

DR. D. Y. PATIL VIDYAPEETH

PIMPRI, PUNE - 411 018

GLOBAL BUSINESS SCHOOL AND RESEARCH CENTRE

TATHAWADE, PUNE

SYLLABUS FOR

BACHELOR OF COMMERCE (HONORS)

(B.COM HONORS)

Academic Year 2023-24



About Global Business School & Research Centre

Global Business School & Research Centre (GBSRC) situated at Tathawade, Pune is the flagship Institute of Dr. D Y Patil Vidyapeeth, Pune. It was established in 2006. In a span of 16 years, the Institute has carved a name for itself among the top business schools in the country.

The idea of setting up this Institute is to offer 'Commerce and Management Education' to aspiring leaders of tomorrow. From this Institute, students can pursue their under graduation, post-graduation and Ph.D programs in commerce and management. GBSRC offers 2 years full time MBA program which is approved by AICTE, Government of India, New Delhi. It also offers 4 years full-time BBA Honors program, 4 years full-time B. Com Honors program, and a Ph.D programme in management.

The main mission of DPU is to groom students who can turn into intelligent leaders. After they pass out from the Institute, they in turn will be able to source information from diverse resources and administer it for the benefit of business and society at large.

Bachelor of Commerce, B Com (Hons.) at GBSRC is one of the top commerce course in Pune. It is a full-time undergraduate commerce programme, approved by University Grant Commission (UGC), and offered by Dr. D. Y. Patil Vidyapeeth (Deemed-to-be-university).

The B Com (Hons) programme at GBSRC raising a platform to develop a positive attitude and increase in overall performance of the student. It is amongst the most preferred commerce colleges amongst India and Pune for its culture, academic rigor, and overall development of a student inculcating administrative ability, critical thinking, logical reasoning aspects, decision making ability, and the aptitude.

The teaching-learning process at GBSRC focuses and practices various methods including Case Study competitions, national and international business plan competitions, internships, presentations, projects, industry interface, guest lectures and workshops which enlist GBSRC among the best commerce colleges in India. Students are also an integral part of national immersion programmes to contribute to society through CSR activities.

The B Com programme at DPU GBSRC covers all aspects of commerce, business, finance and management. The curriculum covers theory, project work, problems solving skills and critical thinking needed by professionals in today's business world. It is designed by Industry experts and academicians. The programme helps the students to achieve corporate goals. By the end of the programme a students will be able to exhibit strong business orientation and knowledge, execute ethical practices and demonstrate adequate high-end skills.



This programme is designed to cater the changing needs of the corporate world and to gain excellence, making the students well versed with the concepts of Accounting, Management, Economics, and Taxation etc.

Students have the flexibility to choose their specialization from a bouquet of 04 specializations. To offer any of the following specialization minimum 10 students are required to be enrolled for the specific specialization.

The 04 specializations are listed below.

Available specializations

1) (Cost &	Works	Accounting	(A)
------	--------	-------	------------	-----

- 2) Banking & Finance (B)
- 3) Business Administration (C)
- 4) Marketing Management (D)



BACHELOR OF COMMERCE (B. Com Honors) PROGRAM STRUCTURE (CBCS Pattern) From Academic Year 2023- 24 onwards

	Semester I							
Sr. No.		Course Code	Course Name	Type	Credits	Int. marks	Ext marks	Total marks
_	1	BC101	Financial Accounting I	DSC	3	50	50	100
sory	2	BC102	Business Economics I (Micro)	DSC	3	50	50	100
lpul	3	BC103	Business & Technology I	DSC	3	50	50	100
Compulsory	4	BC104	Management Accounting	DSC	3	50	50	100
	5	BC105	Business Mathematics	MDC-1	4	50	50	100
		BC106A	Basics of Cost Accounting			10		
tive		BC106B	Indian Banking System	DSE	2	50	50	100
Elective	6	BC106C	Principles of Management	(Any 1)	3	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
		BC106D	Principles of Marketing		1			
	7 BC107 Soft Skills		SEC-1	2	50	50	100	
8 BC108 Physical Fitness (Yoga/ Zumba/Physical Training) Any 1		VAC-1	1	NA	NA	NA		
	Total Credits 22 350 350 700							



The Pattern of Examination: The 'Evaluation Scheme' comprises of

A) Continuous Internal Evaluation

B) University (External) Evaluation

The 'Assessment and Evaluation Scheme' is as follows: -

Sr. No.	Course	Continuous Internal Evaluation A	University Evaluation B
1	3 Credits & Above	50%	50%
2	2 Credits	50%	50%
3	2 Credits	100%	No Evaluation
4	1 Credit	No Evaluation	No Evaluation

Note: 1) Refer Program Structure for better understanding of which 2 credit courses have both internal & external evaluation, only internal evaluation or NO evaluation.

2) ONE credit is equivalent to approximately 15 contact hours.

A) Internal & External Evaluation scheme:

Internal / External	Particulars	No. of Evaluations	Marks Out of	Passing	% (Weightage)
	1) Mid Term Examination	1 for each Semester	20 marks per course		
Continuous Internal Evaluations	2) Any one activity best suit to evaluate the subject Performance from the Category 1*	1 Per Course Per Semester	15 marks per course per activity Minimum		
(Out of 100 Marks to be converted into 50 marks)	3) Any one activity best suit to evaluate the subject Performance from the Category 2*	1 Per Course Per Semester	15 marks per course per activity	40%	50%
	4) Term End Examination	1 for each Semester	50 marks per course		
External Evaluation	5) University Examination	1 per course for each Semester	50 marks per course	Minimum 40%	50%
			100 Marks		100%

*Category 1: Any one activity best suit to evaluate the subject Performance from the list below:

- a) Assignment
- b) Open Book Test
- c) Group Discussion
- d) Subject Specific MCQ Test/Quiz
- e) Poster Making/Model Making
- f) Movie /Newspaper Article/Book/Research Article Review
- g) Debate/Elocution
- h) Presentations



*Category 2: Any one activity best suit to evaluate the subject Performance from the list below:

- a) Project Based Activity
 - 1. Live Project/Desk Project
 - 2. On field visit/Survey report
 - 3. Study Tour/Industrial Visit report
 - 4. Preparing Business Plan / Research Report/ Environmental Projects
- b) Case study/Case let classroom discussion or Case report
- c) Simulation/demonstration/ Role Play
- d) Research Paper writing, presentations
- e) Subject based Viva
- f) Podcast/Academic Blog/Digital Stories

B) University (External) Examination:

Sr. No.	Evaluation Particulars	Schedule	Examination Weightage Passing
1	University Examination	At the end of the respective Semester	50% 40 %

Passing Criteria: The passing criteria comprise of the following:

Passing Marks: The student should score 40% marks in internal evaluation and 40% marks in external evaluation to pass a particular course.

If the student fails in Semester I and Semester II, such students are NOT allowed to take the admission for 3rd year.





GRADUATE ATTRIBUTES

Management Graduates are expected to have the following attributes:

- **1.** Professional with comprehensive knowledge of Management Sciences and competence in business sustainability, profitability, entrepreneurship and commercializing new business/products.
- **2.** Problem solver with critical thinking and decision-making skills to identify, analyze and solve complex business problems.
- 3. Effective communicator with professional colleagues and society at large.
- **4.** Researcher with ability to conduct management research of highest standards and make significant contribution to innovative management practices.
- **5.** Ethical and professional in conduct of research and accountability towards community and profession.
- **6.** Leader who works in teams, exhibits leadership qualities, soft skills and technical skills to enhance business performance, including multidisciplinary settings.
- **7.** Socially responsive with ability to recognize and respond to community problems and need for improving management practices, particularly healthcare/agricultural/corporate sectors.
- **8.** Action oriented and active contributor to environment conservation and sustainability practice through innovation and best practices.
- **9.** Lifelong learner who learns new knowledge and skills in a continuous self directed manner and as per need of the time.

PROGRAMME OUTCOMES (POs)

The management graduates will be able to:

POs	Attributes	Statement/Definition				
1	Knowledge and	Acquire managerial knowledge and skills for effective decision				
	Skills	making.				



POs	Attributes	Statement/Definition
2	Planning and Problem-Solving abilities	Exercise planning for accomplishing organizational goals and develop problem solving abilities in the functional areas of management.
3	Communication	Develop effective business communication with the use of advanced technology.
4	Research Aptitude	Develop research aptitude for developing solutions to business problems.
5	Professionalism	Acquire professional approaches and understand ethical
	and Ethics	responsibilities in business organizations.
6	Leadership	Demonstrate leadership qualities that maximize the use of diverse
	Leadership	skills of team members towards attainment of the goals.
7	Societal	Learn and accept social responsibilities and working for the welfare of
,	Responsibilities	the society at large.
8	Environment and	Understand the effect of organizational interventions in environmental
8	Sustainability	contexts and the acquaintance for sustainable development.
9	Lifelong Learner	Engage in life-long learning in order to upgrade self-knowledge, skills
7	Lifelong Learner	and experience for enhancement of outcomes.

PROGRAM SPECIFIC OUTCOMES (PSOs)

The management gratuates will be able to:

PSOs	Attributes	Statement/Definition
		Demonstrate proficiency in specialized areas of management such as
	O_{γ}	a) Cost & Works Accounting
1	Proficiency	b) Banking & Finance
	7	c) Business Administration
		d) Marketing Management
		Inculcate the ability for acquisition of multidisciplinary knowledge
2	Multidisciplinary	through simulated problems, case studies, projects-based learnings,
2	Knowledge	internships, corporate sessions, seminars, conferences and choice
		based credit system.



Index

Sr. No.	Subject Code	Title of the subjects	Page No.		
	Semester I				
1	BC101	Financial Accounting I	11		
2	BC102	Business Economics I (Micro)	13		
3	BC103	Business & Technology I	15		
4	BC104	Management Accounting	17		
5	BC105	Business Mathematics	19		
6	BC106A	Basics of Cost Accounting	21		
7	BC106B	Indian Banking System	23		
8	BC106C	Principles of Management	24		
9	BC106D	Principles of Marketing	26		
10	BC107	Soft Skills	28		
		Physical Fitness (Yoga)	30		
11	BC108 (Any 1)	Physical Fitness (Zumba)	31		
		Physical Fitness (Physical Training)	32		



GLOBAL BUSINESS SCHOOL AND RESEARCH CENTRE DR. D. Y. PATIL VIDYAPEETH, PUNE

(Accredited (3rd Cycle) by NAAC with a CGPA of 3.64 on four point scale at 'A++' grade) (An ISO 9001:2015 & 14001 :2015 Certified University)

Name of the Programme: B.COM

Name of Semester: SEMESTER I



Programme: B. Com (Honors) CBCS Syllabus w.e.f. Academic Year 2023-24				
Semester	Course Code Course Title			
I	BC101	Financial Accounting- I		
Type of Course	Credits	Evaluation Marks		
DSC	03	IE (50) + UE (50)	100	
Course Objectives:				

- The syllabus for Financial Accounting introduces the fundamentals of the regulatory framework relating to accounts preparation and qualitative characteristics of useful information.
- The syllabus then covers drafting financial statements and the principles of accounts preparation, recording, processing, and reporting business transactions and events.

Course Outcomes:

CO No.	Blooms Level	Course Outcomes
101.1	Remembering	Define the basic principles of financial accounting for different types of organizations.
101.2	Understanding	Explain the underlying concepts relating to financial accounting
101.3	Applying	Demonstrate a complete overview of how IFRS standards are developed and impart the skills to apply the IFRS standards.
101.4	Analyzing	Analyze double-entry accounting to prepare & present various financial statements
101.5	Evaluating Evaluate the accounting process of amortization of intangible assets.	
		Develop standalone financial statements and consolidated financial statements based on IFRS

	oused on It Ro		
Unit No.	Sub-unit	Skills/Competencies	L+T+P
I	Financial reporting, identify, and define types of business	Developing	8+1
Introduction to	entities, identify users of the financial statements and their	underlying concepts	
Financial	needs, identify the purpose of the financial statements, and	relating to financial	
Accounting	components of financial statements, and define the elements	accounting	
	of financial statements i.e., asset, liability, equity, income &		
	expenses.		
	Role of financial reporting regulatory systems, understand		
	the role of IFRS standards, explain the concept of corporate		
	governance, and discuss the duties and responsibilities of		
	company directors		
II	Concepts of relevance, faithful presentation, materiality,	Ability to understand	8+1
Qualitative	substance over form, going concerned, business entity,	different concepts	
characteristics	accruals, consistency, comparability, verifiability,	and Conventions in	
of financial	understandability, and timeliness.	Accounting	
statements and	Prime books and subsidiary books, main data sources for		
accounting	accounting, understanding different business documents		
records	e.g., sales order, purchase order, goods received a note,		
	quotation, goods dispatched note, invoice, credit & debit		
	notes, receipt, remittance advice, cash vouchers		
III	Main forms of business transactions and source documents,	Ability to understand	8+1
Double-entry	identify, and explain the main forms of accounting records,	the importance of	
bookkeeping,	and understand and apply concepts of duality, double entry,	business transactions	
recording of	and the accounting equation.	and main forms of	
transactions,	Record sales, purchases, returns, discounts, and sales tax,	accounting records	
and ledger	and understand the concept of inventory valuation, and		
preparation	other methods to ascertain the cost of inventory.		
	Use of journals and the posting of journals into ledger		
	accounts and learn to balance and close a ledger account		



Unit No.	Sub-unit	Skills/Competencies	L+T+P
IV	Non-current assets, explain, and discuss the difference	Ability to understand	8+1
Tangible and	between capital and revenue expenditure, explain the	the accounting	
Intangible	purpose of an asset register, prepare the ledger entries to	process of	
Assets	record the acquisition of non-current assets, and define and	amortization of	
	learn the accounting treatment of depreciation charges.	intangible assets	
	Ledger entries record the disposal of non-current assets,		
	record the profit and loss on disposal, record the revaluation		
	of non-current assets, and record the profit and loss on		
	disposal of the revalued asset.		
	Difference between tangible and intangible non-current		
	assets, define and explain the treatment of research cost and		
	development cost, understand the amounts to be capitalized		
	or expenses about research and development, and learn the		
	accounting process of amortization of intangible assets.	1	
V	Understand the application of matching concepts	Ability to understand	8+1
Accruals,	concerning accruals and prepayments, identify and learn the	the application of	
prepayments,	adjustments and record the appropriate adjustments.	matching concepts	
receivables, and	Understand, and explain the receivables, understand the	concerning accruals	
capital	purpose of aged receivables, and learn to record the	and prepayments	
structure and	irrecoverable debt and allowance for receivables		
finance cost	adjustments in the ledger accounts.		
	Understand the capital structure of a limited liability		
	company, record movements in share capital and share		
	premium, treatment of bonus issues, rights issues,		
	dividends, and income tax.		

KCICI CHCC	DOORS.			
Sr. No.	Name of the Author	Title of the Book	Year of Edition	Publisher
1		ACCA Kaplan Study		Kaplan Publications
2	Bhushan Kr Goyal, H N Tiwari	Financial Accounting	2022	Taxmann Publications
3	M. N Arora, K. V Achalapathi, S. Brinda	Financial Accounting	2022	Taxmann Publications
4	P. C Tulsian	Financial Accounting	2002	Pearson Publications
<u> </u>	S. N Maheshwari, Suneel K. Maheshwari,	Financial Accounting	2018	Vikas Publications



Programme: B. Com (Honors) CBCS Syllabus w.e.f. Academic Year 2023-24				
Semester Course Code Course Title				
I	BC102	Business Economics I (Micro)		
Type of Course	Credits	Evaluation Marks		
DSC	03	IE (50) + UE (50)	100	

Course Objectives:

- To gain knowledge of basic economic terms and concepts.
- To understand the usage of the various concepts and techniques
- To interpret the meaning of different business situations using economic concepts

Course Outcomes:

At the successful completion of the course, the learner will be able to

CO No.	Blooms Level	Course Outcomes
102.1	Remembering	State the basic concepts of Microeconomics
102.2	Understanding	Explain the meaning and context of the usage of microeconomic concepts
102.3	Applying	Demonstrate the usage of different concepts in various situations and conditions
102.4	Analyzing	Analyze the appropriateness of the usage of techniques of microeconomics
102.5	Evaluating	Evaluate the impact of microeconomic variables on business functioning
102.6	2.6 Creating	Formulate a probable solution to daily business situations using the concepts and
102.0	Creating	techniques learned

Unit No.	Sub-unit	Skills/Competencies	L+T+P	
I	Meaning, Scope, and Importance of Business	Developing managerial thinking	8+1	
Introduction	Economics, Concept of Microeconomics,	skills and cultivating business sense.		
and Concept	Household, Consumer, Firm, Plant, and			
	Industry, Economic and Non-Economic Goals			
II	Concept of Demand & Determinants of	Ability to understand different	8+1	
Demand and	Demand, Law of Demand and Supply,	approaches to management		
Supply	Elasticity of Demand, Income Elasticity of	philosophy and thinking		
	Demand, Concept of Supply, Equilibrium of			
	Demand and Supply			
III	Concept of Production Function, Economies	Ability to understand the importance	8+1	
Analysis of	and Diseconomies of Scale, Law of Variable	of functions of management and their		
Production	Proportions, Law of Utility	roles.		
IV	Cost Consent Types of Cost Cost Sheet Cost	Comprehend the importance of	8+1	
Cost and	Cost Concept, Types of Cost, Cost Sheet, Cost	functions of organizing and their		
Revenue	Curve, Concept of Total Cost, Revenue Cost,	roles & Ability to organize various		
	Variable Cost, Average, and Marginal Cost.	programs and events		
V	Marginal Productivity, Factors of Pricing in		8+1	
Pricing	Perfect and imperfect market conditions,	Awara of how hysiness is shonsing		
	Wages, types of wages, determinants of wages,	Aware of how business is changing		
	Pricing strategies for the domestic and global	and what themes are driving it		
	market			

Sr. No.	Name of the Author	Title of the Book	Year of Edition	Publisher
1	H.L. Ahuja	Principles of Microeconomics	2010	S. Chand, New Delhi
2	Mithani D M	Managerial Economics	2000	Himalaya Pub House
3	Dwivedi D	Microeconomics	2006	Pearson Education
		(Theory and Applications)		



Online Resources:

0	
Online Resource No.	
1	https://www.khanacademy.org/economics-finance-domain/microeconomics
2	https://langara.libguides.com/ECON/microeconomics
3	https://ocw.mit.edu/courses/14-01sc-principles-of-microeconomics-fall-2011/





Programme: B. Com (Honors) CBCS Syllabus w.e.f. Academic Year 2023-24				
Semester Course Code Course Title				
I	BC103	Business & Technology I		
Type of Course	Credits	Evaluation Marks		
DSC	03	IE (50) + UE (50) 100		

Course Objectives:

- To provide basic knowledge of business organizations, and how they are managed and controlled.
- To provide an overview of the factors affecting the organization and explain the best practices guidelines and codes of good corporate governance.
- To examine the structure and functions of business, focusing on corporate governance and the specific accounting-related roles in this process, particularly in financial reporting, assurance, control, and compliance.

Course Outcomes:

CO No.	Blooms Level	Course Outcomes
103.1	Remembering	Identify the different types of business organizations and their stakeholders
103.2	Understanding	Explain the factors that affect a business
103.3	Applying	Illustrate the roles and functions of departments within organizations
103.4	Analyzing	Analyze the ethical responsibilities of a business
103.5	Evaluating	Assess the relationship between accounting and other business functions
103.6	Creating	Develop strategies to prevent fraud and fraudulent behavior in business

TI MAI					
Unit No.	Sub-unit	Skills/Competencies	L+T+P		
I	The purpose and type of organization, the definition	Identify the business	8+1		
The business	of business organizations, common features of	organization, its types,			
organization and	business organizations, an Outline of how business	and its stakeholders.			
its stakeholders	organizations differ, and different types of business				
	organization.				
	Definition of stakeholders and the agency				
	relationship, internal, connected, and external				
	stakeholders, main stakeholder groups and the				
	objectives of each group, power, and influence of				
	various stakeholder groups.				
II	Political and legal factors affect business,	Understand the external	8+1		
The external	macroeconomic factors, microeconomic factors,	business environment			
environment	social and demographic factors, technological	and appreciate the			
	factors, environmental factors, and competitive	influence of it on			
	factors.	business organizations.			
III (The formal and informal business organization,	Analyze the business	8+1		
Business	business organizational structure and design, Roles	organizational structure,			
organization,	and functions of the main departments, the role of	functions, and			
structure,	marketing in an organization, organizational culture	governance.			
function, and	in business, Governance and social responsibility in				
governance	business, committees in business organizations				
IV	The relationship between accounting and other	Obtain an understanding	8+1		
Accounting and	business functions, accounting and finance functions	of the various functions			
reporting	within the business, Principles of law and regulation	in an organization and			
systems	governing accounting and audit, and the sources and	analyze the relationship			
	purpose of internal and external financial	between them.			
	information, provided by business.				
V	Financial systems, procedures, and related IT	Recognize the various	8+1		
Technology,	applications -internal controls, authorization,	technologies in finance,			
Compliance, and	security, and compliance within the business, Fraud	-			



Unit No.	Sub-unit	Skills/Competencies	L+T+P
Control	and fraudulent behavior and their prevention in business, the impact of Financial Technology	control systems, and compliance aspects.	
	(Fintech) on accounting systems.		

	bici circe B odilbi				
Sr. No.	Name of the Author	Title of the Book	Year of Edition	Publisher	
1	ACCA	ACCA Study Material	2022	Kaplan	
2	ACCA	ACCA Study Material	2022	BPP	
3	Vasishth, Neeru	Business Organization	2013	Taxmann	
4	Thelma J. Talloo	Business Organization and Management	2007	Tata McGraw Hill Education	
5	P. C. Tulsian	Business Organization	2002	Pearson Education	



Programme: B. Com (Honors) CBCS Syllabus w.e.f. Academic Year 2023-24				
Semester	Semester Course Code Course Title			
I	BC104	Management Accounting		
Type of Course	Credits	Evaluation	Marks	
DSC	03	IE(50) + UE(50)	100	
0 011 41				

Course Objectives:

- To understand the principles of cost & management accounting for application to the management functions of planning, decision-making & control.
- To apply the cost accounting methods & techniques to various business contexts.

Course Outcomes:

(CO No.	Blooms Level	Course Outcomes		
	104.1	Remembering	Define the basic concepts and principles of cost and management accounting.		
	104.2	Understanding	Explain the accounting concepts for cost calculation		
	104.3	Applying	Demonstrate the skills required for different types of costs and cost accounting techniques		
	104.4	Analyzing	Analyze the methods of cost from the organization's perspective		
	104.5	Evaluating	Evaluate the various types of budgets in management		
	104.6	Creating	Develop strategies to improve financial performance measurement in an organization		

Timi4 Nic	Cub	Shi was 4				
Unit No.	Sub-unit Sub-unit	Skills/Competencies	L+T+P			
I	Sources of data (internal & external), the concept of cost,	Concept of cost, cost	8+1			
Information for	cost classification based on nature of expenses, function,	function, cost				
Management	variability, cost behavior with the use of graphs, the	behavior				
	concept of cost objects, cost units & cost centers, Data					
	analysis and statistical techniques					
II	Accounting for material costs, ordering, receiving &	Material cost, labor	8+1			
Accounting for	issuing material, methods of valuing purchases and issues	cost, FIFI, EOQ, and				
Costs- Material	(FIFO & Weighted Average methods only), EOQ,	related ratios				
& Labour	inventory levels, Accounting for labor, direct & indirect					
	cost of labor, remuneration methods (individual & group),					
	labor turnover, overtime & idle time, labor efficiency,					
	capacity & volume ratios					
III	Accounting for overheads, allocation of overheads to	Overheads and its	8+1			
Accounting for	production & nonproduction departments, apportioning	accounting,	011			
costs-	service overheads to production departments, production	allocation of				
Overheads	overhead absorption rates, entries for accounting of	overheads				
Overneaus	material, labor & overhead cost	Overneads				
IV		Tools, techniques,	8+1			
Methods of	Understanding of applying job & batch costing, Process costing (including joint products & by-products,	and methods of	0+1			
Costing	equivalent production), and service costing, understanding					
Costing		costing				
V	the differences between absorption & marginal costing	Desile de la company de la com	0 . 1			
*	Understand the use of budgets and standard costs for	Budgets, types of	8+1			
Budgeting &	planning & control, flexible budgets, reconciliation of	budgets, budget				
Standard Costs	budgeted profits with actuals, meaning & calculation of	preparation				
	standard costs, computation of simple variances v/s					
	budgets & standards, Capital Budgeting-Performance					
	measurement					



Sr. No.	Name of the Author	Title of the Book	Year of Edition	Publisher
1	ACCA	ACCA Study Material	2022	Kaplan
2	Dr. S. N. Maheshwari	Management Accounting and Financial Analysis	2022	Sultan Chand & Sons
3	Prof. Jawaharl Lal	Strategic Cost Management	2015	HPH





Programme: B. Com (Honors) CBCS Syllabus w.e.f. Academic Year 2023-24				
Semester Course Code Course Title				
I	BC105	Business Mathematics		
Type of Course	Credits	Evaluation	Marks	
MDC- 1	04	IE(50) + UE(50)	100	

Course Objectives:

- To introduce the basic concepts in Finance and Business Mathematics.
- To familiarize the students with applications of Mathematics in Business.
- To acquaint students with some basic concepts in Mathematics.
- To learn some elementary Mathematical methods for the analysis of data.

Course Outcomes:

CO No.	Blooms Level	Course Outcomes
105.1	Remembering	Identify the Present value & Future value of various financial instruments.
105.2	Understanding	Describe types of metrics & determinants
105.3	Applying	Calculate percentage, interest, ratio, EMI & dividend.
105.4	Analyzing	Distinguish between equity shares, Preference shares, and debentures.
105.5	Evaluating	Assess optimism solution by using a linear programming problem.
105.6	Creating	Develop a family budget.

Unit No.	Sub-unit	Skills/Competencies	L+T+P
I	Ratio & Proportion: Introduction, simple and	Demonstrate	8+1+1
Ratio,	compound ratio, proportion.	competency in the	
Proportion,	Percentage: Use of percentage in business	calculation of ratio,	
Percentage &	Interest: Simple interest & compound interest	proportion, percentage &	
Interest	Annuity: Types of annuities, present and future value of	interest	
	the annuity.		
II	Progression: Introduction & types	Demonstrate	8+1
Progression	Arithmetic Progression (AP): Definition, examples of	competency in the	
	AP in business.	calculation of AP, GP &	
	Geometric Progression (GP): Definition, examples of	HP	
	GP in business.		
	Harmonic Progression (HP): Definition, examples of HP		
	in business.		
III	Profit & Loss: Introduction & formulae. Examples on	Demonstrate skills in the	14+1
Profit, Loss &	trade discount, cash discount, cost price, selling price,	calculation of profit and	
		loss	
	Shares: Concept of share, face value, market value,		
	dividend, brokerage, equity shares, preferential shares,		
IV	bonus shares. Examples and Problems.	Daniel and a state of the state of	10.1
Matrices and	Matrices and Determinants (up to order 3 only)	Demonstrate skills in the	10+1
Determinants	Introduction, Types of Matrices, Algebra of Matrices,	calculation of matrix	
Determinants	Determinants, Adjoint of a Matrix, Inverse of a Matrix via Adjoint Matrix, Homogeneous System of Linear	problems	
	equations, Condition for Consistency of homogeneous		
	system, Solution of Non-homogeneous System of Linear		
	equations (not more than three variables), Applications		
	in Business and Economics, Examples and Problems.		
V	Introduction to Linear Programming Problems, Demonstrate skills in		
Linear	objective functions, decision variables, and constraints.	formulation & solution	14+1
Programming	Formulation & solution of LPP (two variables), feasible	of LPP	
Problem (LPP)	and optimal solution. Graphical method.		
	,	ı	



Sr. No.	Name of the Author	Title of the Book	Year of Edition	Publisher	
1	S. M. Shahidul	Business Mathematics	2004	Abir Publications, Dhaka,	
1	Islam	Busiliess Mathematics	2004	Bangladesh	
2	Jean-Paul	Business Math: A Step-	2021	T	
2	Olivier	by-Step Handbook	2021	Lyryx	
2	Andre Francis	Business Mathematics &	2008	Southwestern Cengage	
3	Andre Francis	Statistics	2008	Learning	
4	S. M. Shahidul Islam	Business Mathematics	2004	Abir Publication	



Programme: B. Com (Honors) CBCS Syllabus w.e.f. Academic Year 2023-24				
Semester Course-Code Course Title				
I	BC106A	Basics of Cost Accounting		
Type of Course	Credits	Evaluation	Marks	
DSE	03	IE (50) + UE (50)	100	

Course Objectives:

- To introduce the conceptual framework of Cost and work accounts.
- To equip the students to seek suitable careers in CWA and Entrepreneurship.
- To develop communication and analytical skills among students through self-learning.

Course Outcomes:

CO No.	Blooms Level	Course Outcomes
106A.1	Remembering	Define the concept of cost, costing, and cost accounting
1064.2	Understanding	Explain the scope, objectives, significance, and relationship with financial and
106A.2 Understandin		Works accounting.
106A.3	Applying	Demonstrate the role of a cost accountant in an organization
106A.4	Analyzing	Analyze a cost sheet for Tender and Quotation
106A.5	Evaluating	Evaluate the different methods of inventory control
106A.6	Creating	Develop strategies for better cost management in an organization

Unit No.	Sub-unit	Skills/Competencies	L+T+P	
I	Origin of Cost Accounting, Definition, scope, objectives,	Cost accounting,	8+1	
Basics of Cost	Nature and Significance of Cost, Limitations of Financial	classification,		
Accounting	Accounting. Its relationship with Financial Accounting and	standardization of		
	Works Accounting. Concept of Cost, Classification of Cost,	costing		
	Costing, Cost Accounting, and Cost Accountancy. Role of			
	Cost and Works Accountant. Importance of Standardization,			
	Cost Accounting Standard Board, Number of Cost Accounting			
	Standards			
II	Cost Accounting Records, Ledgers and Cost Statements,	Cost accounting, cost	8+1	
Cost	Items excluded from cost and normal and abnormal items/cost,	statements,		
Bookkeeping	Integral accounts, Reconciliation of cost accounting records	reconciliation of		
	with financial accounts, Infrastructure, Educational,	accounting records		
	Healthcare, and Port services.			
III	Introduction to "Material Cost" (CAS-6), Objective,	Material cost,	8+1	
Material Cost	Requisites and Importance, Purchase Procedure and purchase	purchase, stock		
	documents and Scientific purchase procedure, Material Issue	levels, FIFI, LIFO,		
	methods, Stock levels, EOQ, ABC Analysis. Types of stores	methods of costing		
	organization, Stores location, and layout, Classification, and			
	codification of Material, Pricing of Issue of material and stock			
	valuation as per FIFO, LIFO, Weighted Average and Simple			
	Average methods Inventory Control Meaning, Methods, and			
	Recent Trends			
IV	Direct Labour and Indirect Labour – Time Keeping – Methods	Direct and indirect		
Labour Costing	and Calculation of Wage	labor, wages,		
	Payments – Time Wages – Piece Wages – Incentives –	payments		
	Different Methods of Incentive Payments - Idle time -			
	Overtime – Labour Turnover - Meaning, Causes and			
T 7	Measurement.			
V	Overheads – Definition – Classification – Allocation and	Classification of	8+1	
Overheads	Apportionment of Overheads – Basis of Allocation –	overheads,		
Costing	Absorption of Overheads - Preparation of Overheads	apportionment of		



Unit No.	Sub-unit	Skills/Competencies	L+T+P
	Distribution Statement - Hour Rate - Computation of	overheads, and	
	Machine Hour Rate.	preparation of	
		overhead statement	

	Tel Circle D Collect				
Sr. No.	Name of the Author	Title of the Book	Year of Edition	Publisher	
1	Jawahar Lal	Cost Accounting	2008	Tata McGraw Hill	
2	Bhattacharyya A. K.	Principles & Practice of Cost Accounting	2012	PHI	
3	Ravi Kishore	Cost &Works Accounting	2019	Taxmann Allied Service	
4	Satish Inamdar	Cost Accounting	2020	Everest publication	



Programme: B. Com (Honors) CBCS Syllabus w.e.f. Academic Year 2023-24			
Semester Course Code Course Title			
I	BC106B	Indian Bar	nking System
Type of Course	Credits	Evaluation	Marks
DSE	03	IE(50) + UE(50)	100

Course Objectives:

- To enhance the understanding of students towards various banking concepts and operations.
- To make the students aware of banking business and practices.
- To provide knowledge on current trends in banking operations.

Course Outcomes:

At the successful completion of the course, the learner will be able to

CO No.	Bloom's Level	Course Outcomes	
106B.1	Remember	Recall various concepts of the banking system	
106B.2	Understand	Explain ideas that were historical and currently in trend now	
106B.3	Apply	Interpret the current changes that are happening in the banking sector	
106B.4	Analyze	Distinguish between banking ideas and products	
106B.5	Evaluate	Critique the latest developments in the industry	
106B.6	Create	Investigate the additions to the services offered by various banks	

Unit No.	Sub-unit	Skills/Competencies	L+T+P	
I	Meaning and definition of Banking, History of the Banking	Role of Banking in	8+1	
Introduction to	Sector in India including pre-reform development, Role of	India, Financial		
Banking	Banking in India, Financial Inclusion, and Financial Literacy.	Inclusion		
II	II Reserve Bank of India, History, Objective, Functions, Types Objective, Funct		8+1	
Bank Types	of Banks, Important financial institutions: NABARD, EXIM,	Types of Banks, and		
	NHB, HUDCO, HDFC, IDBI, IFCI, ICICI, SIDBI, IDFC,	Important financial		
	DICGCPFC, LIC, UTI, SBI	institutions		
III	Retail Banking: Scope, Products, Features, and Opportunities,	Retail banking and	8+1	
Banking	Wholesale Banking- Meaning, Products, Wholesale Banking	wholesale banking		
Services	in India, International Banking, Factoring, Forfeiting, Off			
	balance sheet Items.			
IV	IV Impact of technology in the banking sector, Payment and Emerging			
Technology in	Settlement systems in banks, Electronic Funds Transfer,	technologies in the		
Banking	scope, and Benefits, Electronic clearing services, MICR	banking sector and		
	clearing, Centralized banking solutions, and Cheque	RBI guidelines		
	truncation, RBI is a regulator in payment systems.			
V	Risk Management in Banks, Types of risks in banks, Base	Risk, types of risks,	8+1	
Risk	Committee on banking supervision, non-performing assets	and risk management		
Management in	definition, impact	in banks		
Banking	definition, impact			

Sr. No.	Name of the Author	Title of the Book	Year of Edition	Publisher
1	Abhinash Kumar Mandilwar	Principles and Practices of Banking	2022	
2	Vijayaragavan Iyengar	Introduction to Banking	2007	
3	K C Shekar, and Lekshymy Shekhar	Banking Theory and Practice	2021	



Programme: B. Com (Honors) CBCS Syllabus w.e.f. Academic Year 2023-24			
Semester Course Code Course Title			
I	BC106C	Principle	es of Management
Type of Course	Credits	Evaluation	Marks
DSE	03	IE (50) + UE (50)	100

Course Objectives:

- To familiarize students with basic concepts of management.
- To explain the evolution of Management and its principles.
- To discuss the functions of management and their importance in business.
- To propose the application of the principles of management in an organizational setup

Course Outcomes:

CO No.	Blooms Level	Course Outcomes		
106C.1	Remembering	Recall the fundamental functions of management and their significance.		
106C.2	Understanding	Summarize the interrelationships between different management functions.		
106C.3	Applying	Make use of concepts of planning and decision-making.		
106C.4	Analyzing	Analyze the role of leadership and motivation from the organization's perspective		
106C.5	Evaluating	Evaluate the ethics and recent trends in management		
106C.6	Creating	Develop strategies to improve organizational effectiveness by applying PODSCOB		

Unit No.	Sub-unit	Skills/Competencies	L+T+P
I	Meaning, Nature, Scope and Importance, Functions and	Ability to understand	12+1
Management	Principles of Management., Levels of Management,	different approaches	
	Managerial Roles, Managerial Skills and Activities,	to	
	Difference between Management and Administration,	management	
	Evolution of Management: Theories and Approaches-	philosophy	
	Classical or Traditional Approach, Behavioral or Neo-	and thinking	
	Classical Approach, Modern Approach.		
II	Planning-Meaning, significance, and nature of planning,	Ability to understand	8+1
Concepts of	Planning premises, levels in planning, and types of	the importance of	
PODSCORB	planning., Forecasting- Meaning and Techniques,	functions of	
	Decision Making-Meaning, Importance, Process,	management and their	
	Techniques of Decision Making, Management by	roles.	
	Objectives (MBO), and Management by Execution		
	(MBE)		
III	Concept of planning, objectives, Nature, Types of the	Comprehend the	8+1
Planning	plan, Stages involved in planning, Characteristics of a	importance of	
	good plan, Importance, Limitations of planning, Making	functions of	
	planning effective, Strategic planning in Indian Industry.	planning.	
	Concept of Decision making, characteristics of decisions,		
	Types of decisions, Steps Involved in decision making,		
	Importance of decision making, Methods of decision		
	making		0.1
IV	Concept, Nature, Process & Methods, Leadership-	Comprehend the	8+1
Directing	Meaning, Styles, & Qualities of a Good Leader,	importance of	
	Coordination as an Essence of Management, Controlling-	functions of	
	Meaning, Process, & Techniques, Motivation at	directing.	
X 7	Workplace-Concept of Motivation.	A C 1	4 . 1
V Describes on Edding	Meaning & Importance of Ethics in Business, Corporate	Aware of how	4 +1
Business Ethics	Social Responsibility, Green Management - Meaning,	business is changing	
	Green Management Actions	and what themes are	
		driving it	4 6 2 2



Reference Books:

Sr. No.	Name of the Author	Title of the Book	Year of Edition	Publisher
1	L. M. Prasad	Principles and Practice of	2016	Sultan Chand and Sons
1		Management		
2	T. Ramasamy	Principles of	2015	Himalaya Publishing
		Management		House, Mumbai.
2	Harold Koontz & Heinj	Essentials of	2015	Tata Mc Graw-Hill
3	Weihrich	Management	2013	Education, New Delhi.
4	P. C. Tripathi, P. N.	Principles of	2016	McGraw hill companies
	Reddy	Management	2016	New Delhi

Online Resources:

Resource No.	Website address	
1	https://www.coursera.org/browse/physical-science-and-engineering/environmental-science-	
	and-sustainability	
2	https://onlinecourses.swayam2.ac.in/cec21_ge21/preview	



Programme: B. Com (Honors) CBCS Syllabus w.e.f. Academic Year 2023-24			
Semester	Course Code Course Title		
I	BC106D	Princip	les of Marketing
Type of Course	Credits	Evaluation	Marks
DSE	03	IE(50) + UE(50)	100
G 01.1 (1			

Course Objectives:

- Develop a comprehensive understanding of marketing concepts and principles, including the marketing mix market segmentation, and consumer behavior, to lay a strong foundation for effective marketing strategies.
- Analyze various marketing strategies employed by businesses in different industries, evaluating their strengths, weaknesses, and overall impact on consumer behavior and market dynamics.
- Apply marketing knowledge to create well-designed marketing plans for specific products or services, considering target-audience preferences, competitive positioning, pricing, and promotional strategies.
- Evaluate the ethical implications of marketing practices and assess the importance of socially responsible marketing, considering the impact on consumers, society, and the environment.

Course Outcomes:

CO No.	Blooms Level	Course Outcomes	
106D.1	Remembering	Define the basic concepts in marketing, including need, want, demand, customer,	
100D.1	Remembering	consumer, exchange, and markets.	
106D.2	Understanding	Understanding traditional and extended marketing mix components and their	
100D.2	Onderstanding	relevance considering modern marketing trends at the understanding level.	
106D.3	Annlying	Develop a marketing plan, analyze the marketing environment (macro and micro),	
1000.3	3 Applying	and assess its components at the application level.	
106D.4	Analyzing	Analyze market segmentation, targeting, and positioning concepts and criteria,	
1000.4	Anaryzing	demonstrating analytical and creative thinking	
106D.5	D.5 Evaluating Evaluate an innovative new product strategy and problem-solving		
106D 6	Cuartina	Create a comprehensive and innovative marketing strategy for a new product,	
106D.6	Creating	demonstrating advanced critical thinking, problem-solving	

Unit No.	Sub-unit	Skills/Competencies	L+T+P
I	Meaning, significance, Basic Concepts in Marketing,	Customer-Centric	12+1
Marketing	Need, Want, Demand, Customer, Consumer, Exchange,	Marketing:	
Fundamentals	Markets, Marketing Segmentation, Marketing channels,	Segmentation,	
	Competition, Customer Value, Customer Satisfaction,	Value, and	
	Customer Delight, Market meaning and classification,	Relationships	
	Marketing Orientation towards Market Place, Production		
	Concept, Product Concept, Selling Concept, Marketing		
	Concept, Societal Marketing, Relationship Marketing,		
	Holistic Marketing		
II	Concept of Marketing Mix, Traditional Marketing Mix-	Marketing Mix,	8+1
Modern	4P's and 4C's, Extended Marketing Mix- 7P's, Trends in	Trends, 21st	
Marketing	Marketing, Viral Marketing, Digital Marketing, Green	Century Marketing	
	Marketing, Social Marketing, Marketing for the 21st		
	Century, The New Marketing Realities.		
III	Marketing Planning Process, Purpose, and Scope of	Marketing	8+1
Strategic	Marketing Environment Analysis, Concepts of Macro and	Planning: Macro &	
Marketing	Microenvironment, Components of Macro environment,	Micro Analysis	
Planning	Components of Microenvironment.		
IV	Definitions- Segmentation, Market Targeting, and	Marketing	8+1
Segmentation &	Positioning, Market Segmentation: Need and Bases for	Fundamentals:	
Positioning	Market Segmentation, Geographic, Demographic,	Segmentation,	
	Psychographic, and Behavioral, Effective Segmentation	Targeting,	



Unit No.	Sub-unit	Skills/Competencies	L+T+P
	Criteria, Evaluating and Selecting the Market Segments, Market Targeting: Target Market Selection, Market Targeting Strategies, Positioning: Differentiation and Positioning, USP, POP, POD.	Positioning	
V Innovation & Success: New Product Development	Concept and Need for New product development, The New Product Development Process, Idea Generation to Commercialization, Principles of Success, Product Differentiation, and Positioning Strategies.	New Product Development: Concepts to Commercialization	4+1

Reference Books:

Sr. No.	Name of the Author	Title of the Book	Year of Edition	Publisher
1	Philip Kotler & Kevin Lane Keller	Marketing Management	2014	Pearson India
2	V. S. Ramaswamy, S. Namakumari	Marketing Management: Indian Context Global Perspectives	2018	Sage Publication India Pvt. Ltd.
3	S. A. Sherlekar & R.Krishnamoorthy	Marketing Management-Concepts and Cases	2015	Himalaya Publishing House
4	Dr. R. B.Rudani	Basics of Marketing Management (Theory & Practice)	2010	S. Chand Publication

Online Resources:

Resource No.	Website address
1	https://ipsedu.in/downloads/MBABooks/principles-of-marketing-philip-kotler.pdf

MOOCS:

Resource No.	Website address
1	https://www.udemy.com/course/marketing-fundamentals-course/
2	https://www.coursera.org/learn/marketing-foundations
3	https://onlinecourses.swayam2.ac.in/nou21_cm01/course
4	https://www.coursera.org/learn/neuromarketing
5	https://www.coursera.org/learn/wharton-marketing



Programme: B. Com (Honors) CBCS Syllabus w.e.f. Academic Year 2023-24				
Semester	Course Code Course Title			
I	BC107	Soft Skills		
Type of Course	Credits	Evaluation Marks		
SEC-1	2	IE (50) + UE (50) 100		

Course Objectives:

- To develop a wide variety of soft skills starting from communication, to working in different environments, developing emotional sensitivity, and learning creative and critical decision making.
- Groom students for the workplace by bridging the gaps through effective interpersonal communication skills.
- To make the student an effective manager with adequate soft skills required for any organization.

Course Outcomes:

At the successful completion of the course, the learner will be able to

CO No.	Blooms Level	Course Outcomes	
107.1	Remembering	Define basic concepts and terminologies related to the development of soft skills	
107.2	Understanding	Understanding business etiquette, listening skills, persuasion skills & importance of teamwork.	
107.3	Applying	Make Use of body language, Empathy, and Rapport in enhancing personal effectiveness.	
107.4	Analyzing	Analyze and apply interpersonal skills with peers' interaction.	
107.5	Evaluating	Evaluate the prerequisites of problem-solving and decision-making of your peers.	
107.6	Creating	Design personal branding and personality development strategies to be applied to your career development.	

Unit No.	Sub-unit	Skills/Competencies	L+T+P
I	Get the first impression well- Greet others &	Imbibe business	5+1
Business Etiquettes	introduce yourself, Body language- speak well,	etiquette and listening	
& Listening Skills	Dressing sense- appeals to others, Telephone	skills	
	Etiquettes-Dining etiquettes, Art of effective		
	listening, barrier to effective listening.		
II	Persuasion, Speaking Skills, Delivery, Visual	Develop public speaking	5+1
Public Speaking	Communication, Interpersonal & Technical Skills	skills	
II	Understanding personal branding, how to sell	Understand personal	5+1
Personal Branding	yourself - appearance, voice modulation,	branding and design	
	Emotional intelligence, Empathy and Rapport,	future strategies	
	Image building, Designing your future strategy	-	
IV	Importance of teamwork, Stages of team,	Develop teamwork skills	5+1
Teamwork	Teamwork skills, Tips for better teamwork		
V	Understanding problem solving, developing	Understand and develop	5+1
Problem Solving &	effective problem statements, Importance, and	problem-solving and	
Decision Making	necessity of decision Making, Process and	decision-making	
(\ Y	practical way of Decision Making, Weighing	abilities	
	Positives & Negatives, Six-Hat thinking		

	, 141 4114 2 6 6 15 1				
Sr. No.	Name of the Author	Title of the Book	Year of Edition	Publisher	
1	Bovee, Courtland L, John V. Thill & Barbara E. Schatzman	Business Communication Today	2010	Prentice Hall	
2	Kratz, Abby Robinson	Effective Listening Skills	1995	Irwin Professional Publishing	
3	Lesikar, Raymond V and Marie E. Flatley	Basic Business Communication	2002	Tata McGraw-Hill	



Sr. No.	Name of the Author	Title of the Book	Year of Edition	Publisher
4	Barun K. Mitra	Personality Development and Soft Skills	2016	Oxford University Press





Programme: B. Com (Honors) CBCS Syllabus w.e.f. Academic Year 2023-24				
Semester	Course Code	Course Title		
I	BC108	Physical Fitness: (any 1 from Yoga/ Zumba/ Physical Training) YOGA		
Type of Course	Credits	Evaluation	Marks	
VAC- 1	01	Not Applicable	Not Applicable	

Course Objectives:

- To equip students with basic skills in the selected physical training activities.
- To motivate students to participate in physical training activities.
- To make positive contributions to students' physical fitness condition.
- To help students realize the benefits of exercise.

Course Outcomes:

At the successful completion of the course the learner will be able to:

- Students will be able to demonstrate adequate knowledge and competencies needed for physical training activities.
- Students will be able to effectively apply knowledge and skills learned throughout the curriculum in real-world settings.
- Physical training activities increase body flexibility, muscle strength, respiration, and energy.

Methods of Instruction/Course Format/Delivery:

• Demonstration and return demonstration will be the primary method of instruction from a certified Physical Trainer.



Programme: B. Com (Honors) CBCS Syllabus w.e.f. Academic Year 2023-24			
Semester Course Code Course Title			
I	BC108	Physical Fitness: (any 1 from Yoga/ Zumba/ Physical Training) ZUMBA	
Type of Course	Credits	Evaluation	Marks
VAC-1	01	Not Applicable	Not Applicable

Course Objectives:

• The purpose of this course is to offer experience with a variety of Zumba techniques to provide a high-intensity cardio and muscular strengthening workout.

Course Outcomes:

At the successful completion of the course the learner will be able to:

- To Understand the importance of Zumba in developing and living a healthy lifestyle.
- To Become more familiar with a variety of Zumba techniques.
- To Become more familiar with Zumba movement execution.

Methods of Instruction/Course Format/Delivery:

Demonstration and return demonstration will be the primary method of instruction from a certified Zumba instructor



Programme: B. Com (Honors) CBCS Syllabus w.e.f. Academic Year 2023-24			
Semester	Course Code	Course Title Physical Fitness: (any 1 from Yoga/ Zumba/ Physical Training) Physical Training	
I	BC108		
Type of Course	Credits	Evaluation	Marks
VAC-1	01	Not Applicable	Not Applicable

Course Objectives:

- To equip students with basic skills in the selected physical training activities.
- To motivate students to participate in physical training activities.
- To make positive contributions to students' physical fitness condition.
- To help students realize the benefits of exercise.

Course Outcomes:

At the successful completion of the course the learner will be able to:

- Students will be able to demonstrate adequate knowledge and competencies needed for physical training activities
- Students will be able to effectively apply knowledge and skills learned throughout the curriculum in real-world settings.
- Physical training activities increase body flexibility, muscle strength, respiration, and energy.

Methods of Instruction/Course Format/Delivery:

Demonstration and return demonstration will be the primary method of instruction from a certified Physical Trainer.