
BACHELOR OF SCIENCE IN MANAGEMENT ACCOUNTING

Program Description

The Bachelor of Science in Management Accounting (BSMA) Program provides general accounting education to students wanting to pursue a career in Management Accounting. It develops the knowledge, skills, and attitude that prepare graduates to take assessments leading to certification in Management Accounting given by global professional Management Accounting organizations. In addition, the Curriculum provides a strong foundation for its graduates to become Certified Accounting Technologists (CAT).

Program Educational Objectives:

Within three to five years after obtaining a bachelor's degree in Management Accountancy graduates are expected to:

1. Exhibit professional competence as business consultants/advisors, individually and as a collaborator, in both Philippine and international settings;
2. Discharge professional functions with integrity and professionalism, consistent with professional standards and Christian principles;
3. Pursue credentials needed in improving exemplary professional service to clients and contributing to the greater good of the profession and the society at large.
4. Assume leadership or influential roles in the organizations where they serve.
5. Demonstrate agility and adaptability as lifelong learners, responding to the dynamic requirements of the industry while maintaining personal well-being.

Program Outcomes

By the time of graduation, the students of the program shall have develop the ability to:

1. Demonstrate and act in recognition of corporate citizenship, professional, ethical and social responsibility.
2. Function effectively as a member and/or leader in teams, preferably multi-disciplinary in composition.
3. Use proper decision tools including information and communication technology, to critically, analytically and creatively solve problems and drive results.
4. Implement the basic functions of management (such as planning, leading, organizing, staffing, directing and controlling) in various functional areas of business (marketing, accounting, finance, human resource, production and operations, IT and strategic management)
5. Engage in independent learning for continual development as a business professional, while generating new knowledge and keeping abreast with the latest developments in the field of Management Accounting.
6. Communicate effectively with stakeholders, both orally and in writing.
7. Resolve business issues and problems, with a global perspective using their knowledge and technical proficiency in the areas of financial accounting and reporting, cost accounting and management, management accounting, auditing, taxation, and accounting information systems, and finance.
8. Demonstrate self-confidence in performing functions as a business advisor/consultant.

9. Employ technology as a business tool efficiently and effectively in capturing financial and non-financial information, generating reports, and making decisions.
10. Apply knowledge and skills that will enable them to successfully respond to various types of assessments (including professional licensure and certifications).
11. Preserve and promote Filipino historical and cultural heritage.

Admission Policies

1. UBAT score of at least 30
2. A grade point average (GPA) in high school of at least 83
3. A total admission score of at least 60
4. Non-ABM SHS Graduates must take the following subjects:
 - * Business Math
 - * Business Finance
 - * Marketing Management

Admission Requirements for Incoming 2nd Year

1. A GPA of at least 82 in first year college, excluding NSTP and PE.
2. A final grade of at least 80 in Acct101, Acct102, and MATHMW.
3. A final grade of at least 78 in Acct 201
4. A score meeting the cut-off in the Qualifying Examination (QE)
Note: Students who fail the AQE for the first time are allowed to take it a second time in the next academic year.

Admission Requirements for Transferees

1. A score of at least 60 in CTBS
2. A score meeting the cut-off in the AQE

Retention Policy

Students who wish to stay in the program must earn a grade of at least 78 in Acct202 and Acct203.

BACHELOR OF SCIENCE IN MANAGEMENT ACCOUNTING
FIRST YEAR
First Semester

		Lec Units	# of hrs/wk	Lab Units	# of hrs/wk	Total Credit Units	Total Assessed Units
ACCT101	(Basic Accounting (With Basic Corp. Acctg - SHE & FS Presentation)	6	6	0	0	6	6
COMLAW1	Law on Obligations & Contracts	3	3	0	0	3	3
IGG	Group Guidance 1	1.5	1.5	0	0	1.5	1.5
IRS1	Lasallian Spirituality	3	3	0	0	3	3
MATHMW	Mathematics in the Modern World	3	3	0	0	3	3
NSTP1	National Service Training Program 1	3	3	0	0	3	3
PED1	Physical Education 1 (Wellness and Fitness)	2	2	0	0	2	2
RHIST	Readings in Philippine History	3	3	0	0	3	3
USELF	Understanding the Self	3	3	0	0	3	3
	Total	27.5	27.5	0	0	27.5	27.5

Second Semester

		Lec Units	# of hrs/wk	Lab Units	# of hrs/wk	Total Credit Units	Total Assessed Units
ACCT102	Partnership Accounting	3	3	0	0	3	3
ACCT201A	Intermediate Accounting 1 (Conceptual Framework)	3	3	0	0	3	3
ACCT202	Intermediate Accounting 2 (Acctg Standards & Reporting)	6	6	0	0	6	6
COMLAW2	Negotiable Instruments	3	3	0	0	3	3
INFOT1	IT Application tools in Business (Concepts and Productivity Tools)	0	0	3	3	3	3
IRS2	Christian Morality	3	3	0	0	3	3
NSTP2	National Service Training Program 2	3	3	0	0	3	3
PCOM	Purposive Communication	3	3	0	0	3	3
PED2	Physical Education 2 (Team Sports and Rhythmic Activities)	2	2	0	0	2	2
	Total	26	26	3	3	29	29

Summer

		Lec Units	# of hrs/wk	Lab Units	# of hrs/wk	Total Credit Units	Total Assessed Units
ARTAP	Art Appreciation	3	3	0	0	3	3
BLOGIC	Business Logic	3	3	0	0	3	3
CWRLD	The Contemporary World	3	3	0	0	3	3
	Total	9	9	0	0	9	9

SECOND YEAR
First Semester

		Lec Units	# of hrs/wk	Lab Units	# of hrs/wk	Total Credit Units	Total Assessed Units
ACCT203	Intermediate Accounting 2 (Acctg Standards & Reporting)	6	6	0	0	6	6
COMLAW3	Law on Business Organizations	3	3	0	0	3	3
ECON105K	Managerial Economics	3	3	0	0	3	3
FINMA1	Financial Management	3	3	0	0	3	3
INFOT2	Accounting Information Systems	0	0	3	3	3	3
PED3	Physical Education 3 (Swimming and Recreation)	2	2	0	0	2	2
PSPEAK	Public Speaking in the Discipline	0	0	3	3	3	3
TXTN1	Income Taxation	3	3	0	0	3	3
LITEA	Living in the IT Era (for Accounting)	0	0	3	3	3	3
	Total	20	20	9	9	29	29

Second Semester

		Lec Units	# of hrs/wk	Lab Units	# of hrs/wk	Total Credit Units	Total Assessed Units
ACCT204	Intermediate Accounting 4 (Acctg Standards & Reporting)	6	6	0	0	6	6
ACCT401	Aud & Assurance 1 (Governance, Business Ethics, Risk Management and Internal Control)	6	6	0	0	6	6
COMLAW4	Sales Agency and Credit Transactions	3	3	0	0	3	3
FINMA2	Financial Markets	3	3	0	0	3	3
MACRO	Macroeconomics	3	3	0	0	3	3
PED4	Physical Education 4 (Individual Dual Sports)	2	2	0	0	2	2
TXTN2	Business Taxation and Other Taxation Topics	3	3	0	0	3	3
BA102	Business Analytics 2	0	0	3	3	3	3
	Total	26	26	3	3	29	29

Summer

		Lec Units	# of hrs/wk	Lab Units	# of hrs/wk	Total Credit Units	Total Assessed Units
GBOOKS	Great Books	3	3	0	0	3	3
IRS3	Religion, Religious Experiences and Spirituality	3	3	0	0	3	3
RIZAL	Rizal	3	3	0	0	3	3
	Total	9	9	0	0	9	9

THIRD YEAR

First Semester

		Lec Units	# of hrs/wk	Lab Units	# of hrs/wk	Total Credit Units	Total Assessed Units
ACCT501	Cost Accounting and Control	3	3	0	0	3	3
ACCT601	Advanced Acctg 1 - Accounting for Special Transactions	3	3	0	0	3	3
COMLAW5	Regulatory Framework and Legal Business Issues	3	3	0	0	3	3
ECON501	Economic Development	3	3	0	0	3	3
HBO	Human Behavior in Organization	3	3	0	0	3	3
MGTSOI	Management Science	3	3	0	0	3	3
OMTQM	Operations Management and TQM	3	3	0	0	3	3
BA103	Business Analytics 3	0	0	3	3	3	3
PRMGT100	Project Management	3	3	0	0	3	3
	Total	24	24	3	3	27	27

Second Semester

		Lec Units	# of hrs/wk	Lab Units	# of hrs/wk	Total Credit Units	Total Assessed Units
ACCT502	Strategic Cost Management	3	3	0	0	3	3
ACCT602	Accounting for Govt & Non Profit Orgs., Business Combination and Foreign Currency Transactions	6	6	0	0	6	6
ETHICS	Ethics	3	3	0	0	3	3
MACC701	Accounting Research Methods	3	3	0	0	3	3
SAPP	Statistical Analysis w/ Software Application	0	0	3	3	3	3
BA104	Business Analytics 4 - (Prof. Elective 1)	0	0	3	3	3	3
STS	Science, Technology, and Society	3	3	0	0	3	3
TXTN3	Strategic Tax Management	3	3	0	0	3	3
	Total	21	21	6	6	27	27

FOURTH YEAR

First Semester

		Lec Units	# of hrs/wk	Lab Units	# of hrs/wk	Total Credit Units	Total Assessed Units
MACC702	Management Accounting Research	3	3	0	0	3	3
MACC801	Management Accounting Internship	6	6	0	0	6	6
Total		9	9	0	0	9	9

Second Semester

		Lec Units	# of hrs/wk	Lab Units	# of hrs/wk	Total Credit Units	Total Assessed Units
ACCT302	Valuation Concepts and Methods	3	3	0	0	3	3
ACCT801	Strategic Business Analysis (Managerial Acctg)	3	3	0	0	3	3
IBT100	International Business and Trade	3	3	0	0	3	3
MAC102	Performance Manangement Systems	3	3	0	0	3	3
MACC901	Sustainability and Strategic Audit	3	3	0	0	3	3
BA105	Business Analytics 5 - Prof Electives 2	0	0	3	3	3	3
STRAT100	Strategic Management	3	3	0	0	3	3
Total		18	18	3	3	21	21

SUMMARY OF REQUIRED COURSES BACHELOR OF SCIENCE IN MANAGEMENT ACCOUNTING

	No. of Courses Required	Units Equivalent	Total Units
General Education			
Languages			
English	2	6	6
Mathematics			
Mathematics in the Modern World	1	3	3
Social Sciences			
Understanding the Self	1	3	
Readings in Philippine History	1	3	
The Contemporary World	1	3	
Art Appreciation	1	3	
Rizal	1	3	
Science, Technology, and Society	1	3	18
Other GE Courses			
Religious Studies	3	9	
Group Guidance	1	1.5	
PE	4	8	
NSTP	2	6	
Business Logic	1	3	
Ethics	1	3	
Great Books	1	3	
Living in the IT Era (Business Analytics 1)	1	3	36.5
Common Business and Management Education Courses			
Operations Management and TQM	1	3	
Strategic Management	1	3	6
Core Accounting Education Courses			
Basic Accounting	1	6	
Partnership Accounting	1	3	
Law on Obligations and Contracts	1	3	
Business Law and Regulation (Negotiable Instruments)	1	3	
Law on Business Organization	1	3	
Sales Agency and Credit Transactions	1	3	
Regulatory Framework and Legal Issues in Business	1	3	
Management Science	1	3	
International Business and Trade	1	3	
Accounting Research Methods	1	3	
Management Accounting Internship	1	6	
Management Accounting Research	1	3	
Statistical Analysis w/ Software Application	1	3	
Governance, Business Ethics, Risk Management and Internal Control	1	6	
Managerial Economics	1	3	
Macroeconomics	1	3	
Economic Development	1	3	
Intermediate Accounting 1 (Conceptual Framework)	1	3	
Intermediate Accounting 2 (With Accounting Standards and Reporting)	1	6	
Intermediate Accounting 3 (With Accounting Standards and Reporting)	1	6	
Intermediate Accounting 4 (With Accounting Standards and Reporting)	1	6	
Financial Markets	1	3	
Financial Management	1	3	

Accounting Information Systems	1	3	
IT Application Tools in Business (Concepts and productivity tools)	1	3	
Cost Accounting and Control	1	3	
Strategic Cost Management	1	3	
Strategic Business Analysis (Managerial Accounting)	1	3	
Business Taxation and Other Taxation Topics	1	3	
Income Taxation	1	3	103
Cognate/Major/Professional Courses			
Sustainability and Strategic Audit	1	3	
Human Behavior in Organization	1	3	
Project Management	1	3	
Accounting for Govt & Non Profit Orgs. , Business Combination and Foreign Currency Transactions	1	6	
Valuation Concepts and Methods	1	3	
Performance Management Systems	1	3	
Strategic Tax Management	1	3	
Advanced Accounting 1 – Accounting for Special Transactions	1	3	
*Business Analytics 2	1	3	
*Business Analytics 3	1	3	
*Business Analytics 4	1	3	
*Business Analytics 5	1	3	39
*Electives and may be changed to:			
Human Resource Management (3 units)			
Innovation and Strategy Formulation (3 units)			
Enterprise Governance Framework (3 units)			
Total			216.5

**MAJOR COURSE DESCRIPTIONS
BACHELOR OF SCIENCE IN MANAGEMENT ACCOUNTING****ACCT 101
BASIC ACCOUNTING****6 units**

Introduces basic accounting principles for a business. Topics include the complete accounting cycle with end of period statements, incorporation and dividends. Upon completion, students should be able to demonstrate an understanding of accounting principles & apply those skills to a business organization.

Students are expected to accomplish a practice set where they analyze, record, classify, and report financial transactions from source documents. The practice set is a venue for the students to apply their learning in this course.

**ACCT 102
PARTNERSHIP ACCOUNTING****3 units**

Aims to develop the ability to analyse business transactions peculiar to a partnership business – formation, operation, dissolutions and changes in ownership interests, and liquidation, and relate their effects to the interest of the stakeholders. Students are expected to understand the influence of partnership reporting in decision-making and its effect in the growth of a business.

The students complete and submit the accounting practice set for partnership as the final output of the course. This emphasizes the importance of credibility, integrity, and accountability in the practice of accounting.

Prerequisite: Acct 101

**ACCT201
INTERMEDIATE ACCOUNTING 1 (WITH
CONCEPTUAL FRAMEWORK)****6 units**

This course deals with the Conceptual Framework for Financial Reporting, the Philippine Financial Reporting Standards (PFRS), the Philippine Accounting Standards (PAS) and Interpretation. It explains the standard setting process, the authority attached to the standards and the body authorized to promulgate them. It covers a detailed discussion, appreciation and application of accounting standards set forth by the Financial Reporting Standards Council of the Philippines and, where applicable, by other authoritative bodies of the accountancy profession that are currently applicable to the recognition, measurement and financial statement presentation of Cash and Cash Equivalents, Receivables and Inventories. The related internal control measures are also presented and enabling the students to prepare Bank Reconciliation and Aging of Receivables. It also exposes the students to accounting for SMEs as a contrast to full IFRS application.

At the end of the semester, the students are expected to develop critical thinking skills and become effective communicators. This course also aims that students will understand the importance of transparency in financial reporting

making them socially – responsible. Students are expected to explain the Conceptual Framework for Financial Reporting, relate it to the standards governing financial reporting and be able to prepare general-purpose financial statements, including appropriate disclosure requirements and schedules. The students should be able to interpret and apply the accounting standards in relation to the recognition, measurement, and financial statement presentation of Cash and Cash Equivalents, Receivables and Inventories. The students should be able to prepare Bank Reconciliation and Aging of Receivables and pass comprehensive exam.

Prerequisite: Acct 101

**ACCT202
INTERMEDIATE ACCOUNTING 2 (WITH
ACCOUNTING STANDARDS AND
REPORTING)****6 units**

This course is a continuation of Intermediate Accounting I. It is designed to cover the discussion, appreciation and application of the Philippine Accounting Standards (PAS) and Philippine Financial Reporting Standards (PFRS) on the recognition, measurement, valuation and financial statements presentation and disclosures of Investments accounts, Property, Plant and Equipment, Wasting Assets and Intangibles. It also includes the revaluation and impairment of these accounts. Incorporated in this course is the PFRS application to SMEs. At the end of this course, the students are expected to analyze and solve problems regarding Investments, PPE, Wasting Assets and Intangibles, and explain the procedures on how they were able to come up with the answers or conclusion.

The students are expected to interpret and apply accounting standards related to the recognition, measurement, valuation and financial statements presentation and disclosures of Investment Accounts, Property, Plant and Equipment, Wasting Assets and Intangibles. The students should be able to pass comprehensive exam.

Prerequisite : Acct201

**ACCT203
INTERMEDIATE ACCOUNTING 3 (WITH
ACCOUNTING STANDARDS AND
REPORTING)****6 units**

This course covers an extensive discussion and practical application of the currently applicable Philippine Accounting Standards (PAS) and Philippine Financial Reporting Standards (PFRS) relative to the recognition, measurement, valuation and financial statement presentations of current liabilities (including provisions and contingent liabilities), bonds payable, notes payable, shareholders' equity, retained earnings, and contemporary issues like leases, accounting for income taxes, post-employment benefits and other employee benefits.

The students will also be exposed to cash and accrual basis accounting, integrating all topics in financial account. The course is structured in such a way that it challenges the students to their full potential, encourages synergy, collaboration and dialog in an environment that is fraternal, caring, and respectful. The course prepares the students to be responsible in the world of work, family, nation and the Church. At the end of the course, the students should be able to interpret and apply accounting standards related to the recognition, measurement, valuation and financial statements presentation and disclosures of Current and Non-current Liabilities, components of the Shareholders' Equity, Leases, accounting for Income Taxes, Employee Benefits and Post-employment Benefits. The students are expected to prepare financial statements for Tax purposes and reconcile the difference with financial accounting Income. The students are likewise expected to prepare Income Statement under accrual basis accounting as a migration from cash basis account.

Prerequisite: Acct 202

ACCT303 3 units **VALUATION CONCEPTS AND METHODS**

The objective of this course is to learn firm, debt, and equity valuation methods from a conceptual and practical framework. The course will equip the students with technical skills needed to value financial investments using different approaches and techniques. Critical thinking skills of students is targeted in this course as they will be challenged to integrate key valuation concepts to be able to come up with a sound business decision.

At the end of the course, the students are expected to analyze financial statements, measure company performance, measure cash flows, and create a financial model. Specifically, the students should be able to value equity instruments using the present value model, multiplier model and asset-based valuation model. Obtaining an understanding of fixed income securities is also expected of students finishing this course. In this course also, students are expected to value bonds, incorporating their knowledge in time value of money. The candidate should also be able to calculate yields and values of fixed-income securities. Finally, course takers should be able to apply and extend these valuation frameworks to specific settings such as highly leveraged transactions, mergers and acquisitions, and cross-border valuations.

Prerequisite: FINMA2

HBO 3 units **PROFESSIONAL ELECTIVES 3 - HUMAN BEHAVIOR IN ORGANIZATIONS**

Deals with the study of human behavior of the individual and work groups and its effect on the organization. It is essential to understand the organization from a point of view of individual perceptions, motivation, and relationships between people in order to develop advanced managerial skills. Various cases are presented to students to help them understand and analyze real-world situations, such as dealing with

motivation, leadership, and politics, management of conflict, stress, and change.

Students are also given self-assessment exercises to understand their strengths and weaknesses. All these are intended to develop their interpersonal skills and inspire them in managing people in organizations.

ACCT401 6 units **AUD & ASSURANCE 1 (GOVERNANCE, BUSINESS ETHICS, RISK MANAGEMENT AND INTERNAL CONTROL)**

This course deals with the nature of the accounting profession, auditing and assurance fundamentals, professional standards, and public sector regulation of accounting practice. Then the students are introduced to the basic concepts and methodology of auditing in general as applied to the various types of audit. After which, the discussion is more focused on financial statements audit using risk-based audit approach, which will cover risk assessment (preliminary engagement activities, planning the audit and risk assessment procedures) and risk response (designing test of controls and substantive test procedures), and culminates in audit report preparation including communications with the board of directors and management concerning internal control weaknesses. Also discussed in detail are the professional values and the Code of Ethics for Professional Accountants, which aims to focus on the responsibility of every Lasallian CPA to uphold the ethical and legal standards in the exercise of his/her profession.

At the end of the course, the students are expected to submit case study reports relating to application of Code of Ethics, a simple audit plan and internal control evaluation, as well as to prepare audit reports based on different audit findings.

Prerequisite: Acct202

ACCT501 3 units **COST ACCOUNTING & CONTROL**

Orients the students in the nature, peculiarities and importance of the various concepts & objectives of cost discipline. The first part is on cost accumulation and the traditional concepts of job order costing and process costing with accounting for production losses. The second part deals with backflush costing system, service cost allocation, and joint cost allocation and treatment of by products. The course aims to help the students understand the factors and aspects necessary to come up with an effective cost system. Because of the dynamic nature of the companies, exposure to actual manufacturing scenario is required to have a better understanding of this course.

Students are then required to submit a manufacturing process flowchart of the company plants visited integrated with theories & application of the cost accounting process.

Prerequisite: Acct203

ACCT502**3 units****STRATEGIC COST MANAGEMENT**

Focuses on the analysis of costs & profits and other relevant information for management decision making. Discussions on the behaviour of costs specifically on CVP analysis, standards & variances, variable, and absorption costing are covered under management planning. It also covers problems in TQM, JIT, business process reengineering, KAIZEN costing, and target costing.

At the end of the course, the students are required to submit a comprehensive case analysis of the cost accumulation of selected SMEs of the province. The evaluation papers are then presented to the owners for application.

Prerequisite: Acct501

ACCT601**3 units****ADVANCED ACCOUNTING 1 (ACCOUNTING FOR SPECIAL TRANSACTIONS)**

Advanced Accounting 1 deals with specialized accounting concepts usually encountered by accountants in practice. The gist of this course revolves around the application of fundamental accounting valuation and accounting theory to special income and expense recognition methods in accordance with the relevant accounting standards. This will also include accounting for joint arrangement and corporate liquidation.

Students' mastery of the course will be tested by a comprehensive examination given at the end of the semester. At the end of the course, the students will be able to analyze and account for transactions involving installment sales, long term construction contracts, franchises and consignment sales, applying the provisions of PFRS15, IAS18 and IAS11, apply the provisions of PFRS 4 in accounting for Insurance Contracts and account for build, operate & transfer schemes in accordance with IFRIC 12. In addition, students will also be able to record the transactions involving Joint Operations and Joint Venture, applying the provisions of IFRS11 and IAS 28, respectively. Lastly, students will be able to prepare statement of liquidation for financially distressed corporations. In the conduct of these activities, students are expected to maintain integrity, embodying a true Lasallian value of Christianity.

Prerequisite: Acct203

ACCT602**6 units****ADVANCED ACCOUNTING 2 (ACCOUNTING FOR GOV'T & NON-PROFIT ORGANIZATIONS & BUSINESS COMBINATION INCLUDING FOREIGN CURRENCY TRANSACTIONS)**

Advanced Accounting 2 is a continuation of Advanced Accounting 1. This primarily deals with topics in accounting that covers business combinations and accounting for inter-company transactions entered into by these firms. Included in this course are accounting for non-profit organizations and the government's national accounting system. The course will also expose students to transactions involving foreign operations. This six-unit course is intended

to train students for their preparation in their Licensure examination and for them to acquire the necessary skills in accounting that will prepare them to analyze complex business transactions.

At the end of the course, the students will be able to manifest skills in analyzing and accounting for transactions involving business combinations accounted for using acquisition method and special problems involving mergers and parent-subsidary transactions. The students are likewise expected to prepare consolidated financial statements in accordance with the relevant International Financial Reporting Standards. In this course, the students will also be able to record transactions involving home office and branch transactions. To simulate all the learning, the students will be required to answer a comprehensive problem in business combination. They will prepare a consolidated working paper covering transactions from acquisition up to the eventual preparation of consolidated financial statements for years subsequent to acquisition date. The students are expected to journalize transactions of non-profit organizations, identify the differences between the accounting system of government (including its instrumentalities) and private corporations, record the effects of changes in foreign exchange and translate foreign financial statements to presentation currency. All these will equip students in their preparation for a long term professional accounting career, responsive to the challenges and dynamics set by the profession while maintaining the highest degree of integrity and ethical standards.

Prerequisite: Acct601

PRMGT100**3 units****PROJECT MANAGEMENT**

This course introduces project management from the standpoint of a manager who must organize, plan, implement, and control tasks to achieve an organization's schedule, budget, and performance objectives. Tools and concepts such as project charter, scope statement, work breakdown structure, project estimating, and scheduling methodologies are studied. Microsoft Project software is utilized to manage a project from start to deployment. Students explore project management with a practical, hands-on approach through case studies and class exercises.

At the end of the course, students are expected to have applied project management tools, techniques, and skills to successfully shepherd a small group project from start to completion.

Prerequisite: ACCT203

MACC102**3 units****PERFORMANCE MANAGEMENT SYSTEM**

The purpose of this course is to understand the importance of Performance Management in business and how it can contribute to measure the level of strategy implementation towards results of a company or institution.

Students will therefore obtain a basic understanding about the critical aspects, when developing a performance management & measurement system. The focus will especially be driven on the technique of the balanced scorecard (BSC), which combines financial and non-financial ratios to an integrated framework of strategic leadership and controlling.

Prerequisite: PRMGT100

MACC901 3 units SUSTAINABILITY AND STRATEGIC AUDIT

This course delves into concepts and approaches in conducting sustainability and strategic audits. In sustainability auditing, students learn how to take an inventory of all of the policies, procedures and practices of an organization relative to environmental responsibility, social equity, and economic development, and compare these to the best practices in the industry. In strategic auditing, students acquire knowledge and skills on how to review a company's business plan and strategies to address weaknesses and shortcomings, capitalize on strengths, and achieve successful business outcomes.

At the end of the course, students are expected to be able to conduct a sustainability and strategic audit of a business enterprise.

Prerequisite: STRAT100; ACT401

MACC201 3 units UPDATES IN MANAGERIAL ACCOUNTING

This course is intended to expose students to the recent trends and developments in the field of Management Accounting. In today's competitive environment, management accounting information has moved from its traditional score-keeping role to a more attention-getting, problem-solving, and even strategic planning and implementation role. Students get to appreciate how management accountants become a critical member of the top management team.

Students of this course are expected to (1) identify recent developments in management accounting that includes, but not limited to, subjects on expansion from product to channel and customer profitability analysis, (2) recognize the role of management accountant in enterprise performance management (EPM), (3) familiarize themselves with predictive accounting, (4) venture into basics of business analytic and (5) identify the skills and competencies needed to understand behavioral cost management.

Prerequisite: ACCT502

MACC204 3 units MANAGEMENT REPORTING

This course shows students the information needed for high level decision making and how to present this information in a report that is clear, effective and easy to use by top management. The course starts with analyzing the corporate environment then it will introduce an innovative balanced scorecard model which integrates corporate governance elements (related to investors, regulators and creditors) with other balanced scorecard elements. It will cover a

portion of Enterprise Risk Management (ERM) as per the Committee of Sponsoring Organizations of the Treadway Commission (COSO) and describe how to present the impact of risk on corporate objectives.

In addition, the course will help students on how they can use practical tools to incorporate into the management reporting. Critical thinking skills and effective communication skills are targeted by this course, as it covers effective and efficient reporting to management.

The course intends to produce students who can:

(1) prepare an overview of company performance, (2) appraise important KPIs from different departments to measure efficiency, (3) analyze the corporate situation in an innovative balanced scorecard and show the effect on objectives, (4) identify which <risk reports> to report and send to the board and senior management and what they should include and (5) provide to the board valuable information from management accounting that is not available in regular financial reports.

Prerequisite: ACCT502

MACC701 3 units ACCOUNTING RESEARCH METHODS

The focus of this course is on applied accounting research. It is intended to provide the learners with a strong foundation in the conceptualization and operationalization of research, how to design a research project, and skills in the utilization of a wide range of research methods. The foregoing are fundamental to designing and implementing a successful research project. The objective of the course is to prepare the learners to conduct quality research using various approaches, including qualitative, quantitative, mixed methods, action research, and outcome-based research. It instructs the learners on the research process as applied to the pursuit of an accountancy research project directed at solving an accounting or finance problem. The final segment of the course consists of constructing a research proposal that serves as the basis for the study that learner conducts in the next research course, which allows him to apply research concepts and techniques in an actual research undertaking.

Students are required to produce and defend a research proposal on a particular topic, as basis for the actual applied accounting research project in the subsequent research course.

Prerequisite: PCom

MACC702 3 units MANAGEMENT ACCOUNTING RESEARCH

This is the continuation of the course Methods of Research. This is the second of two courses concerning conducting empirical research relevant to the field of Management Accounting. This course is intended to serve as an integrative capstone to a professional Management Accounting degree program. It is designed to enable the learners to produce a thesis of general relevance to the professional practice of Management Accounting. The primary emphasis of the course is on developing skills for comprehending

research output in an applied and professional context through the use of a series of existing research papers in Management Accounting that have immediate real world relevance. Research reporting includes developing and summarizing the findings, drawing conclusions, and making recommendations. Also, as part of this course, learners will also be exposed to the peculiar features and distinct format of thesis, dissertation and publishable research. Finally, in this course, the learners are not only expected to pass the final oral defense of their undergraduate thesis but also equip themselves with basic analytical techniques.

At the end of the course, the students are expected to present and defend a completed undergraduate thesis on Management Accounting. It is aimed by this research program to develop Management Accountants who are effective communicators and socially responsible Christians in the process of doing data gathering procedures.

Prerequisite: MAC701

MACC801 **6 units** **MANAGEMENT ACCOUNTING INTERNSHIP**

This field-based course is intended for the learners in their final semester in the Management Accounting Program. This On-the-Job Training course provides an industry-based placement to undergraduate Management Accounting students with the opportunity to undertake fully coordinated and supervised work experience that assist them in the refinement of their accounting skills including enhancement of discipline-based competencies and selected functional areas, as they continue to develop their professional portfolio and become more responsive to the demands of the Management Accounting profession. This course exposes the learners to the first-hand experience in an actual working environment relevant to their chosen field of specialization. This cooperative work experience in the field of Management Accounting allows them an opportunity to operationalize the knowledge, skills and abilities gained in the four corners of the classroom. This competency-based progression culminates in the learners who take an active role within their placement site, as they prepare to enter the workforce.

At the end of this course, students should be able to complete the 400-hour internship experience. Each internship assignment shall meet the following requirements: (1) Be substantial and practical, including analysis, evaluation, and application of business accounting, and auditing concepts; (2) Be subject to periodic documentation of progress and review by both the employer and the College Dean (or in his/her absence, the College Chairperson); and (3) Culminate a final evaluation prepared by the employer; and a final course grade awarded by the College Dean.

Prerequisite: Completion of at least 80% of courses in the entire curriculum

ACCT121 **3 units** **STRATEGIC BUSINESS ANALYSIS** **(MANAGERIAL ACCOUNTING)**

This course equips accountants with key concepts and tools useful in providing managerial information for planning, control, and decision-making purposes. It emphasizes how data can be analyzed and interpreted to support the achievement of business objectives. It includes (but not necessarily limited to) such techniques as financial planning & budgeting, responsibility accounting & transfer pricing, balanced scorecard, and differential analysis.

At the end of the course, students are expected to pass a comprehensive exam covering all topics taken up. In addition, students are required to develop a simple budgeting system and prepare a sample master budget for a small business or cooperative.

Prerequisite: Acct501

ECON105 **3 units** **MANAGERIAL ECONOMICS**

This course covers both basic microeconomics and managerial economics concepts. It introduces basic microeconomics to students including the concepts of and factors affecting supply, demand, market equilibrium, price elasticity of demand, market structure, production, and cost functions - topics that are given priority as these are covered in the CPA board exams. In the managerial economics part, students learn the concepts of profit and wealth maximization, corporate social responsibility, price determination, and characteristics of the different markets. Economic tools are also introduced to students to aid them in their analysis and decision making on the cases and problem exercises presented in class. This basically trains students to become good decision makers in the area of business management.

At the end of the semester, the students are expected to create their own case that is anchored on any of the topics included in the course and applying the different economic and mathematical tools, and the economic principles that should be observed by business, societies and individuals. They are expected to be able to present the case in class

MACRO **3 units** **MACROECONOMICS**

Introduces the students to the different topics concerning national economic issues and measures of economic performance such as GDP, unemployment and inflation, fiscal and monetary policies, international trade, and foreign exchange rates. These are the topics given priority as these are covered in the CPA board exams. Additional topics concerning the macro economy such as national income determination, employment, price levels, taxation, and agrarian reform are also taken up. The course creates awareness among students on how individual decisions affect the aggregate so that they will make more socially responsible decisions.

Students will be asked to create an economic agenda that they think will boost the economic standing of the country considering its present state. The agenda should be able to touch the pressing economic issues of today and make recommendations that incorporate sound economic policies.

Prerequisite: Econ105

ECONE11 **3 units** **ECONOMIC DEVELOPMENT**

Deals with problems and constraints for growth of developing countries in line with their national goals by discussing the past and present development strategies including the effects of globalization.

The students are expected to discuss the ethical dimensions of development strategies that helps alleviate poverty conditions. The students are expected to develop international perspectives, foster concerns for global issues while raising awareness of own responsibilities at a local, national and international level. The course aims to develop in students values and attitudes that will enable them to achieve a degree of personal commitment in trying to resolve the issues, appreciating their responsibility as citizens of an increasingly independent world.

Prerequisite: MACRO Economics

FINMA1 **3 units** **FINANCIAL MANAGEMENT**

This course provides the synthesis of financial policy into a grand strategy which integrates organizational purpose and goals. This course is a three-unit subject, which aims to introduce the student to financial management as a function and role of finance, a vital aspect of a business organization. The course is an introduction to advanced finance subjects, to the preparation and presentation of feasibility studies, and as a core subject for all business programs. Students' effective communication skills will be honed in this course as they will be presenting cases in class.

Students should be able to pass the comprehensive examination given at the end of this course. The exam should test the students' skills in financial analysis (interpreting and analyzing financial statements for indications of business performance), cash flows analysis, operating and financial leverage. Students should also be able to do financial forecasting, planning and control, and apply concepts that would enable them to answer cases involving working capital management, capital structure issues, sources of short-term and long-term financing. This course also focuses on enabling the students to use basic firm valuation techniques and analyze the following: investment decision processes, financing, and dividend policy structures asset management and financial strategies and portfolio theory. Likewise, the course intends for the students to properly share firm wealth by answering problems on dividend distributions, share repurchase and other payouts. Finally, the course gives an avenue for the students to examine the main types of derivative

contracts: forward contracts, futures, swaps and options, and how these instruments are used in managing and modifying financial risks.

Prerequisite: Acct201

FINMA2 **3 units** **FINANCIAL MARKETS**

This course gives fundamental knowledge on the structure, function and role of the financial system in light of the complex web of links and interconnections between capital providers and users of capital. The course will cover financial intermediaries, financial instruments and the different markets where credit institutions are active players.

The students should be able to describe characteristics of equity investments, security markets, and indices, fixed income securities and their markets, yield measures, risk factors, and valuation measures and drivers. The candidate should also be able to analyze industries, companies, and equity securities. In the conduct of the course, students should be able to explain the important characteristics of the markets in which equities, fixed-income instruments, derivatives, and alternative investments trade. Acquired knowledge on market organization and structure will allow them to describe market classifications, types of assets and market participants, and how assets are traded. Throughout the course, the students will be able to explain how security market indices are constructed, managed, and used in investments. In addition, the students will be able to classify different markets in accordance with their efficiency to which market prices reflect information. As to fixed income market, the course intends for the students to be introduced to the elements that define and characterize fixed-income securities. They are also expected to describe the primary issuers, sectors, and types of bonds.

Prerequisite: FinMa1

INFOT1 **3 units** **IT APPLICATION TOOLS IN BUSINESS** **(CONCEPTS & PRODUCTIVITY TOOLS)**

This course tackles the basic concepts of information technology geared towards business systems and its significance to the profession. It discusses the fundamentals of the computer systems, data processing concepts, development of computing device leading to network principles, and internet technologies. The course aims to enrich students' prior knowledge and skills in the use of the computer and computer applications through hands-on manipulation of office productivity programs such as MS Word, MS PowerPoint and MS Excel. Completion of this course prepares them to use technology responsibly and skillfully to address academic and future professional demands.

At the end of the course, students are expected to render an oral presentation and submit a soft copy therewith on concepts learned in the subject by utilizing computer applications tackled in the course.

INFOT2 3 units
ACCOUNTING INFORMATION SYSTEM

This course establishes students to the systems that produce financial information for organizations. Although discussions will cover information systems as a whole, particular emphasis will be placed on financial transaction cycles and business processes in the accounting information systems (AIS). It will also cover risks and controls involved in the processing of financial transactions in an information technology environment. Once the overall understanding of the theory and manual processing is accomplished, students will harness their understanding in an automated environment using SAP, a widely-used financial application by many local and international businesses to process their financial information.

Students are expected to implement processes and controls, present and defend a working accounting information system prototyped for a company to gain knowledge and skills with more relevance in today's business world.

Prerequisite: INFOT1

COMLAW1 3 units
LAW ON OBLIGATIONS AND CONTRACTS

This course is the first in the series of four courses that cover business laws including their legal implications. This course deals with the laws governing obligations and contracts and application of these concepts to practical problems. It deals with the study of the basic rights and duties of a debtor and a creditor in the performance of their respective obligation/s. Topics discussed include the nature and effects of obligations, the extinguishment of obligations, the creation of contracts, the basic nature and kinds of contracts, and defective contracts.

Students will prepare their own contracts complete with all its necessary elements: (1) offer; (2) acceptance; (3) consideration; (4) mutuality of obligation; (5) competency and capacity; and, in certain circumstances, (6) a written instrument.

Prerequisite: None

COMLAW2 3 units
LAW ON NEGOTIABLE INSTRUMENTS

This course is the second in the series of four courses that cover business laws including their legal implications. This course covers the law on negotiable instruments in general, their form and interpretation, their consideration and negotiation, the rights of the holders thereof and the liabilities of the parties thereto. It includes presentment, notice of dishonor, and discharge of negotiable instrument. Topics discussed include the meaning of acceptance, presentment for acceptance, acceptance for honor, and payment for honor. This course also contains discussions on bouncing checks.

Students will prepare their own negotiable instruments complete with all the requirements for the instrument to be negotiable: (1) in writing and with signature or maker or drawer; (2) unconditional promise or order; (3) date of payment; (4) payable to order or bear (5) name of drawee.

Prerequisite: ComLaw1

COMLAW3 3 units
LAW ON BUSINESS ORGANIZATIONS

This course is the third in the series of four courses that cover business laws including their legal implications. This course is intended to give the students a broad knowledge of legal provisions governing business associations - partnership, corporations (including foreign corporations), and cooperatives. The course discusses their organization/formation, registration, administration, rights, powers, duties and obligations, dissolution, liquidation, and other relevant topics. The power and obligations of the board of directors and stockholders, statutory books, records and returns required for a corporation, and securities regulation are also discussed. This course also provides basic knowledge on the Law on Cooperatives.

Students will prepare their own partnership agreement and articles of incorporation, complete with all the necessary requirements they desire to establish in their own business organizations.

Prerequisite: ComLaw1

COMLAW4 3 units
LAW ON SALES, AGENCY AND CREDIT TRANSACTIONS

This course is the fourth in the series of four courses that cover business laws including their legal implications. This course deals with the law on sales, its nature, form and requisites. It discusses the rights and obligations of the vendor and vendee including remedies in case of defaults. It also covers applicable laws on installment sales. The course also provides the students an understanding of the law on credit transactions such as pledges, real mortgages and chattel mortgages. It also discusses the insolvency law as well as corporate rehabilitation.

Students will prepare their own mortgage contract complete with clauses and requirements necessary to make the contract effective.

Prerequisite: ComLaw1

COMLAW5 3 units
REGULATORY FRAMEWORK AND LEGAL BUSINESS ISSUES

This course provides basic knowledge on the laws on other business transactions, to wit: PDIC Law, Secrecy of Bank Deposits and Unclaimed Balances Law, General Banking Law with emphasis on loans, AMLA Law with emphasis on covered transactions, suspicious transactions and reportorial requirements, the New Central Bank Act with emphasis on legal tender power over coins and notes, conservatorship and receivership and closures, and the Intellectual Property Law (except provisions under part I) with emphasis on the Law on Patents, the Law on Trademark, Service Marks and Trade Names, and the Law on Copyright.

Students will use the principles of the aforementioned legal provisions to address certain legal cases to be presented in a moot court setting in the classroom.

Prerequisite: ComLaw1

TXTN1**3 units****INCOME TAXATION**

This introductory taxation course is primarily concerned with income taxation. Students will have their initial exposure to the Philippine income tax system. The course is divided into six main topics: general principles of taxation, classification of income tax payers, different sources of income, final tax, income taxation of individuals, and income taxation of corporations. The objective is to develop a working knowledge on basic principles and rules of the income tax system in the Philippines as they apply to individuals, partnerships and corporations. This course also covers different tax remedies.

Students will prepare BIR Forms on income taxes specifically BIR Form 1604CF or the Annual Information Return of Income Tax Withheld on Compensation and Final Withholding Taxes and BIR Form 2306 or the Certificate of Final Income Tax Withheld.

Prerequisite: Acct201

TXTN2**3 units****BUSINESS TAXATION AND OTHER TAXATION TOPICS**

This taxation course deals with business taxes. Students will be able to identify the business taxes required for each type of taxpayer engaged in business such as percentage taxes and value-added tax (VAT). They will also be able to determine inclusions in gross estate and gross gift, allowable deductions, and the computation of transfer taxes such as estate and donor taxes. This course also covers other taxation topics such as taxation under the local government code, preferential taxation, Senior Citizens Law, Magna Carta for Disabled Persons, Special Economic Zone Act, Omnibus Investments Code, Barangay Micro-Business Enterprises (BMBEs) Act, Double Taxation Agreements, and tariff and customs code.

Students will prepare a testamentary will with all its necessary elements. They will also prepare BIR Forms on transfer and business taxes specifically BIR Form 1801 or Estate Tax Return, BIR Form 1800 or Donors Tax Return and BIR Form 2551M or Monthly Percentage Tax Return.

Prerequisite: Ttxn1

TXTN3**3 units****Strategic Tax Management**

This subject aims to enable students to consolidate prior tax knowledge of both individuals and businesses and specifically provide them with advanced and practical knowledge to apply established tax principles, practices and case law decisions to analyze various business situations and problems for making their business operation and investment decisions, with particular reference to cross-jurisdiction tax issues.

Students should be able to formulate and carry out basic planning ideas and strategies in relation to individual and business transactions in order to minimize their explicit tax liabilities or enhance their tax efficiency and effectiveness.

Prerequisite: TXTN2

OMTQM**3 units****OPERATIONS MANAGEMENT AND TQM**

This course introduces the students to the nature, scope, functions and importance of production and operations management in business. It includes discussions on productivity, competitiveness and strategy, forecasting, production, system design, process selection and capacity planning. The students are also exposed to facilities layout, design of work systems, quality, scheduling and just-in-time manufacturing systems. Cases will also be used to illustrate and apply the basic production and operations concepts and tools commonly used in the business firms. The course also introduces the fundamental concepts of total quality management and its importance, its philosophy as an approach to doing business, and how it can increase productivity by utilizing the resources of an organization that will benefit the society.

The course requires the students to understand operations management's relevance as one of the major functions of business and its role in improving the quality of life. The students are expected to develop decision making, analytical, synthesis, and problem solving skills from an operations management viewpoint through case and quantitative operations problems.

MGTSCI**3 units****MANAGEMENT SCIENCE**

Covers review/discussion of basic statistics principles, regression analysis, time-series analysis, non-parametric statistics, and quantitative analysis techniques such as matrices, graphic linear inequalities, graphical sensitivity analysis, linear programming, simulation, optimization theory, decision analysis, and decision trees. The introduction of concepts via cases in decision-making related to operations and strategies in preferred whenever appropriate.

Students are expected to enhance their ability to perform the quantitative analysis necessary, understand the usefulness and limitations of the methods, recognize situations where the methods can be applied beneficially, and be aware of the issues involved when utilizing the results of the analyses.

STRAT100**3 units****STRATEGIC MANAGEMENT**

This course provides the framework for the development of long-term strategies for an entire organization to carry out its goals and objectives effectively. The course covers the process of long-range planning from the context of decision-making of the organization.

The students are expected to apply knowledge in management, marketing, accounting and finance in determining a business unit's strengths/weaknesses and core competencies. During the duration of the course, they will undertake a business environment scan and analysis, and prepare a strategic plan for a business.

Prerequisite: Should be in the 4th year level.

IBT100**3 units****INTERNATIONAL BUSINESS & TRADE**

This introductory course focuses on the core concepts and techniques for entering the international marketplace. Emphasis is on the effect of sociocultural, demographic, economic, technological, and political-legal factors in the foreign trade environment. It covers a variety of topics to illustrate the unique nature of international business including the patterns of world trade, currency exchange and international finance, globalization of the firm, international marketing, and operating procedures of the multinational enterprise. International business and trade in the Asian and ASEAN contexts is highlighted.

Each student is expected to develop a Foreign Market Opportunity Assessment. He/she chooses a company, product or service and a country. The company could be imaginary or real. The purpose of the project is to reinforce information covered in the course, which represents a macro perspective, but the project is on a micro or firm level perspective.

SAPP**3 units****STATISTICAL ANALYSIS WITH SOFTWARE APPLICATION**

This course introduces the student to basic statistical concepts and methods of statistical inference. It deals with both descriptive and inferential statistics. It emphasizes the role of statistics in interpreting research results. It covers sampling, the collection and presentation of data, frequency distributions, graphs, measures of central tendency, measures of variability, measures of relationship, the normal distribution, and tests of hypothesis. Students are taught the use of the statistical software SPSS in analyzing data.

After course completion, students are expected to be able to use statistical tools in studying and resolving business problems especially those relating to accounting and finance issues.

LITEA**3 units****LIVING IN THE IT ERA (For Accounting)**

The course provides students with an overview of the current trends in information technology that drives today's business. The course will provide understanding on data management techniques that can help an organization to achieve its business goals and address operational challenges. This will also introduce different tools and methods used in business analytics to provide the students with opportunities to apply these techniques in simulations in a computer laboratory.

*** BA102****3 units****BUSINESS ANALYTICS 2 - FUNDAMENTALS OF DATA WAREHOUSING**

The course is designed to introduce students to the fundamentals of data warehousing for managers. Data warehousing is used in business intelligence, enabling managers to make critical decisions based on different business transactions.

Managers of businesses should be able to see opportunities for exploiting data coming from transactions using data warehousing. This provides a discussion on how to adapt data warehousing as an approach for managing data, highlighting the needed resources to roll out a data warehouse.

*Aligned with (similar with, AIS106)

BA103**3 units****BUSINESS ANALYTICS 3 - DESCRIPTIVE ANALYTICS**

The course aims to introduce students to the fundamentals of descriptive analytics. Descriptive analytics makes use of business transactions to enable managers to visualize how the company is performing. The course will enable the students to prepare reports using descriptive analytics tools ranging from spreadsheets to dashboards.

BA104 (ALIGNED WITH AIS201, BUSINESS ANALYTICS)*3 units****BUSINESS ANALYTICS 4 - PREDICTIVE ANALYTICS**

The course is designed to introduce to students the fundamentals of predictive analytics. Through this course, students are trained to process voluminous data to be used for prediction, classification and association, making it essential for projections, forecasts and correlations. The use of historical data to examine various trends and behaviour patterns are explored, applying statistical models and techniques to be able to predict what might happen in the future.

BA105 (Aligned With Ais202, Updates In Information Systems)**3 units****BUSINESS ANALYTICS 5 - PRESCRIPTIVE ANALYTICS**

The course aims to provide the students with applications that help organizations develop insights to make decisions from current data that help maximize the organization goals. Through this course, learners are allowed to recommend a number of different possible actions and guide them to finding the optimal solution. Using optimization and simulation techniques, learners will attempt to quantify the effect of future decisions in order to advise on possible outcomes before the decisions are actually made.

ACCT204 **6 units**
INTERMEDIATE ACCOUNTING 4
(WITH ACCOUNTING STANDARDS AND
REPORTING)

This course covers an extensive discussion and practical application of the currently applicable Philippine Accounting Standards (PAS) and Philippine Financial Reporting Standards (PFRS) relative to the recognition, measurement, valuation and financial statement presentations of current liabilities (including provisions and contingent liabilities), bonds payable, notes payable, shareholders' equity, retained earnings, and contemporary issues like leases, accounting for income taxes, post-employment benefits and other employee benefits. The students will also be exposed to cash and accrual basis accounting, integrating all topics in financial accounting. The course is structured in such a way that it challenges the students to their full potential, encourages synergy, collaboration and dialogue in an environment that is fraternal, caring, and respectful. The course prepares the students to be responsible in the world of work, family, nation and the Church.

At the end of the course, the students should be able to interpret and apply accounting standards related to the recognition, measurement, valuation and financial statements presentation and disclosures of Current and Non-current Liabilities, components of the Shareholders' Equity, Leases, accounting for Income Taxes, Employee Benefits and Post-employment Benefits. The students are expected to prepare financial statements for Tax purposes and reconcile the difference with financial accounting Income. The students are likewise expected to prepare Income Statement under accrual basis accounting as a migration from cash basis account.

Prerequisite: Acct 203