

# CURRICULUM

The curriculum has following sections:

- i. Accounting concepts and application
  - a. Basic Accounting Concepts
  - b. Advanced Accounting Application
- ii. Business financial management
- iii. Compliance and Governance

The following table provides for the detailed topics covered:

## I. ACCOUNTING CONCEPTS AND APPLICATION

- a. Basic Accounting Concepts
- b. Advanced Accounting Application

1	Presentation of financials	IAS 1 and 3 4 <sup>th</sup> and 5 <sup>th</sup> Schedule to The Companies Act 2017	<ul style="list-style-type: none"> <li>– Responsibility for financial statements</li> <li>– Structure and contents of financial statements (face of the statements, classification of items)</li> <li>– General features (aggregation, offsetting/netting, comparative information)</li> </ul>
2	Accounting policies, changes in accounting estimates and errors	IAS 8	<ul style="list-style-type: none"> <li>– Selecting and applying accounting policies</li> <li>– Changes in accounting policies</li> <li>– Changes in accounting estimates</li> <li>– Errors</li> </ul>
3	Income taxes	IAS 12	<ul style="list-style-type: none"> <li>– Recognition and measurement of current tax assets and liabilities</li> <li>– Recognition and measurement of deferred tax assets and liabilities</li> <li>– Presentation and disclosure</li> </ul>
4	Property, plant and equipment	IAS 16	<ul style="list-style-type: none"> <li>– Initial measurement and recognition</li> <li>– Measurement subsequent to initial recognition, including depreciation methods and changes in estimates</li> <li>– De-recognition</li> </ul>
5	Leases	IFRS 16	<ul style="list-style-type: none"> <li>– Objective and scope (including determining whether an arrangement contains a lease)</li> <li>– Lease classification</li> </ul>

			<ul style="list-style-type: none"> <li>– Accounting by the lessee and lessor including sales and leaseback arrangements</li> </ul>
6	Employee benefits	IAS 19	<ul style="list-style-type: none"> <li>– Scope</li> <li>– Post-employment benefits</li> <li>– Defined contribution plans</li> <li>– Defined benefit plans</li> <li>– Presentation and disclosures</li> </ul>
7	Revenue	IFRS 15	<ul style="list-style-type: none"> <li>– Timing of recognizing</li> <li>– Measurement (including measurement matters in case of sale of goods, services, multiple element arrangements, warranties, coupons, vouchers etc.)</li> <li>– Over view of the model</li> <li>– Contract cost</li> <li>– Contract modification</li> </ul>
8	Related party disclosures	IAS 24 along with section 208 of the Companies Act, 2017	<ul style="list-style-type: none"> <li>– Definitions and disclosures</li> <li>– Requirement</li> </ul>
9	Financial instruments – recognition, measurement and presentations	IAS 32 IFRS 9	<ul style="list-style-type: none"> <li>– Equity vs liability classification</li> <li>– Initial recognition and measurement of compound financial instruments</li> <li>– Initial recognition and measurement of financial assets</li> <li>– Subsequent measurement of financial asset including basic impairment of financial assets</li> </ul>
10	Earnings per share	IAS 33	<ul style="list-style-type: none"> <li>– Calculation of basic and diluted earnings per share</li> <li>– Restatement of prior period's EPS for changes in the current period</li> </ul>
11	Impairment of assets	IAS 36	<ul style="list-style-type: none"> <li>– Identifying when impairment testing is to be performed</li> <li>– Identification of cash generating units and its assets and liabilities</li> <li>– Measurement of recoverable amount including value in use and fair value less cost of disposal</li> <li>– Calculation of impairment loss</li> <li>– Recognition of impairment loss</li> <li>– Reversal of impairment loss</li> </ul>
12	Provisions, contingent liabilities and contingent assets	IAS 37 IFRIC 21	<ul style="list-style-type: none"> <li>– Provision recognition criteria</li> <li>– Measurement of best estimate</li> <li>– Timing for recognizing provision</li> </ul>

			<ul style="list-style-type: none"> <li>– Restructuring provision – recognition and measurement</li> <li>– Expected disposal of asset</li> <li>– Onerous contracts</li> <li>– Future operating losses</li> </ul>
13	Shared based payment	IFRS 2	<ul style="list-style-type: none"> <li>– Scope</li> <li>– Classification of share based payment</li> <li>– Identification and understanding of conditions</li> <li>– Recognition and measurement of share based payment</li> <li>– Modification and cancellation of share based payment transactions</li> <li>– Group share based payment</li> </ul>
14	Business combinations	IFRS 3	<ul style="list-style-type: none"> <li>– What are business combinations</li> <li>– Identification of acquirer</li> <li>– Acquisition accounting for business combinations (other than of entities under common control)</li> <li>– Effects of business combinations on unrecognized assets of acquirer</li> </ul>
15	Non-current assets held for sale and discontinued operations	IFRS 5	<ul style="list-style-type: none"> <li>– Classification of non-current assets (or disposal group) as held for sale or held for distribution to owners</li> <li>– Measurement issues</li> <li>– Presentation and disclosure</li> </ul>
16	Consolidated financial statements	IFRS 10 IAS 28	<ul style="list-style-type: none"> <li>– Identification of control and entities within the group including the concepts of relevant activities, substantive rights and de-facto control</li> <li>– Mechanism of consolidation including computation of goodwill</li> <li>– Initial recognition and subsequent measurement of non-controlling interest</li> <li>– Elimination of group transactions, investment entities, disposal of groups is not included.</li> </ul>
17	Fair value measurement	IFRS 13	<ul style="list-style-type: none"> <li>– Measurement</li> <li>– Disclosure</li> </ul>

## II. BUSINESS FINANCIAL MANAGEMENT

1	Stakeholders and impact on corporate objectives	<ul style="list-style-type: none"> <li>– Range of stakeholders and their objectives</li> <li>– Conflict between stakeholder objectives</li> <li>– Ways of measuring achievement of corporate objectives including: <ul style="list-style-type: none"> <li>i. ratio analysis, using appropriate ratios such as return on capital employed, return on equity, earnings per share and dividend per share, and</li> <li>ii. changes in dividends and share prices as part of total shareholder return</li> </ul> </li> <li>– Dividend policy</li> </ul>
2	Working capital Management	<ul style="list-style-type: none"> <li>– Objectives of working capital management in terms of liquidity and profitability and the conflict between them</li> <li>– Cash operating cycle include management of accounts payable and accounts receivable</li> <li>– Relevant accounting ratios</li> <li>– Cash management</li> </ul>
3	Investment decisions and appraisal process	<ul style="list-style-type: none"> <li>– Identify and calculate relevant cash flows for investment projects</li> <li>– Payback period and return on capital employed</li> <li>– Discounted cash flows techniques including present and future value</li> <li>– NPV and IRR based decisions</li> <li>– Dealing with risk and uncertainty</li> <li>– Cost of capital</li> <li>– Assets replacements and capital rationing</li> </ul>
4	Business valuations	<ul style="list-style-type: none"> <li>– Asset based valuations</li> <li>– Income based valuations</li> <li>– Cash flow based valuations</li> <li>– Valuations for acquisitions and mergers</li> </ul>
5	Financial risk management	<ul style="list-style-type: none"> <li>– Transaction and translation risks management</li> <li>– Basic hedging techniques like currency of invoice, netting and matching, leading and lagging, forward exchange contracts and money market hedging</li> <li>– Basics of derivative instruments (excluding their valuations)</li> <li>– Impact of fiscal and monetary policy on decision making</li> </ul>
6	Management Accounting and Budgeting	<ul style="list-style-type: none"> <li>– Introduction and the concept of management accounting</li> <li>– Decision making</li> <li>– Forecasting and budgeting techniques</li> <li>– Standard costing and variance analysis and process costing</li> <li>– Activity Based Costing (ABC) systems</li> <li>– Allocation of service-department costs</li> <li>– Cost accounting techniques (Absorption and Marginal Costing, Job, Batch and Service Costing)</li> </ul>

### III. COMPLIANCE AND GOVERNANCE

1	Companies Act 2017	<ul style="list-style-type: none"> <li>– Definitions (section 2)</li> <li>– General provisions as to share capital (sections 60 to 62)</li> <li>– Further issue of capital (section 83)</li> <li>– Meetings and proceedings (sections 131 to 152)</li> <li>– Directors and chief executive (sections 153 to 196)</li> <li>– Chairman review and directors report (sections 192, 226 and 227)</li> <li>– Audit (sections 246 to 253)</li> <li>– Companies' global register of beneficial ownership (section 452)</li> </ul>
2	Code of Corporate Governance	<ul style="list-style-type: none"> <li>– The entire Code of Corporate Governance (for listed entities) issued by Securities and Exchange Commission of Pakistan</li> </ul>
3	Income Tax Ordinance, 2001	<ul style="list-style-type: none"> <li>– Head of Income</li> <li>– Income from business (Chapter3, Part 4) – including deductions, special provisions, tax accounting etc.</li> <li>– Capital Gains (Chapter3, Part 5)</li> <li>– Losses (Chapter3, Part 8)</li> <li>– Deductible Allowances (Chapter3, Part 9)</li> <li>– Tax Credits (Chapter 3, Part 10)</li> <li>– Minimum Tax (Chapter 9)</li> <li>– Deduction of taxation at source (Division III of Part V of Chapter X)</li> </ul>
4	Integrated Reporting	<ul style="list-style-type: none"> <li>– Introduction of Integrated Reporting and International Integrated Reporting Council</li> <li>– International Integrated Reporting Framework (<a href="http://integratedreporting.org">http://integratedreporting.org</a>)</li> </ul>
5	Internal Audit	<ul style="list-style-type: none"> <li>– Attribute Standards of the International Standards for the Professional Practice of</li> <li>– Internal Auditing:</li> <li>– Purpose, Authority, and Responsibility</li> <li>– Independence and Objectivity</li> <li>– Impairment to Independence or Objectivity</li> <li>– Proficiency and Due Professional Care</li> <li>– Quality Assurance and Improvement Program</li> </ul>
6	Ethics	<ul style="list-style-type: none"> <li>– Code of Ethics for Chartered Accountants Part A</li> </ul>
7	Emerging laws and related requirements	<ul style="list-style-type: none"> <li>– Anti-Money Laundering Act, 2010</li> <li>– Access to Inside Information Regulations, 2016</li> <li>– Securities Act 2015</li> <li>– Companies (Distribution of Dividends) Regulations, 2017</li> <li>– Companies (Manner and Selection of Independent Directors) Regulations, 2018</li> </ul>
8	Industry guidelines issued by ICAP	<ul style="list-style-type: none"> <li>– Pharmaceutical</li> </ul>



**CA**  
PAKISTAN



		– Exploration and production
9	Prudential Regulations	– For corporate/commercial banking