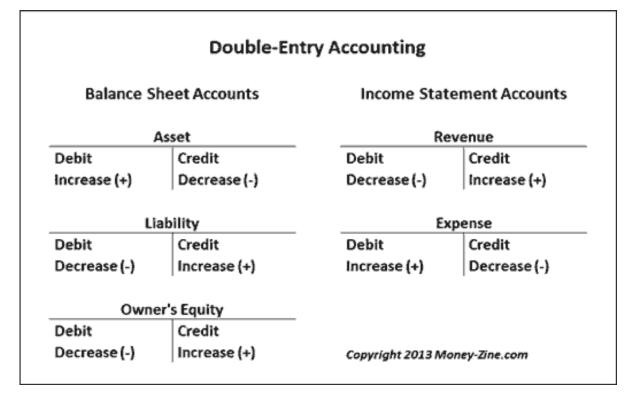




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Double entry Bookkeeping





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Manual Vs Computerized Accounting

Manual Accounting

Amanual accounting system requires the acting accountant or bookkeeper to post business transactions to the general journal, general ledger and worksheet by hand. Thisprocess can be completed by either using actual paper journal and ledger sheets or by creating these sheets in a computer program such as Excel. It is considered manual because each transaction is entered into

the system individually.



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Manual Vs Computerized Accounting

Computerized Accounting

- A computerized accounting system allows the user to enter the transaction into the program once, and all accounts are updated as necessary.
- For example, if your business buys 1,000 € worth of office supplies with a combination of 500 € cash and 500 € credit, instead of going to each accounting and posting the transaction, with a computerized system you would check office supplies, cash and the selected account payable account and the transactions automatically would post to the accounts.



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Manual Vs Computerized Accounting

Advantages of computerized accounting

- <u>Speed and Accuracy</u>: Computerized accounting programs are quicker as far as entering information is concerned.
- <u>End-of-Period Reports</u>: Computerized accounting packages will automatically pull all relevant ledger entries for the period reports.
- <u>Data Manipulation</u>: With a computerized accounting system, information for a particular period of time can be compiled quickly.



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- Accrual: The meaning of accrual is something that becomes due especially an amount of money that is yet to be paid or received at the end of the accounting period.
 - Realisation: This concept states that revenue from any business transaction should be included in the accounting records only when it is realised.
 - Objective Evidence: every financial entry should be supported by some objective evidence (ie. purchase bills, sale bills, bank statements etc.)





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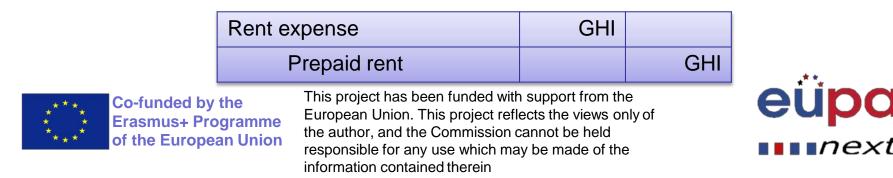


Accruals, example

An accounting firm obtained its office on rent and paid €120,000 on January 1 as annual rent. It does not record the payment as an expense because the building is not yet used. Instead it records the cash payment as prepaid rent (which is a current asset):

Prepaid rent	DEF	
Bank		DEF

The firm recognizes rent expense over the period. For example, in preparing its quarterly income statement on March 31, the firm expenses out three months' rent i.e. $30,00 \ (= \ 120,000/12 \times 3]$ because 3 months equivalent of time has expired (from 1 January till 31 March).



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- Accounting methods once adopted must be applied consistently in future.
- Same methods and techniques must be used for similar situations.
- Abusiness must refrain from changing its accounting policy unless on reasonable grounds.
- Consistency concept is important because of the need for comparability





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Prudence

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- Accounting transactions and other events are sometimes uncertain but in order to be relevant we have to report them in time.
- We have to make estimates requiring judgment to counter the uncertainty.
- While making judgment we need to be cautious and prudent.
- Prudence is a key accounting principle which makes sure that assets and income are not overstated and liabilities and expenses are not understated.



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Accounting equation

 Basic Accounting Concepts, Accounting Equation







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Accounting equation

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- The accounting equation displays that all assets are either financed by borrowing money or paying with the money of the company's shareholders.
- Assets = Liabilities + Shareholder Equity.
- Any purchase or sale by an accounting equity has an equal effect on both sides of the equation, or offsetting effects on the same side of the equation. The accounting equation could also be written as Liabilities = Assets – Shareholder Equity and Shareholder Equity =Assets – Liabilities.





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- Assets are as resources or things of value that are ownedby a company.
- Prepaid expenses are also reported as an asset.
- A company may state that its employees are its most valuable asset.
- The accountant's definition of an asset has to be somewhat complicated in order to:
- include prepaid expenses, deferred costs, and certain deferred income taxes, and
- exclude a company's talented team, the patents and trademarks that were developed internally, and its image and reputation for excellence at a fair price.





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- Aliability is an obligation and it is reported on a company's balance sheet.
- A common example of a liability is accounts payable.
 Accounts payable arise when a company purchases goods or services on credit from asupplier.
- Liabilities are also part of the accounting equation:
 Assets = Liabilities + Stockholders' Equity.
- Liabilities are often viewed as claims on a company's assets.
- Can also be thought of as a source of a company's assets.





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Depreciation

- Depreciation is the transfer of a portion of the asset's cost from the balance sheet to the income statement during each year of the asset's life.
- The calculation and reporting of depreciation is based upon two accounting principles:
- Cost principle requires that the Depreciation Expense reported on the income statement, and the asset amount that is reported on the balance sheet, should be based on the historical (original) cost of the asset.
- Matching principle requires that the asset's cost be allocated to Depreciation Expense over the life of the asset. In effect the cost of the asset is divided up with some of the cost being reported on each of the income statements issued during the life of the asset.



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Income statement (profit and loss statement)

- Afinancial statement that reports a company's financial performance over a specific accounting period.
- Financial performance is assessed by giving a summary of how the business incurs its revenues and expenses through both operating and non-operating activities. It also shows the net profit or loss incurred over a specific accounting period.
- Also known as the profit and loss statement or statement of revenue and expense



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Revenue or Income Account

<u>Revenue or Income Account</u>: represents the company's gross income before expenses are deducted. This account simple shows what the business has earned.
 The amount is enter here, and is <u>added</u> to the balance.

	1					
Date	Description	Ref	Income	Expenses	Bank Balance	
1-Apr	Balance b/f				200.00	R
4-Apr	Folders and pens	1		15.00	185.00	R
15-Apr	Sale: Ms E Inkson	2	54.00		239.00	R
18-Apr	Sale: Mr R. U Redy	3	30.00		269.00	R
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30-Apr	Bank Fee	9		2.50	99.50	R
30-Apr	Sale: Ms T Real	10	54.00		153.50	
	Totals		168.00	214.50	153.50	C/F

BANK RECONCILIATION				
Cash Book Balance	153.50			
Add: Unpresented check	127.00			
Subtotal	280.50			
Less: Deposit not yet showing	54.00			
Bank Statement Balance	226.50			



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Expense or Cost Account

 Expense or Cost Account: represents the company's expenditures to enable itself to operate. The amount is entered here and is <u>deducted</u> from the balance

Date	Description	Ref	Income	Expenses	Bank Balance	
1-Apr	Balance b/f				200.00	R
4-Apr	Folders and pens	1		15.00	185.00	R
15-Apr	Sale: Ms E Inkson	2	54.00		239.00	R
18-Apr	Sale: Mr R. U Redy	3	30.00		269.00	R
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Balance sheet

- Abalance sheet is a financial statement that summarizes a company's assets, liabilities and shareholders' equity at a specific point in time. These three balance sheet segments give investors an idea as to what the company owns and owes, as well as the amount invested by shareholders.
- The balance sheet adheres to the following formula:
- Assets = Liabilities + Shareholders' Equity



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Statement of retained earnings

- Afinancial statement outlining the changes in retained earnings for a specified period.
- The statement is prepared in accordance with generally accepted accounting principles (GAAP). It reconciles the beginning and ending retained earnings for the period, using information such as net income from the other financial statements.



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Cashflow statement

- The cash flow statement (CFS) records the amount of cash and cash equivalents entering and leaving a company.
- The CFSallows investors to understand how a company's operations are running, where its money is coming from, and how it is being spent.
- The cash flow statement is distinct from the income statement and balance sheet because it does not include the amount of future incoming and outgoing cash that has been recorded on credit.





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Methodological root



Multiple choice

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Methodological tool



- Why is Bookkeeping Essential for business?
- What are credit and debit notes?
- Which are the differences between double and single entry bookkeeping?
- What is a balance sheet?
- What are the processes and procedures of financial reporting?



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Bookkeeping

- Introduction to Accounting
- Single entry bookkeeping
- Double entry bookkeeping
- Financial reporting
 - Accruals
 - Accounting equation
 - Depreciation
 - Assets
 - Liabilities

- Statements



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Well Done!

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