

FOREWORD

This is a compilation of syllabi that were developed from the online collaborative work of the nACPAE Board Members (FY 2017-2018), Accountancy Educators, and Industry Sectors which can serve as bases for the delivery of the New Accountancy Programs for the first batch of K to 12 graduates this coming Academic Year 2018-2019. The syllabi are **not** the required CHED syllabi. This is still a **work in progress** and when completed will undergo evaluation from the CHED Technical Panel and Board of Accountancy.

**nACPAE Board of Trustees
FY 2017-2018**

Professional Courses not Directly Related to CPALE

Course Title: Operations Management and TQM

Course Units: 3 units

Course Description:

This course focuses on managing complex management system and processes to produce and distribute products and services efficiently and effectively thru the various TQM frameworks, concepts, and quality improvement tools necessary for implementing the quality culture that characterizes world-class organizations of the 21st century. It will introduce concepts around the ISO standards for performance excellence and explore the key actions necessary for transforming government and non-governmental organizations into world-class organizations that deliver ever-improving value to their customers, clients, and constituents. It emphasizes on the interplay between financial effects of quality operations to financial performance.

Course Objectives:

- After completing this course, students should be able to:
 1. • Identify and explain the basic concepts in Total Quality Management (TQM)
 2. Differentiate between product quality characteristics and service quality characteristics
 3. • List the key steps in the control of quality
 4. • Distinguish between quality of design and quality of conformance to design
 5. • Explain the process of planning for quality
 6. • Explain the system of documentation, implementation and assessment of quality
 7. • Identify and explain specific tools and techniques for quality improvement
 8. Explain the role of external and internal customers in setting quality parameters

Course Contents:

1. Nature of TQM
2. TQM Gurus and their Contributions to TQM
3. TQM Models and Processes
4. Statistical Process Control (SPC)
5. Quality management, process design and implementation
6. Quality System
7. Quality Assurance and Improvements Techniques

Course Title: Strategic Management

Course Description:

This course deals with the standards in the presentation of current and up-to-date concepts in strategic management. It includes strategic leadership, implementation, and entrepreneurship. It would enhance the capability of the students to adopt strategic management and strategic competitiveness as applied and practiced in the corporate world. This course will put emphasis on methods such as case studies and experiential learning in delivering instruction to students, thereby allowing them to think critically and develop informed judgment that is doable and practical in a business setting.

Course Objectives

- Identify and assess a company's strengths and weaknesses, and match them with its opportunities and threats to suggest four alternative strategies
- synthesize data and information that supports company decision-making to improve customer satisfaction, and overall financial performance

- Describe the generic and business-specific factors that reflect a company's overall operational performance, and its performance in its business units and functional business areas including corporate ethical, and social responsibility

Course Outline:

1. Environmental Analysis
2. Strategic Formulation
3. Strategic Planning
4. Strategic Implementation
5. Strategic Evaluation

Course Title: Management Science**Course Description:**

This is a course on the use of Management Science in solving management decision problems and is meant to assist students in acquiring a special competence in the scientific management approach to problem solving. It aims to provide students with an awareness of standard tools in Management science/Operations Research (MS/OR), and an appreciation of relevant techniques in mathematical model building, mathematical programming and decision analysis. The course also seeks to develop within the student the ability to recognize potential application areas in their future jobs, as well as the meaningful utilization of the Management Science tools and techniques in the government, the local industry, and in business, particularly in the areas of finance, marketing, production, and human resource management.

Course Objectives:

1. identify how decision making models impact competitive performance.
2. use operations models in making economic decisions that offer the potential to change the competitive balance in a wide range of industries.
3. perform the necessary quantitative analyses, understand the usefulness and limitations of the methods,
4. and recognize situations where the methods can be applied beneficially and issues involved when utilizing the results of analyses.

Course Outline:

Overview of Management Science
System of Linear Equations and Inequalities
Linear Programming: Graphical Method
Linear Programming: Simplex Method, Transportation Problem,
Assignment Problem,
Decision Theory.

Course Title: International Business and Trade**Course Description:**

This 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. The course illustrates 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. It demonstrates how international business variables affect the trade process. It highlights the realities of international business; some of its advantages and its problems that come when business is conducted on the international stage. Finally, the course studies the world trading system, including the World Trade Organization (WTO) and international trade agreements.

Course Objectives:

1. explain the patterns of world production and trade and the benefits that may be derived therefrom
2. analyzes and compares the instruments of trade policy and evaluates their impact on domestic and international welfare
3. analyze international commercial terms (Inco-terms) PWC)
4. Relate how international transactions affect international taxation (PWC)
5. Explain the Impact of ASEAN-related arrangements on International Business (PWC)

Course Topics:

A. Background for International Business

- the definition international business
- the rise of globalization
- the U.S. position in international trade

B. Theories of International Trade & Investment

- the advantages of specialization
- the concept of comparative advantage

C. The International Monetary System

- the role of the International Monetary Fund (IMF)
- fixed and floating exchange rates
- the impact of European currency (EURO)
- be able to calculate foreign exchange rates

D. International Financial Markets

- how a foreign exchange market functions

E. Economic Integration among Countries

- the levels of economic integration
- the various arguments of economic integration
- the organization of the European Community

F. Trade and Investment Policies

- the role of foreign aid in international trade and investment
- the goals and function of GATT and NAFTA

G. Politics and Laws

- the reasoning behind the regulation of international business behavior
- the Foreign Corrupt Practices Act
- the role of international law in the conduct of international business

H. The Cultural Challenge

- the role of culture in international business
- identify various elements of culture

I. Starting International Operations

- various entry strategies used by firms to initiate international business activity
- indirect exporting and importing
- advantages and disadvantages of licensing

J. International Logistics

- international logistics
- the usefulness of free trade zones
- international taxation

K. International Marketing

- how a foreign target market is selected
- the pricing strategy for export items
- analysis for estimating market potential

L. International Human Resources

- the objectives of human resource management in an international firm
- how the HR function changes as a firm goes global
- differences and similarities of training employees in different countries

Course Title: Statistical Analysis with Software Application

Course Description:

This course provides a fundamental understanding of the concepts of statistical inference necessary to effectively employ statistical methods in contemporary business situations. It is designed to use the appropriate statistical techniques and any available software application that will facilitate a data-driven decision-making process in the field of accounting and other related areas. In addition to the more complex software for data analysis, it required that the students to be highly proficient with the use of MS excel for Statistical Analysis .

Course Outline:

1. Basic statistical concepts and methods of statistical inference.
2. Data collection, organization, and presentation of data,
3. Measures of central tendency and variation, elementary probability,
4. Sampling and sampling distributions
5. Confidence intervals,
6. Hypothesis testing
7. Correlation and regression analysis.
8. Time series, statistical decision theory.

Course Syllabi for Board Courses

Course Title: Financial Accounting and Reporting

Course Description:

This course provides a reinforcement of basic accounting, within the context of business and business decisions. Students obtain additional knowledge of the principles and concepts of accounting as well as their application that will enable them to appreciate the production of accounting data. Emphasis is placed on understanding the reasons underlying basic accounting concepts and providing students with an adequate background on the recording of transactions, their classifications and reporting function of accounting in a service and trading concerns through the preparation of Statement of Financial Position, Income Statement, Statement of Changes in Equity, and Cash Flow Statement . Exposure through the use of practice sets, either manual or computerized system (MS Excel, Quickbooks) in recording and reporting transactions for service or trading firm is a requirement in this course. Toward the end of the course covering financial statements for corporation, there must be an introduction to regulatory reporting in the Philippines for Corporations which will be discussed in detailed at *Regulatory Framework and Legal Issues in Business*(source:PWC)

Course title: Conceptual Framework and Accounting Standards

Course Description:

This course is a study of the accounting function, its role in society, and the theory that provides the foundation for modern financial accounting. It deals with the conceptual framework for financial reporting, the Philippine Financial Reporting Standards, the Philippine Accounting Standards, and how these standards affect financial accounting and reporting for business entities. This course explains the standard-setting process, the authority attached to the standards, and the body authorized to promulgate them. It is also designed to discuss the recognition, measurement and derecognition principles as well as the pertinent disclosure requirements of the standards. The discussion focuses on the currently effective pronouncements by Financial

Reporting Standards Council, Accounting Standards Council, and Philippine Interpretations Committee.

Course Topics:

1. Nature, purpose, status, scope and limitations of the broad field of accounting theory.
2. Conceptual / theoretical accounting framework for financial reporting;
3. Objective of general purpose financial reporting,
4. qualitative characteristics of useful financial information,
5. cost constraint on useful financial information, underlying assumptions,
6. elements of financial statements; their recognition and measurement,
7. concepts of capital and capital measurement.
8. financial assets and liabilities

PWC:

Course topic must include intro to accounting framework similarities and differences between PFRS, IFRS and US GAAP. Also discuss PFRS for SME and PFRS for Small Entities.

1. Introduction – The current financial reporting environment
2. Financial reporting today
3. Global harmonisation – IFRS and US GAAP
4. The international financial reporting structure
5. The IASB
6. The IFRS Interpretations Committee
7. Local adoption of IFRS
8. The IFRS accounting framework – concepts and principles
9. Framework for setting accounting standards
10. Purpose and status of Framework
11. The objective, usefulness and limitations of general purpose financial reporting
12. Underlying assumptions – Going concern and accruals
13. Qualitative characteristics of useful financial information
14. Enhancing qualitative characteristics
15. Materiality
16. Elements of financial statements
17. Recognition
18. Measurement of the elements
19. Capital maintenance
20. Accounting conventions
21. Capital maintenance concepts
22. Valuation bases
23. Units of measurement
24. Conventions
25. Historical cost convention
26. Modified historical cost/fair value convention
27. Current purchasing power
28. Current cost accounting

Course Title: Intermediate Accounting 1

Course Description:

This course covers the detailed discussion, appreciation, and application of the Philippine Financial Reporting Standards (PFRS) on the assets, financial and non-financial of a business enterprise. Emphasis is given on the interpretation and application of the accounting standards on Financial Assets and their required disclosures.

The related internal control, ethical issues and management of assets are also covered. Exposure to computerized system in receivables, inventory and lapsing schedules is a requirement in this course.

Course Topics:

Accounting standards on Financial Assets such as Cash, Loans and Receivables, Investment in Equity and Debt Securities and Non-Financial assets such as inventories, Biological assets, property, plant and equipment, intangibles, investment property, exploration and evaluation of mineral resources assets and non-current assets held for sale.

Note from PWC:

Overall, we suggest that the financial accounting and reporting course modules be aligned with the PFRS accounting standards so that students are already familiar with particular PFRS accounting standard that governs certain FSLI's.

Course Title: Intermediate Accounting 2

Course Description

This course is a continuation of Intermediate Accounting I. It is designed to cover the discussion, appreciation and application of the Philippine Financial Reporting Standards (PFRS) on the liabilities, financial and non-financial, and shareholders' equity including disclosure requirements. It also deals with contemporary issues such as leases, employee benefits, and income taxes. Financial liabilities shall include accounts and other trade payable, loans payable, commercial paper, derivative financial liabilities, accrued expense payable, returnable deposits and current maturities of long-term debt, bonds payable, long-term notes payable while Non-financial liabilities shall include advances / deposits from customers, agency liabilities (VAT, SSS, Withholding tax, Income tax, Property tax), and warrants. Accounting for shareholders' equity shall cover contributed capital, retained earnings and other shareholders' equity accounts such as revaluation surplus, unrealized losses in FA@FVTOCI, Foreign currency translation adjustment. The related internal control, ethical issues and management of liabilities and shareholders' equity are also covered. It also deals with contemporary issues such as borrowing costs, leases, employees retirement benefits, deferred income tax, other provisions and contingencies.

Notes: pwc

At certain point, there should be a discussion of significant accounting judgements and estimates in practice including the required disclosures.

The three new accounting standards (IFRS 15, 16 and 9) and any future updates in accounting standards must be covered in intermediate accounting rather than in Accounting for special transactions.

Course Title: Intermediate Accounting 3

Course Description

This course is the culmination of Intermediate Financial Accounting cluster. It deals with the presentation of general-purpose financial statements in accordance with Philippine Financial Reporting Standards (PFRS, PASS) including Statement of Financial Position, Statement of Comprehensive Income, Statement of Changes in Owners' Equity, and Statement of Cash Flows, including the required disclosures and notes to the financial statements. It also covers reconstruction of accounts from incomplete records, cash basis to accrual accounting, single-entry system, accounting change, correction of errors, interim reporting, segment reporting, discontinued operation, book value per share, earnings per share, accounting for changing prices and application of PFRS for SMEs.

Course Topics:

Standards of financial accounting and reporting and the required disclosures for shareholders' equity and contemporary issues such as accounting for leases, income taxes, employee benefits, earning per share.

Course Title: Cost Accounting and Control

Course Description:

This course is designed to orient the students to cost accounting and control framework of business. It exposes the students to different product costing procedures. It includes accounting procedures for main products and incidental products that are manufactured simultaneously in a common process. It encompasses the costing techniques and procedures for companies that use standard costs as a benchmark for costing the products. The students must be able to assemble financial statements prepared under standard costing procedures. While its emphasis particularly dwells on the manufacturing concern, it also highlights the elements and features applicable to the non-manufacturing concerns. The course aims to help the student understand the factors and aspects necessary to come up with an effective cost system. It explores on the details of the key components of manufacturing from one department to the next, specifically materials, labor, and overhead and transcends into the understanding the flow of costs during the work in process stage until the completion of goods. It will aid them in the production of the necessary deliverables and reports pertinent to the cost system. It will enhance the analyzing and problem-solving skills of students whilst teaching them the requisites of assessing the role of cost accounting as an indispensable tool for management in planning and control for decision-making. It also discussed is the impact of environmental concerns on cost.

Note from PWC:

Students must be familiarized with common ERP's for cost accounting. Exposure may include familiarity such as the typical suspense accounts used by certain ERP's.

Course Objectives:

At the end of the course, the students should be able to:

- prepare the job order cost sheets under job order costing and the costs of production report under process costing.
- Demonstrate how materials, labor, and overhead costs are added to a product at each stage of the production cycle.
- construct the financial statements of manufacturing companies involved in joint products and by-products.
- Formulate overhead using predetermined rates and Activity-Based costing.
- Asses how cost-volume-profit are related and use CVP analysis as a planning and decision making aid. - Prepare a budget and use budgets for performance evaluation after flexing the budget
- analyzes the variances created by production whenever the actual costs incurred differ from the costs set to be incurred
- analyzes the factors and aspects necessary to come up with an effective cost system
- use cost accounting as a tool for management in planning, control, and decision-making

Course Outline:

1. Cost accounting fundamentals, cost terms, concepts, classification behavior,
2. Decision Making: Why Cost Accounting Matters.
3. Cost-volume-profit relationships,
4. Cost flows, accumulation, and reporting in a service, trading, and manufacturing business.
5. Job-Order Costing,
6. Process Costing and Cost Allocation,
7. Accounting for joint products and by-products.
8. Standard costs and variances
9. Planning, accounting, and controls for materials, labor and manufacturing overhead
10. Activity-Based Costing,
11. Just-in-time and Backflush Costing System,
12. Operating Performance Measurement.
13. Target Costing and Total Life Cycle Costing
14. ERP's for cost accounting

Course Title: Accounting for Special Transactions

Course Description:

This course deals with specialized accounting problems likely to be encountered by accountants. It exposes the learners to accounting for transactions and activities that relate to business organizations other than the corporate form. The study of the various topics in this course is based upon fundamental valuation accounting and accounting theory as applied to special income and expense recognition methods and expanded business operations.

Course Objectives:

At the end of the course, the students should be able to

1. journalize and prepare the financial reports relating to partnership formation, operation (including division of profit or loss), and liquidation,
2. use special revenue principles that are within the scope of IFRS 15 Revenue from Contracts with Customers.
3. perform accounting process or joint arrangements under PFRS 11,
4. installment sales, consignment sales, long-term construction contracts, home office, branch and agency transactions,
5. -account for foreign currency transactions (including foreign currency derivatives) and foreign currency financial statements translations.

Course Outline:

1. -Revenue principles that are within the scope of PFRS 15 that applies for installment sales, franchise and long-term construction contracts,
2. Accounting for joint arrangements under PFRS 11,
3. Accounting for home office, branch and agency transactions, and
4. Accounting for foreign currency transactions (including foreign currency derivatives) and foreign currency financial statements translations.
5. -Accounting for partnership formation, operations, dissolution and liquidation
6. -Specialized problems in partnership accounting:
7. Accounting for installment sales, consignment sales,
8. Long-term construction contracts,
9. Franchise operations,
10. accounting for insurance contracts
11. Derivatives
12. other special issues such as build-operate-transfer (BOT) and similar schemes.

Notes from PWC:

This should also cover SIC and Accounting interpretations that are industry specific and other accounting standards that are not common in practice such as PAS 41, IFRS 2, IFRS 6, IFRS 5, IAS 29.

Course Title: Accounting for Business Combination

Course Description:

This course deals mainly with consolidation and mergers, parent-subsidary relationships, and consolidated statements, including foreign subsidiaries. The other topics deal with accounting for the effects of changes in foreign exchange rates and other similar current issues. Also discussed are debt restructuring, accounting for financially-distressed corporations, accounting for the winding up of a business entity, accounting variations among countries.

Notes from PWC:

This must include PAS 27, 28, PFRS 10, 11 and 12 in addition to IFRS 3.

Course Outcomes:

By the end of the course, the student will be able to:

- Discuss the accounting methods for investments.
- Journalize transactions under the cost method of recording investments.
- Recognize, measure, present and disclose intercompany transactions.
- Prepare separate and consolidated financial statements of the parent and subsidiary companies.
- Recognize, measure, present and disclose the effects of foreign exchange rates in the financial statements.
- Account for the restructuring of debts of financially distressed corporations
- Prepare statement of affairs of corporations under the “quitting concern”.

Course Outline:

1. Accounting for business combination, and Recognition & measurement
2. : Specific Cases in a business combination
3. Special Accounting Topics
4. : Consolidated Financial Statements – Basic Considerations Procedures
5. Consolidated Financial Statements – Intercompany Transactions
6. Consolidated Financial Statements – Miscellaneous Topics
7. Consolidated Financial Statements – Complex Group Structures
8. Separate Financial Statements
9. The Effects of Changes in Foreign Exchange Rates
10. Corporate Liquidation & Reorganization

Course Title: Accounting for Government and Non-Profit Organizations

Course Description

This course involves accounting and reporting the government transactions using the Philippine Government Accounting Standards (PGAS) and the New Government Accounting System (NGAS) prescribed by the Commission on Audit and International Public-Sector Accounting Standards (IPSAS). It also covers accounting and reporting the financial and operating results of not-for-profit organizations such as NGOs, charitable institutions as well as specialized industries such as universities, hospitals, Voluntary Health and Welfare Organizations (VHWOs), banks, insurance and extractive industries.

Course Outlines:

Government Accounting Manual prescribed by the Commission on Audit.
New Government Accounting System (NGAS)
International Public-Sector Accounting Standards (IPSAS)

Course Title: Governance, Business Ethics, Risk Management, and Internal Control

Course Description:

This course is designed to prepare students for a high standard of responsibility as they enter the corporate world which continues to change in dramatic ways, where demand for competency and professionalism is always present. It aims to prepare them to be future business leaders who will play a central part in the management and resolution of critical issues involving businesses and people. They will also be equipped with basic knowledge and skills to thrive in difficult situations like economic volatility and geo-politics, among other timely issues. Topics covered include leadership as it relates to the professional accountant, the recognition and management of risks concerning an enterprise, and the application of internal control concepts and standards so as to contribute to organizational stability and growth. Also discussed in detail are the Professional Code of Ethics and the Revised Accountancy Law.

Course Objectives:

1. identify the professional standards that are expected from a professional accountant in order to ensure the benefit of all stakeholders.
2. Assess risk in the enterprise and set up of internal controls
3. Develop risk management strategies
4. Perform internal audit process
5. Identify measures for quality assurance for continual improvements.

Course Outline: (source:CIA)

1. Business Governance and Ethical Requirements
2. Foundations of internal auditing
3. Independence and objectivity
4. Proficiency and due professional care
5. Quality assurance and improvement programme
6. Governance, risk management and control
7. Fraud risks
8. Managing the internal audit activity
9. Planning the engagement
10. Performing the engagement
11. Communicating engagement results and monitoring progress

Course Title: Accounting Information System

Course Description:

This course is designed to provide Accountancy students with basic knowledge of the design, operations, risks, and controls of accounting information systems (AIS). Emphasis is placed on financial transaction cycles and core business processes vis-à-vis risks and controls involved in the processing of accounting information in a computerized environment. This course also covers analysis of the current issues in accounting information systems that have business implications and ethical considerations. The students learn about the development standards and practices for accounting information systems and gain hands-on experience in, the use of electronic spreadsheet software for advanced business analysis, and to gain hands-on experience with a commercial accounting software package. The course familiarizes students with the overall data flow systems emphasizing financial information and computerized systems for accounting. It covers discussion on basic client server technology and security for electronic transactions, general and application processing controls, and various types of electronic systems used for transaction processing. It will develop in the students the ability to identify active and passive threats to information systems and an understanding of the risks associated with the various transaction cycles and recognize the controls that reduce risks.

Course Outline:

1. Introduction to Accounting Information Systems (AIS)
2. Elements of AIS
3. Types of AIS: Batch, Online and Integrated Accounting Information System
4. Cash Receipts and Revenue Information System
5. Inventory Inventory System
6. Receivable Information System
7. Payroll System

Course Title : IT Application Tools in Business

Course Description:

The course provides an introduction to information technology and applications. The course addresses the computer proficiency requirement for future accounting professionals. Topics to be covered include word processing, spreadsheet analysis and data management, business graphics, and presentation techniques. The course provides hands-on

training using the Microsoft Office (MS Word, Excel, PowerPoint) to expose students to different business applications of computers and software and how they are applied to business environment. It also seeks to expose students in understanding the business processes of a business enterprise from the start of the business transaction down to the end process where they are exposed to a multi tiered level of user, application processing and data management. Exposure on how data is collected, stored and used by each students to understand the appetite of the business enterprise on the level of information system it would like to adapt.

Course Objective:

At the end of the course, the students should be able to:

1. Explain how word processing, spreadsheet and presentation applications are used in the business industry;
2. Explore the features of word processing, spreadsheet and presentation applications to improve efficiency and productivity of the enterprise.
3. Use word processing, spreadsheet and presentation applications to develop reports for value;
4. Use business software to perform complete accounting cycle.
5. Use data mining software for data management;

Course Outline:

- I Basic Features of Word Processing
- II Exploring the Advanced Features of Word Processing
- III. Using spreadsheet application to develop financial reports
- IV Exploring the advanced features of spreadsheet.
- V. Using presentation application for powerful business presentation
- VI. Point of Sale System, application processing and data management.
- VII. Data Mining

Course Title: Auditing and Assurance Principles

Course Description:

This course is designed to provide students with the conceptual knowledge and understanding of the fundamental theory of auditing and assurance services, and the philosophy underlying audits with emphasis on external auditing as performed by independent Certified Public Accountants and the management of public accounting practice. The course covers Generally Accepted Auditing Standards [specifically, Philippine Standards on Auditing (PSA)], the Philippine Accountancy Law, internal and external auditing, internal controls, manual records, audit objectives, audit techniques, audit programs and procedures, and audit reports. Ethical standards affecting the accountancy profession are also taken up.

Course Outline:

1. Nature of assurance and non assurance services
2. Framework for Assurance Engagement
3. Accountancy Law and Code of Ethics
4. Generally Accepted Auditing Standards , Philippine Standards on Auditing (PSA)],
5. Internal Control

Notes from PWC

Include updates on Code of Ethics for Professional Accountants regarding responding to non-compliance with laws and regulations (NOCLAR) on the IAASB's International Standards.

Course Title: Auditing and Assurance: Concepts and Applications 1

Course Title: Auditing and Assurance: Concepts and Applications 1

Course Description

This course is designed to orient the students in the application of the audit standards techniques and procedures in the risk-based audit process. The course will cover the stages of the risk-based audit process, namely *risk assessment* (preliminary engagement activities, planning the audit and performance of the risk assessment procedures) and *risk response* (designing and tests of controls and substantive test of transactions in the revenue and collection cycle, expenditure cycle and financing and investing cycle. The application of audit procedures in performing substantive tests of transactions and account balances of cash, receivables and sales shall also be included.

This course covers the detailed approaches on problems and situations ordinarily encountered in the independent examination of CASH, RECEIVABLES, INVENTORIES, BIOLOGICAL ASSETS AND AGRICULTURAL PRODUCE, INVESTMENTS (INCLUDING HEDGING INSTRUMENTS), AND PROPERTY, PLANT, AND EQUIPMENT. It deals specifically with the application of auditing standards, techniques and procedures, the evaluation of internal control, the preparation of audit working papers with computer application, and the preparation of audit adjustments pertaining to a manufacturing, trading, and service concern.

1. preparation of audit working papers;
2. introduction of computer application in auditing; audit adjustments; and independent auditor's report pertaining to a medium-sized manufacturing or trading concern.
3. The determination of audit objectives and audit programs, evaluation of internal control, and the determination of substantive procedures as applied to various accounts are better appreciated as the transaction cycle approach is employed in the course.
4. Audit working papers and audited financial statements are the natural outputs of this course leading to the preparation of the independent auditor's reports.

Notes from PWC:

Include discussion of fraud risk assessment, typical audit risk assessment procedures such as review of contracts, risk assessment analytics, going concern etc.

Discussion of entity level controls and how to design a controls-reliance approach to auditing.

Include practical discussions of common controls being relied upon and how to test such.

Discussion of basic test of details.

Course Title: Auditing and Assurance: Concepts and Applications 2

Course Description

This is a continuation of Auditing and Assurance: Concepts and Application I, focusing on financial statements audit. It deals specifically with the application of auditing standards techniques, and substantive tests of balances and analytical procedures to inventories and costs of sales, property and equipment, investments, intangible assets, deferred charges, liabilities (current and non-current), owners' equity accounts, income statements accounts. The course culminates in the discussion of completing the audit, audit report and audited financial statements preparation.

Course Topics:

Detailed approaches on problems and situations ordinarily encountered in the independent examination of INVESTMENT PROPERTY, NON-CURRENT ASSETS HELD FOR SALE, INTANGIBLES (INCLUDING IMPAIRMENT), LIABILITIES (ACCOUNTS, NOTES AND BONDS PAYABLE, EMPLOYEE BENEFITS, LEASES, AND PROVISIONS), EQUITY ACCOUNTS (INCLUDING SHARE-BASED PAYMENT), REVENUES, EXPENSES, AND DEFERRED CHARGES. It deals specifically with the application of auditing standards, techniques and procedures, the evaluation of internal control, the preparation of audit working

papers with computer application, and the preparation of audit adjustments pertaining to a manufacturing, trading and service concern.

Notes from PWC:

Apart from audit of more complex accounts, there must also be discussion of completion procedures for audit such as:

- Evaluation of audit results
- Review of financial statements
- Overall conclusion analytics
- Evaluation of misstatements
- Required communications
- Procedures for other information

Discussion of types of audit opinion issued and its interpretation including Key Audit Matters.

Course Title: Auditing and Assurance: Specialized Industries

Course Description:

This course is designed to orient the students in the application of the audit standards techniques and procedures in the risk-based audit process in specialized industries. Specialized industries includes government agencies (GOCC's & LGU's) , banking, insurance, real estate, not for profit entities, BPOs, broadcasting companies, hospitals, cooperative, academe, telecommunications, and construction companies. The course will cover the stages of the risk-based audit process, namely *risk assessment* (preliminary engagement activities, planning the audit and performance of the risk assessment procedures) and *risk response* (designing and tests of controls and substantive test of transactions in the revenue and collection cycle, expenditure cycle and financing and investing cycle. The application of audit procedures in performing substantive tests of transactions and account balances.

Course Objectives:

At the end of the course, the students should be able to:

1. Perform risk-based audit process
2. Identify the peculiarities in auditing specialized industry
3. Perform risk assessment procedure

Course Outline:

1. Application of auditing standards, techniques and procedures, the evaluation of internal control
2. Preparation of audit working papers with computer application, and the preparation of audit adjustments pertaining to specialized industries.
3. audit standards techniques and procedures in the risk-based audit process
4. planning consideration and other factors that may affect external or internal financial examinations.

Notes from SGV:

This course should identify emerging industries, industries with specialized industry practices and even industry auditing and accounting issues by exposing students to this specialized industries and practices they will have a better understanding of individual risks, planning consideration and other factors that may affect external or internal financial examinations. (i.e. cryptocurrency)

Notes from PWC:

In addition to specialized industries, this course must cover auditing procedures for significant accounting estimates and judgements, journal entry testing and revenue recognition.

Course Titles:

Course Title: Auditing in a CIS Environment

This course complements the course in auditing. It discusses information technology (IT) – related risks, security and control mechanisms and techniques that may be employed to address the risks, and the impact of computer use on the audit. It also introduces computer assisted audit techniques and tools. In this course, students gain an appreciation of the particular features and understanding of the risks involved in auditing in a CIS environment, the CIS controls they would expect to find in this particular area, how auditors use CAATs (Computer Assisted Audit Techniques) in this area. The students gain hands-on experience in the use of computers in performing audits.

This course complements the course in Auditing, but limited to the areas that have an immediate consequence to information technology (IT) as used in business. It discusses the impact of information technology on the auditor's study and evaluation of internal controls with emphasis on the previously learned IT-related risks and controls in a CIS environment. It tackles the audit of IT function as a whole and the audit of CIS in support of financial statement audit. It introduces tools and techniques in auditing around, auditing through, and auditing with the computer (using Audit Command Language [ACL] as generalized audit software [GAS]). Moreover, the course also covers emerging IT-related topics affecting the public accounting profession such as cloud computing and artificial intelligence.

This course complements the course in auditing. It discusses information technology-related risks, security, and control mechanisms and techniques that may be employed to address the risks, and the impact of computer use on the audit. It also introduces computer assisted audit techniques (CAATs) and tools. In this course, students gain an appreciation of the particular features and understanding of the risks involved in auditing in a computer information system (CIS) environment, the CIS controls they would expect to find in this particular area, and how auditors use CAATs in this area. The students gain hands-on experience of computers in performing audits.

This course comprehensively explains the theory and procedures behind and involving the audit of business entities that uses computer systems in processing their information. This course provides a background on how information is processed under a computerized system as compared to the manual system. It also discusses the detailed processes of how an auditor may conduct his/her audit under such environment. As an academic tool, this course will use the Audit Command Language software to serve as a hands-on device for students.

Notes from SGV:

This course should bridge Auditing theories with the effects of Information technology as a whole. Company's nowadays fully rely on information technology to process unimaginable volumes of data. The students should fully grasp the complexities on how Information technology changes the strategies of an external examination, how internal audit professional consider Company's data complexities, General IT environment. The goal of the Syllabi is give students a better grasp of how Information technology, innovation and even data liberalization impacts financial information generation and independent examination .

Notes from PWC

This course must include assessment of the Company's Information Technology General Control and how to assess whether automated controls can be relied upon.

Course Topics:

1. Developing and implementing a risk-based IT audit strategy
2. Impact of IT Environment to Auditing
4. COBIT standards
5. Internal Controls
6. General Controls
7. Application Controls
8. Planning and conducting the IT audit
9. 3. Computerized Assisted Audit Techniques(CAAT)

Course Title: Managerial Economics

Course Descriptions:

This course presents concepts and principles from the perspective of managerial economics. Emphasis is placed upon the importance of critical evaluation of different choices in coming up with managerial decisions in business. The course is designed such that students may understand microeconomics in a multidisciplinary manner, taking into consideration the legal, political, and social environments, among others. Learners are expected to grasp the underlying concepts, understand their relationships, analyze their effects on firms and markets, and ultimately be able to apply them in real-world situations. Topics include key measures of a business operation, demand and pricing, production and its related costs, economics of organization, market equilibrium, market structure, and market regulations.

This course is concerned about the application of economic principles and methodologies to key management decisions within organizations. It provides principles to foster the goals of the organization, as well as a better understanding of the external business environment in which an organization operates. It also deals with the microeconomic principles and quantitative tools can be used to aid managers in making sound decisions. This course presents the basic concepts of microeconomics theory with an emphasis on business applications. Its main objective is to develop students' capacity to analyze the economic environments in which business entities operate and understand how managerial decisions can vary under different constraints that each economic environment places on a manager's pursuit of his/her goals. Its focus will be on analyzing the functioning of markets, the economic behavior of firms and other economic agents under various market structures, and the economic and social implications of the outcomes. Students will learn to use economic models to isolate the relevant elements of a managerial problem, identify their relationships, and formulate them into a managerial model to which decision making tools can be applied.

This includes topics on supply and demand and the basic forces that determine an equilibrium in a market economy. It also introduces a framework for learning about consumer behavior and analyzing consumer decisions. We then turn our attention to firms and their decisions about optimal production, and the impact of different market structures on firms' behavior. By the end of the course, students will be able to understand introductory microeconomic theory, solve basic microeconomic problems, and use these techniques to think about a number of policy questions relevant to the operation of the real economy.

This course focuses on the behavior of the firm in the micro-economic context. This will help the students to understand how the firm maximizes profit and understanding behavior in different type of market structure. With this, students will able to familiarized with different decision making tools such as forecasting, marginalism, and game theory. Furthermore, this course will help the students to appreciate the use of mathematical concepts applied in business decision making..

The nature and scope of managerial economics

[edit]

- definition and scope of managerial economics
- theory of the firm
- nature and function of profit
- business ethics
- managerial economics in international framework.
- case studies:

* *The Rise of Global Corporations*

* *The Global Business Leader*

* *The World's Most Admired Companies*

Production and Cost Analysis

- The organization of production
- The production function
- Production function with one variable input
- Production function with two variable input
- Optimal Combination of Inputs

- Return to Scale
- Empirical Production Functions
- Innovation and Global Competitiveness

To explain, calculate and interpret the different variables related to Cost Theory and Estimation

- The nature of cost
- Short-run cost function
- Long-run Cost curves
- Plant size and economies of scale
- Learning curves
- Minimizing cost internationally
- The architecture of the Ideal Firm
- Cost-volume-profit Analysis and Operating Leverage
- Empirical Estimation of Cost Functions

To characterize and differentiate the typology of market structures and compute for the cost profit associated each type.

- market structure and degree of competition
- perfect competition
- competition in the global economy
- monopoly
- monopolistic competition

To characterize Oligopoly and play the games of competition

- Oligopoly and Market Concentration
- Oligopoly Model
- Sales Maximization Model
- The March of Global Oligopoly
- Strategic Behavior and Game Theory
- The Prisoner's Dilemma, Price and non-price Competition, and Cartel Cheating
- Extension of Game Theory
- Strategic Behavior and International Competitiveness

To discuss the different pricing practices and calculate the price based on different strategies

- Pricing of multiple products
- pricing discrimination
- international price discrimination and dumping
- transfer pricing
- pricing in practice

To discuss and calculate the concept of risk

- Risk uncertainty in managerial decision making
- measuring the risk with probability distribution
- utility theory and risk aversion
- adjusting the valuation model for risk
- Other techniques for incorporating into decision making
- Decision making under uncertainty
- FOREX Risk and Hedging
- Information and Risk

To explain the concept of Capital Budgeting as Long-run Investment Decisions

- Capital Budgeting
- Capital Budgeting Process
- Capital Rationing and the Profitability index
- The Cost of Capital
- Reviewing Investment Projects after Implementation

Course Title: Economic Development

This course emphasizes dynamic models of growth and development. It covers the meaning and measurement of economic development, growth theories, poverty and income distribution, the role of geography and institutions, fertility and population growth, the role of credit markets and microfinance, health and nutrition, education, female empowerment. Topics covered include: migration, modernization, and technological change; static and dynamic models of political economy; the dynamics of income distribution and institutional change; firm structure in developing countries; development, transparency, and functioning of financial markets; privatization; and banks and credit market institutions in emerging markets. Macroeconomics deals primarily with the study and determination of economic activity. More specifically, topics for discussion include national income theory, monetary policy, fiscal policy, taxation, employment, price level, international trade, economic development and agrarian reform.

After completing this course, STUDENTS SHOULD BE ABLE:

1. Explain the objectives of government macroeconomic policy and describe how they can be pursued
2. Define and measure national income and rates of unemployment and inflation.
3. Describe the causes and consequences of inflation and unemployment
4. Explain the role of the European Central Bank and how exchange rates and interest rates are determined
5. Developed and critic research paper about aggregate demand and aggregate supply model of the macro economy and use it to illustrate macroeconomic problems and possible fiscal policy and monetary policy solutions
6. Discuss the importance of international trade

Course Outline:

Economics and Its Nature

- § Economics
- § Microeconomics vs. Macroeconomics
- § The Circular Flow Diagram
- § Economic Methodology
- § The Great Depression of 1930: Start of Macroeconomics
- § Macroeconomic Wealth: The Stock Model
- § Macroeconomic School and Thoughts

Measuring the National Income Accounts

- Why an economy's total income equals its total expenditure.
- How gross domestic product (GDP) is defined and calculated.
- The breakdown of GDP into its four major components.
- The distinction between real GDP and nominal GDP.
- Whether GDP is a good measure of economic well-being.

Measuring the Cost of Living

- How the consumer price index (CPI) is constructed.
- Why the CPI is an imperfect measure of the cost of living.
- How to compare the CPI and the GDP deflator as measures of the overall price level.
- How to use a price index to compare dollar figures from different times.
- The distinction between real and nominal interest rates.

Production and Growth

- How much economic growth differs around the world?
- Why productivity is the key determinant of a country's standard of living.
- The factors that determine a country's productivity.
- How a country's policies influence its productivity growth.

Saving, Investment, And The Financial System

- Some of the important financial institutions in the Philippine economy.
- How the financial system is related to key macroeconomic variables.
- The model of the supply and demand for loanable funds in financial markets.
- How to use the loanable-funds model to analyze various government policies.
- How government budget deficits affect the Philippines economy

The Basic Tools Of Finance

- The relationship between present value and future value.
- The effects of compound growth. $\frac{3}{4}$ how risk-averse people reduce the risk they face.
- How asset prices are determined

Unemployment [edit]

- the data used to measure the amount of unemployment.
- how unemployment can result from minimum-wage laws.
- how unemployment can arise from bargaining between firms and unions.
- how unemployment results when firms choose to pay efficiency wages.

The Monetary System

- what money is and what functions money has in the economy.
- what the Federal Reserve System is. $\frac{3}{4}$ how the banking system helps determine the supply of money.
- what tools the Federal Reserve uses to alter the supply of money

Money Growth And Inflation

- why inflation results from rapid growth in the money supply.
- the meaning of the classical dichotomy and monetary neutrality.
- why some countries print so much money that they experience hyperinflation.
- how the nominal interest rate responds to the inflation rate. $\frac{3}{4}$ the various costs that inflation imposes on society.

Aggregate Demand And Aggregate Supply

- three key facts about short-run economic fluctuations.
- how the economy in the short run differs from the economy in the long run.
- how to use the model of aggregate demand and aggregate supply to explain economic fluctuations.
- how shifts in either aggregate demand or aggregate supply can cause booms and recessions.

The Influence Of Monetary And Fiscal Policy On Aggregate Demand

- the theory of liquidity preference as a short-run theory of the interest rate.
- how monetary policy affects interest rates and aggregate demand.
- how fiscal policy affects interest rates and aggregate demand.
- the debate over whether policymakers should try to stabilize the economy.

The Short-Run Tradeoff Between Inflation And Unemployment

- why policymakers face a short-run trade-off between inflation and unemployment.
- why the inflation-unemployment trade-off disappears in the long run.
- how supply shocks can shift the inflation-unemployment trade-off.
- the short-run cost of reducing inflation.
- how policymakers' credibility might affect the cost of reducing inflation.

Five Debates Over Macroeconomic Policy

- the debate concerning whether policymakers should try to stabilize the economy.
- the debate concerning whether monetary policy should be made by rule rather than by discretion.
- the debate concerning whether the central bank should aim for zero inflation.
- the debate concerning whether the government should balance its budget.
- the debate concerning whether the tax laws should be reformed to encourage saving.

This course evaluates theories of economic development in order to understand key features of the development process across countries. To do so, the course will utilize analytical frameworks, grounded in economic theory, that examine the determinants of factor accumulation by individuals, business entities, and societies. Drawing on empirical evidence on individual and societal behavior, students will evaluate the relevance of these frameworks for diagnosing root causes of economic development.

Course Title : Financial Markets

Course Description:

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 with the banking sector. The course will cover financial intermediaries, financial instruments and the different markets where credit institutions are active players. Students will learn how the money market provides debt claims for short-term money management; how the equity and bond markets provide issuers with long-term financing; how newly created financial assets are introduced through the primary market; and how electronic and floor-based equity markets differ. The course also presents an overview of the financial system and its various financial markets, instruments and institutions. You will investigate the nature and role of the main financial markets within the domestic and global environment. It also helps students to develop a series of applications of principles from finance and economics that explore the connection between financial markets, financial institutions and the economy.

This course is intended to help students understand the role of financial institutions and markets play in the business environment that students will face in the future. It also helps students to develop a series of applications of principles from finance and economics that explore the connection between financial markets, financial institutions, and the economy. Students will learn commercial banks, investment banks, insurance companies, mutual funds, the Bangko Sentral ng Pilipinas, and their role of in the economy.

Notes from PWC:

We expect that this course will also expose the students to various types of financial instruments (locally and internationally). Also, this course should also give insight on capital markets and accounting practice in such area.

Course: Financial Management

This is a three-unit course which exposes the students to the accounting aspects of finance in order to develop appropriate financial strategies. It also includes various ways on how to interpret the figures presented in the financial statements. The analysis of the financial statements may be under horizontal analysis, vertical analysis or ratio analysis. The students are therefore expected to prepare financial statements and make a corresponding analysis on these prepared financial statements. It covers different ways on how to manage the current assets and current liabilities of the business. It further includes the optimal level of cash, different policies over receivables management, optimal level of inventory and management of discounts taken over accounts payable settlement. It takes into account the proper valuation of bonds and stocks together with the appropriate risks that come with it. It encompasses the corresponding costs of different capital which may come from various sources, namely; (1) long-term debt, (2) preference shares, (3) ordinary shares and (4) retained earnings. It emphasizes the computation of costs of equity capital which may be done under Gordon growth model or capital asset pricing model. It incorporates different techniques use to analyse investment decisions, namely; (1) accounting rate of return, (2) payback period, (3) bailout period, (4) break-even time, (5) net present value, (6) profitability index and (7) internal rate of return. The students should be able to prepare a report regarding investment decisions over mutually exclusive projects and mutually independent projects.

Course Description

This course provides the synthesis of financial policy into a grand strategy which integrates organizational purpose and goals. This course covers the nature, purpose, scope and functions of financial management. This will include financial analysis (interpreting and analyzing financial statements for indications of business performance), cash flows analysis, operating and financial leverage. This will also cover financial forecasting, planning and control, working capital management, capital structure issues, sources of short-term and long-term financing. This course also focuses on the current thinking regarding valuation of the firm, investment decision processes, financing, and dividend policy, asset management and financial strategies and portfolio theory. Finally, the course includes discussion of sharing firm wealth: dividends, share repurchase and other payouts.

Course Description

This course provides the synthesis of financial policy into a grand strategy which integrates organizational purpose and goals. The focus of the course is on current thinking regarding valuation of the firm, investment decision processes, financing, and dividend policy, asset management and financial strategies and portfolio theory. This course also covers the financial analysis (interpreting and analyzing financial statements for indications of business performance and use of computers for financial analysis, assessing information weaknesses in financial statements), planning, and concept of risk. It involves the formation and use of current assets, working capital, and credit policy. The course includes the understanding of long term financing instruments and the capital structure. It also provides a conceptual framework within which key financial decisions and risks relating to corporations are analyzed. This analysis considers shareholder wealth maximization, long-term financing, capital budgeting, risk management, capital acquisition analysis, capital structure decision, valuation of financial instruments, and the dividend decision. It also examines the main types of derivative contracts: forward contracts, futures, swaps and options, and how these instruments are used in managing and modifying financial risks.

This course deals with maximizing the wealth of the business entity by applying the different working capital (cash, receivables, inventory, and other short-term resources) management methods and techniques in making short-term business decisions. This course will also deal with the identification and application of basic concepts and tools of capital structure management for long-term financing decision. Upon completion of this subject, students should have developed skills of analysis, evaluation, and synthesis in cost and management accounting and, in the process, created an awareness of current developments and issue in the area. The subject covers the complex modern industrial organizations within which the various facets of decision-making and controlling operations take place; the subject includes discussion of costing systems and activity-based costing, activity management, and implementation issues in modern costing systems.

I. COURSE DESCRIPTION:

The course provides business students with knowledge and understanding of the wide variety of uses of accounting, particularly for planning, controlling, and decision-making. This course specifically provides a deeper understanding of managerial accounting as a tool to understand business environment. This will assist students in making better decisions – as employees, managers, investors, business owners, or directors of their personal finances – any of which roles they will have at some point in their lives.

Course Objectives:

At the end of the term, the students should be able to:

Thinking & Communicating:

1. Explain and articulate the accounting information in the financial report through the use of financial analysis to make appropriate business decisions.
2. Critique and evaluate financial reports to understand on a tactical and strategic level areas of improvement in functional areas of the company.
3. Evaluate previous financial reports and measure appropriate budgets for each functional areas.

Feeling & Doing

4. Create financial reports like the Statement of Comprehensive Income and Statement of Financial Position with special focus Statement of Cash Flows.
5. Evaluate and devise Performance Metrics that will guide upper management with decision making.
6. Create a Strategic Management Paper identifying possible errors in business decisions and provide suggestions to rectify company situation.
7. Create a Master Budget and Financial Projection based on evaluation on the Strategic Management Paper.

III. EVIDENCE OF LEARNING:

- 1.) Students will analyze the **financial ratios** of their chosen companies based on Lesson 1 which was financial analysis.
- 2.) Students will create **Cash Flow Statements** based on Statement of Comprehensive Income and Statement of Financial Position and subsequently, **interpret** the results.
- 3.) Students will create and critique the financial report based on **Performance Measurements** as the basis of their Strategic Management Paper.
- 4.) Students will submit a **Strategic Management Paper** proposing possible Courses of Action to rectify errors in management decisions.

Financial Analysis

(Weeks 1 & 3)

- 1 Vertical Analysis
- 1 Horizontal Analysis
- 1 Common Statement Analysis
- 1 Trending Analysis
- 1 Financial Ratios
- 1 Liquidity Ratios
- 1 Solvency Ratios
- 1 Efficiency Ratios
- 1 Profitability Ratios
- 1 Leverage Ratios
- 1 Linkages among ratios

Learning Experiences:

- *Note taking*
- *Lecture via PPT*
- *Mcgraw-Hill E-Connect Learning Management System*

Assessment:

- *Graded recitation*
- *Seat work*
- *Diagnostic Test*
- *Chapter Review (Assignments)*

Learning Objectives:

*Refresh on Basic Financial Statements and the Information it provides;
Differentiate the Content and Purposes of these Financial Ratios and relate them to actual business environment.*

Instructional Materials:

*Managerial Accounting (Smartbook) by Garrison, Noreen, Brewer 16th Edition
Managerial Accounting (E-book) by Garrison, Noreen, Brewer 16th Edition
Mcgraw-Hill E-Connect Learning Management System*

Statement of Cash Flows

(Weeks 4 &5)

- Components of Cash Flow Statements
- Interpreting and Analysis of Cash Flow Statements
- Summary of Cash Flows

Learning Experiences:

- *Note taking*
- *Lecture via PPT*
- *Mcgraw-Hill E-Connect Learning Management System*

Assessment:

- *Graded recitation*
- *Seat work*
- *Chapter Review (Assignment)*

Learning Objectives:

*Classify cash inflows and outflows as relating to operating, investing, or financing activities
Prepare a statement of cash flows using the indirect method to determine the net cash provided by operating activities.
Compute free cash flow.*

Instructional Materials:

*Managerial Accounting (Smartbook) by Garrison, Noreen, Brewer 16th Edition
Managerial Accounting (E-book) by Garrison, Noreen, Brewer 16th Edition
Mcgraw-Hill E-Connect Learning Management System*

Master Budget

(Week 6& 7)

- Why and How do Organizations create budget?
- Master Budget: An Overview
- Preparing the Master Budget
- Summary

Learning Experiences:

- Note taking
- Lecture via PPT
- Mcgraw-Hill E-Connect Learning

Management System

Assessment:

- Graded recitation
- Seat work
- Chapter Review – Connect Cases p.411
- 1. Case 8-32 Evaluating a Company's Budget Performance
- 2. Case 8-33 Master Budget with Supporting Schedules

Learning Objectives:

Understand why organizations budget and the processes they use to create budgets.

Prepare a sales budget, including a schedule of expected cash collections.

Prepare a production budget.

Prepare a direct materials budget, including a schedule of expected cash disbursements for purchases of materials.

Prepare a direct labor budget.

Prepare a manufacturing overhead budget.

Prepare a selling and administrative expense budget.

Prepare a cash budget.

Prepare a budgeted income statement.

Prepare a budgeted balance sheet.

Instructional Materials:

Managerial Accounting (Smartbook) by Garrison, Noreen, Brewer 16th Edition

Managerial Accounting (E-book) by Garrison, Noreen, Brewer 16th Edition

Mcgraw-Hill E-Connect Learning

Management System

Course Title: Strategic Business Analysis

Course Description:

This course deals with identifying the different needs of businesses, with a thorough analysis of its internal and external environments, and developing innovative solutions which are aligned to the enterprise strategy, expectations and needs of the business. It includes analysis and interpretation of accounting data as aids in managerial decision-making process, balanced scorecard, performance evaluation, and responsibility accounting. This will equip the students the knowledge and techniques in understanding the organization and industry, assessing risks, develop alternative solutions and choosing the most feasible one, and preparing a business case.

This course provides an advanced study of the interface between modern managerial accounting and the business functions of strategic planning, marketing, manufacturing and human resource management. The accountant's role in the marketing decision areas are specifically considered. This course aims to identify the basic conventions and doctrines of managerial and cost accounting and other generally accepted principles which may be strategically applied across the various functions of a business organization; discuss a number of cost and management accounting issues relating to the design and implementation of strategic, marketing, value analysis and other management models in modern firms; and identify major contemporary issues that have emerged in business accounting.

This course identifies the professional accountant's role in the major contemporary issues and economic concepts (macroeconomics and microeconomics) that have emerged in the management consultancy practice. At the end of the course, students should be able to apply all the contemporary and relevant concepts in their preparation of an undergraduate project feasibility study. International topics in managerial finance are also integrated in this course. Formal defense of project feasibility studies will be conducted at the end of the course.

Course Title: Law on Obligations and Contracts

Course Description:

This course gives the student an understanding of the legal concepts and rules governing the law of obligations and contracts and application of these concepts to practical problems. It involves a discussion of the nature, sources, kinds, and extinguishments of contracts including defective contracts and other miscellaneous topics relevant to the course.

This course is the first in the series of three courses that cover the topic on regulatory framework governing business transactions and business organizations/associations, and of business laws including their legal implications. The courses tackle pertinent legal provisions, general principles, concepts, and underlying philosophy of the laws applicable to commerce and business.

This course covers the legal concepts and rules governing the law of obligations and contracts and application of these concepts to practical problems. It involves a discussion of the nature, sources, kinds, and extinguishment of contracts including defective contracts and other miscellaneous topics relevant to the course.

The Law on Obligations is a study of the rules governing the nature and sources of obligations. 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 arising from law, contracts, quasi-contracts, delicts and quasi-delicts. It is likewise a study of the different kinds of obligations, their nature and effects. On the other hand, the Law on Contracts is a study of the different kinds of contracts, their characteristics, the rights and liabilities of the parties thereto as well as the remedies of parties to an agreement in cases of breach and/or violations of its terms and conditions.

As a whole, the Law on Obligations and Contracts sets forth the basic nature and kinds of contracts, giving rise to obligations and the mutual duties and responsibilities each contracting party must observe. In certain cases, the law will also provide remedies for redress and recovery of losses, if not liability for damage, as the case may be.

This course will introduce to the students the legal concepts which are necessary in properly drafting, analyzing, refining a business contract, and determining the extent of obligation incorporated therein. This knowledge will aid them, in evaluating the implication of signing a contract, or proposing changes on the stated stipulations. First, they will learn the basic legal ideas and jargons during the discussion on the nature, effects, and kinds of obligations, as well as the modes of extinguishing it. Then, they will learn the essential legal aspects of a binding agreement. The following topics will be discussed: form, reformation, interpretation and kinds of defective contracts.

Course Title: Business Laws and Regulations

Course Description:

This course is intended to give the students a broad knowledge of legal provisions governing business associations - limited liability company, partnership, and corporations. Topics include: nature of partnerships; elements and kinds of partnership; formalities required; rules of management, distribution of profits, and sharing of losses and liabilities; modes of dissolution; limited partnership; nature and classes of corporations; requirements for incorporation; powers of a corporation (expressed, implied, and incidental); Board of Directors; classes of stock; powers and obligations of stockholders; majority and minority controls; corporate reorganization (mergers, consolidations, and other business combinations); modes of dissolution and liquidation; and statutory books, records, and returns required for a corporation.

The laws of associations such as clubs are also discussed.

This course is the second in the series of three courses that cover the topic on regulatory framework governing business transactions and business organizations/associations, and of business laws including their legal implications. The courses tackle pertinent legal provisions, general principles, concepts, and underlying philosophy of the laws applicable to commerce and business. The students are given working knowledge to apply the various regulatory framework measures and the pertinent provisions of the law relative to particular business scenarios. They are also familiarized with clients' rights and remedies, with the handling of disputes on regulatory issues. The various regulatory offices that they will be interacting with are discussed including basic regulations that they will derive benefit from.

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.

This course deals with the fundamental legal principles governing business transactions, business associations and dealings in securities and their legal implications to accounting and auditing situations. It covers the study of pertinent legal provisions, general principles, concepts and underlying philosophy of the laws on partnerships and private corporations as well the law on securities regulation.

This course provides the students with the foundational information about the Philippine legal system and their impact on business. The major content areas will include general principles of law, and various business laws such as law on sales, law on credit transactions (pledge, real and chattel mortgage, insolvency law, corporate rehabilitation), negotiable instruments and bouncing checks law, and law on business associations (partnership and corporation).

From: (PwC)

Fundamentals of doing business in the Philippines (Special Course / Elective Course).

This course aims to provide students with general idea on how to set up a business and what are the basic compliance requirements of doing business. This will be useful for those planning to be entrepreneurs or business consultants. The possible topics to be covered under this course are as follows:

I. Types of business entities and registrations/permit requirements (e.g. Corporations, sole proprietorship, partnership, joint venture)

- a) DTI process
- b) SEC registrations
- c) BIR registrations process
- c) Local government unit permit
- d) Social institutions (SSS, PhilHealth, HDMF)
- e) Special registrations (e.g Board of Investments, PEZA)

II. Regulatory compliance requirements:

- a) Maintenance of books and records,
- b) Issuance of invoices and officials receipts
- c) Statutory filings (DTI or SEC)
- c) Basic Labor compliance

III. Tax compliance requirements:

- a) Tax filings and reports
- b) Statutory audit, if required

Course Title: Regulatory Framework and Legal Issues in Business

Course Description:

This course is the third in the series of three courses that cover the topic on regulatory framework governing business transactions and business organizations/associations, and of business laws including their legal implications. The courses provide the students an understanding of the pertinent legal provisions, general principles, concepts, and underlying philosophy of the laws applicable to commerce and business. The students are given working knowledge to apply the various regulatory framework measures and the pertinent provisions of the law relative to particular business scenarios. They are also familiarized with clients' rights and remedies, with the handling of disputes on regulatory issues. The various regulatory offices that they will be interacting with are discussed including basic regulations that they will derive benefit from.

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.

This course also provides basic knowledge on the Law on Cooperatives and other 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.

PWC:

Can we include the familiarization on the regulatory and reporting requirements of the following:

- BIR
- SEC
- BSP
- IC

This course will provide students with an understanding and thorough knowledge of the regulatory framework of various government agencies in the Philippines such as the law governing the Philippine Deposit Insurance Corporation; secrecy of bank deposits and unclaimed balances law; general banking law; loans; Anti-Money Laundering Act; New Central Bank Act; and the intellectual property law. The existing law governing the cooperatives and the Securities and Exchange Commission is also incorporated in this course.

Course Title: Business Tax

Course Description

This course involves an intensive study of the Bureau of Internal Revenue rulings of business and transfer taxes systems, including preferential taxes. The relationship between the three taxation system: business taxes, transfer taxes and the income tax are emphasized. The policy underpinnings of wealth transfer taxation, and the reasons for the recent erosion in its political support, will be explored. The taxation under the government, tariffs and codes are also discussed. Topics include excise tax, Value Added Tax, Percentage Tax, Estate Tax and Donor's Tax.

Program Educational Objectives

Graduates of BS Accountancy Program are expected to:

1. Be highly competent in business, and transfer taxes including preferential, local government and tariffs taxes as manifested in their involvement in their professional knowledge, skills, values, ethics and attitudes that enable them to continue to learn and adapt to change throughout their professional lives.

2. Demonstrate analytical thinking and problem solving skills
3. Be successful in pursuing employment in commerce and industry; public practice; government and education sectors.

Program Learning Outcomes

A graduate of the Bachelor of Science in Accountancy (BSA) program must attain:

- a. Demonstrate working knowledge in the areas of financial accounting and reporting, cost accounting and management, management accounting, auditing, accounting information systems and accounting research as well as Business Laws and Taxations.
- b. Demonstrate self-confidence in performing functions as a professional accountant.
- c. Employ technology as a business tool in capturing financial and non-financial information, preparing reports and making decisions.
- d. Apply acquired knowledge and skills to pass professional licensure/certification examinations.
- e. Appraise ethical problems/issues in practical business and accounting situations and recommend appropriate course of action that adheres to the professional code of ethics.

I. Course Learning Outcomes

By the end of the course, students must be able

1. To apply the NIRC and different BIR rulings related to Business and Transfer Taxes for tax compliance.
2. To determine the computation of VAT, Percentage Tax, and Excise Taxes return by accomplishing and familiarizing related BIR forms including tax computation under local government code.
3. To determine the computation Estate and Donors Tax due by applying all the NIRC and different BIR rulings for tax compliance also to determine preferential, tariffs and codes tax computations

Learning Objectives	TOPIC
1. Describe the concept and nature of a business from the point of view of taxation 2. Identify the various exceptions in classifying whether an activity is a business activity or not 3. Discuss the concept of business taxes and transactions 4. Explain the invoicing and accounting requirements for vat and non-vat registered taxpayers Identifying different transactions subject to business taxes	I. Student Course Orientation <ol style="list-style-type: none"> i. Introduction to Business Taxes ii. Types of Business Taxes iii. Business that qualified for each type of Business Taxes iv. Compliance of business establishment for each type of Business Taxes v. Business Transactions vi. Different transactions that needs Business Taxes
1. Define and discuss the features of VAT 2. Identify the person who are charged/exempt with VAT	II. Introduction to Value Added Tax (VAT) <ol style="list-style-type: none"> I. Nature and Rationale of VAT II. Characteristics, computation and different rates III. Different taxpayers who qualified/exempt for VAT registrations IV. Determining VAT declaration

<p>3. Discuss the historical background of VAT</p> <p>4. Discuss the basic formula of VAT</p>	
<p>1. Define the meaning of goods or properties and sales of services relative to VAT</p> <p>2. Identify the different taxpayers that qualified to sell goods or properties and services.</p> <p>3. Identify the basis in determining the output and input tax.</p>	<p>III. Value Added Tax</p> <p>I. VAT-subject transactions</p> <p>II. Sale of goods or properties (actual sales, deemed sales, zero rated sales)</p> <p>III. Sale of services and lease of properties (actual sales or lease, zero rated sales)</p> <p>IV. Importation</p>
<p>1. To enumerate transactions exempt from VAT.</p> <p>2. To discuss the creditable input tax</p> <p>3. To discuss transitional and presumptive input tax</p> <p>4. To identify input tax on capital goods</p> <p>5. To describe VAT on sale of real properties</p> <p>6. To discuss withholding VAT</p> <p>7. To discuss input tax on mixed transactions and monthly/quarterly VAT liabilities</p>	<p>IV. Input VAT credits, refunds and mixed business transactions</p> <p>I. VAT exempt transactions</p> <p>II. Input value added taxes</p> <p>III. Passed-on VAT</p> <p>IV. Transitional VAT input</p> <p>V. Presumptive VAT input</p> <p>VI. Withholding VAT (creditable and final)</p> <p>VII. Excess VAT input in previous return</p> <p>VIII. Refund of VAT input (zero rated sales, purchase of land and capital goods)</p> <p>IX. Compliance requirements (invoicing, returns and payment of value added tax; power of the Commissioner to suspend business)</p> <p>X. Mixed Business transaction and allocation of input tax.</p>
<p>1. To. Discuss the concept and nature of percentage tax</p> <p>2. To identify properly the tax base of percentage tax.</p> <p>3. Enumerate the different business entities that are to percentage tax</p> <p>4. To describe common carrier tax</p> <p>5. To define franchise tax</p> <p>6. To explain the nature of overseas communication tax</p> <p>7. To describe the percentage tax on banks and financial intermediaries</p> <p>8. To explain the business tax on life insurance companies and agents of foreign insurance companies</p> <p>9. To discuss percentage taxes on</p>	<p>V. Percentage Taxes</p> <p>I. Taxpayer, tax base and tax rates</p> <p>II. Tax on persons exempt from value added tax (annual gross sales or receipts do not exceed P550,000.00)</p> <p>III. Tax on domestic or international carrier (including exemptions)</p> <p>IV. Tax on franchise</p> <p>V. Overseas communications tax (including exemptions)</p> <p>VI. Tax on banks and non-bank financial intermediaries performing quasi-banking functions</p> <p>VII. Tax on other non-bank financial intermediaries</p> <p>VIII Tax on life insurance</p> <p>IX. Tax on agents of foreign insurance companies</p> <p>X. Amusement taxes</p> <p>XI. Tax on winnings</p> <p>XII. Stock transaction tax</p> <p>XIII Returns and payment of percentage tax (regular filing)</p> <p>XIV. Excise Tax</p> <p>XV. Purposes, Classifications and Goods Subject to Excise tax</p>

amusement places and winnings, describe stock transactions tax 10. To determine the time of filing and payment of percentage.	
1. To discuss the nature of transfer tax 2. To differentiate onerous from gratuitous transfer 3. To describe the nature of estate tax 4. To identify the properties included as part of the gross estate 5. To identify gratuitous transfer 6. To identify gratuitous transfer exempted from estate tax 7. To discuss the nature of allowable deductions from gross estate 8. To identify allowable deductions from gross estate 9. To determine the deductions from gross estate of resident or citizens 10. To enumerate the items composing ordinary deductions 11. To apply the tax procedures in determining vanishing deductions	VI. Transfer taxes I. Estate taxes II. Gross estate III. Deductions allowed to estate (ordinary and special deductions) IV. Tax credit for estate tax paid to a foreign country V. Filing of estate tax returns, payment of estate tax requirements VI. Attachments to the estate tax return, including CPA certificate
1. To illustrate the nature of donor's tax 2. To enumerate the kinds of donation 3. To identify the classification of donors 4. To describe the essential elements of donation 5. To determine the computation of gross gifts, allowable deductions, and donor's tax 6. To identify the tax procedures in computing donors tax in case of married donor 7. To identify donations exempted from tax	VII. Donor's tax I. Gross gift II. Exemption of certain gifts and other deductions from gross gift III. Tax rates in general and when the donee is a stranger IV. Filing of donor's tax returns, payment and requirements VIII. Taxation under the local government code 8.1 scope and different types of local taxes 8.2 tax base and rates 8.3 venue and time of filing and payment of tax returns IX. Preferential Taxation 9.1 senior citizen law – exemption from income tax and incentives for qualified establishments selling goods and services 9.2 magna-carta for disabled persons – tax incentives X. tariffs and customs code 10.1 functions of the BOC/tariff commission 10.2 customs duties nature asnd tariff 10.3 basis of assessment of duty 10.4 export/import of goods requirement

From: Atty. Brando Cabalsi (PwC)

Special Course on Taxation: Handling BIR Tax Audit or Tax Assessment 101

This course aims to provide students with overview of:

- the tax assessment process conducted by the BIR,
- what are the remedies available to the taxpayers, and
- ways to manage the audit

This will be helpful for students planning to go into tax practice.

Possible course outline:

I. Overview of Philippine tax system

- Pay as you file concept
- Post audit

II. Authority to Make Assessments

a). Grant of Authority

b. Limitation on the Exercise of Authority

III. Assessment Process

- Examination of the Taxpayer
What is a Letter of Authority (LA)
- Post Reporting Notice (Notice of Informal
- Pre-assessment Notice
- Issuance of Formal Assessment .
- . Protesting the Assessment

IV. Appeal to the Court of Tax Appeals

PWC:

Update the topics based on TRAIN and its future phases.

Course Title: Income Taxation

Course Description:

This introductory taxation course is primarily concerned with income taxation. Topics include the basic principles and rules of the income tax system as these apply to individuals, partnerships and corporations. Likewise, topics also cover the income taxation of employees and unincorporated and incorporated businesses, capital gains tax, final tax on certain passive income and the year-end tax. The course also includes special topics like the minimum corporate income tax, fringe benefits tax, improperly accumulated earnings tax and withholding taxes.

This course is an in-depth study of income taxation where student will have their initial exposure to the Philippine income tax system. The course is divided into five main topics: General Principles of Taxation, Income tax patterns, Taxes on Partnerships and Trusts, Gross Income, Fringe Benefits, and Allowable Deductions. This introductory taxation course is primarily concerned with income taxation. 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. It covers an overview of national tax system, and the income taxation of employees and unincorporated business and incorporated businesses. It provides the student with knowledge of capital gains tax, final tax on certain passive income and the year-end tax including minimum corporate income tax, improperly accumulated earnings tax and normal income tax of corporations and withholding taxes.

PWC:

Update the topics based on TRAIN and its future phases.

This must also include the administrative proceedings for BIR review such as responding to letter of assessments, next step after the response, alternative courses of actions, etc.

Basic Principles of Income Taxation: Nature and Basis of Taxation, Objectives of Taxation, State Powers, Characteristics of tax and tax structures

Classification of taxes and other fees, Source of tax laws and tax authority, Income distinguished from capital and income taxes, General procedures in determining Income tax

Taxation of Individuals: Classification of Individual Taxpayer, Sources of Income, Categories of Income and tax rates, Passive Income, Allowable deduction
Taxable income and tax due, Individual exempt from income tax
Taxation of Corporations: Classification of Individual Taxpayer, Sources of Income, Passive income, Allowable deductions, Taxable income and tax due
Corporation exempt from income tax, Declaration of quarterly Corporate income tax, Minimum Corporate Income Tax, Improperly Accumulated Income Tax, Gross Income Tax
Taxation of Estates and Trusts, Taxation of Partnership and Partners
Gross Income and Fringe Benefit: Gross Income, Compensation Income, Business Income, Exclusion from Gross Income
Fringe Benefit: Fringe benefit and monetary value, Tax base and tax rate, Fringe benefit not subject to Fringe benefit tax
Gains and Losses from Dealings in Property: Gains and Losses on Sale or Exchange of Property, Capital Gains and Capital Gains tax on Sale of Real Property, Returns and Payment of Capital Gains Tax, Persons Exempt from payment of CGT
Allowable Deduction: Itemized deduction, Optional Standard deduction
Withholding taxes: Types of Withholding Taxes, Summary of BIR Forms with Description and Filing dates
Persons required to deduct and Withhold Creditable Tax on Income Payments
Tax Return Preparation and payments, Government remedies: Income Tax return for different taxpayers, Role of Accounting in Taxation, Remedies for the collection of delinquent taxes and remedies of taxpayers

This introductory tax course is primarily concerned with income taxation. The objective is to develop a working knowledge of the basic principles and rules of the income tax system as these apply to individuals, partnerships, and corporations. It covers an overview of the national tax system, and the income taxation of employees, and unincorporated and incorporated businesses. It provides the students with knowledge of the capital gains tax, final tax on certain passive income, and the year-end tax including the minimum corporate income tax, the normal tax, and the improperly accumulated profit tax of corporations, and withholding tax. Tax forms will be provided for specific topics to be discussed.

COURSE TITLE :ACCOUNTING RESEARCH METHODS

COURSE DESCRIPTION

This course is intended to provide the learners a strong foundation in the conceptualization and operationalization of research, how to design a research project, hands-on skills in the utilization of the wide range of research methods. These concepts are fundamental to designing 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 acquaints the learners about the sequence of the research process as applied to the preparation of a **discipline-based research project**. The steps include defining the research problem, clarifying the research questions, literature search, acquiring participants, ethical treatment of the participants, and sampling design, instrument development, and pilot testing. Learners are familiarized on how to cite their sources according to standard scholarly formats

Upon completing the course, learners will be able to locate, understand, evaluate, and interpret qualitative as well as quantitative **discipline-based research** and use these skills to identify possible thesis or project topics. The final segment of the course consists of constructing a research proposal that will serve as the launching point for the study that learner conducts in the next research course.

Course Title: ACCOUNTING INTERNSHIP

This field-based course is intended for the learners in their final semester in the Accountancy Program. This On-the-Job Training course provides an industry-based placement to undergraduate 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 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 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.

This course supplements the accounting knowledge that the student obtained from classroom theories, through on-the-job work experience. The course provides the student with knowledge of career opportunities, an understanding of the role of accounting in today's business environment, opportunity to develop relational skills with co-workers, and an awareness of how to better prepare to be a successful part of the accounting profession. The performance of the student shall be documented through written reports of completed tasks and responsibilities, learning experiences, training and hours worked.

This is an applied academic experience conducted under joint faculty and employer supervision which requires a minimum of one semester and will include a minimum of 400 internship hours. This may be in the areas of accounting, external or internal audit, or tax. 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.

Course Title: Accountancy Research

Course Description:

This is the continuation of the course Accounting Research Method. This is the second of two courses concerning conducting empirical research relevant to the diverse areas of Accounting. This course is intended to serve as an integrative capstone to a professional Accounting degree program. It is designed to enable the learners to produce a thesis of general relevance to the professional practice of Accountancy. 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.

This course is a capstone course where students are required to use all the relevant knowledge they obtained from previous all accounting and finance courses including the research skills learned in this course to solve accounting and finance problems. It introduces students to research of current issues in accounting and finance using various online databases. The students learn applied research for solving complex accounting and reporting issues including both financial and tax accounting cases. Formal defense of results of research will be conducted at the end of the course.

Course Title: Management Accounting Internship**Course Description:**

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.

This is an applied academic experience conducted under joint faculty and employer supervision which requires a minimum of one semester and will include a minimum of 400 internship hours. This may be in the areas of accounting, internal audit, or tax. 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.

Course Title: Management Accounting Research**Course Description:**

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.

This course is a capstone course where students are required to use all the relevant knowledge they obtained from previous all accounting and finance courses including the research skills learned in this course to solve accounting and finance problems. It introduces students to research of current issues in accounting and finance using various online databases. The students learn applied research for solving complex accounting and reporting issues including both financial and tax accounting cases. Formal defense of results of research will be conducted at the end of the course.

Course Title : Accounting Information System Internship**Course Description:**

This field-based course is intended for the learners in their final semester in the Accounting Information System Program. This On-the-Job Training course provides an industry-based placement to undergraduate Accounting Information System 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 Accounting Information System 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 Accounting Information System allows them an opportunity to operationalize the knowledge, skills and abilities gained in the four corners of the classroom. Also, this course introduces them to the day-to-day activities in the business setting, where they will develop their professionalism, love of work, commitment, communication, working relations, presentation, writing and speaking abilities, and service skills to enhance their preparation for entry-level employment. This competency-based progression culminates in the learners who take an active role within their placement site, as they prepare to enter the workforce.

Course Title: Accounting Information Systems Research

Course Description:

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 Accounting Information System. This course is intended to serve as an integrative capstone to a professional Accounting Information System degree program. It is designed to enable the learners to produce a thesis of general relevance to the professional practice of Accounting Information System. 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 Accounting Information System 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.

Course Title: Internal Auditing Internship

Course Description:

This field-based course is intended for the learners in their final semester in the Internal Auditing Program. This On-the-Job Training course provides an industry-based placement to undergraduate Internal Auditing 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 Internal Auditing 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 Internal Auditing allows them an opportunity to operationalize the knowledge, skills and abilities gained in the four corners of the classroom. Also, this course introduces them to the day-to-day activities in the business setting, where they will develop their professionalism, love of work, commitment, communication, working relations, presentation, writing and speaking abilities, and service skills to enhance their preparation for entry-level employment. This competency-based progression culminates in the learners who take an active role within their placement site, as they prepare to enter the workforce.

Course Title: Internal Auditing Internship

Course Description:

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 Internal Auditing. This course is intended to serve as an integrative capstone to a professional Internal Auditing degree program. It is designed to enable the learners to produce a thesis of general relevance to the professional practice of Internal Auditing. 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 Internal Auditing 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.

Course Title: Forensic Accounting

Course Description:

This course also known as investigative accounting is intended to provide fundamental and practical knowledge for all learners about the threat of fraud and develop their accounting skills in preparation for careers in the anti-fraud profession. It acquaints the learners in the world of forensic accounting and the roles and responsibilities of professional forensic accountant. Topic begins with a broad introduction to the concept of both forensic accounting and fraud, outlining exactly what it is that constitutes fraud and where the forensic accountant fits into the picture. It deals with different schemes of fraud, along with the fraud cycle and the various skills and disciplines required to becoming a professional forensic accountant.

Course Outline:

Defining Forensic Accounting and Identifying the Opportunities for Fraud

1. Forensic Accounting Defined
2. Forensic Auditing Defined
3. Who needs forensic Accounting
4. What should a Forensic Accountant know and Be able to Do
5. History of Forensic Accounting
6. Fraud Risk Factors or Fraud Triangle
7. Why People commit Fraud

Uncovering Corporate Fraud

1. Prevention and Detection Awareness for the fraud audit
2. Uniform Occupational Fraud Classification
3. Distinguishing Between High and Low Fraud Environment
4. Other Environmental Red Flags
6. TellTale Signs of Management and Corporate Fraud

Analyzing Financial Statement Fraud

1. Interpreting financial statements using ratio analysis
 - o Evaluating Liquidity (current ratio, acid-test ratio, receivable turnover, inventory turnover)
 - o Evaluating profitability (rate of return on net sales, rate of return on total assets, rate of return on owner's equity)
 - o Evaluating long-term solvency (Debt ratio, times interest-earned ratio)
 - o Evaluating cash flow adequacy (cash flow liquidity ratio, defensive interval ratio)
 - o Evaluating market ratios (price/earnings ratio, dividend yield)
2. Persons who commit financial statements fraud.
3. Categories of Fraud
4. Overview of Largest Fraudulent Financial Reporting Fraud
5. Financial Statement Fraud: Strategies for Detection and Prevention

Recognizing Employee Fraud

1. Employee Fraud and Corporate Culture
2. Employee Fraud Scheme
3. Revenue Cycle Fraud
4. Accounts Receivable Fraud
5. Expenditure Cycle Fraud
6. Payroll Fraud
7. Production Cycle Frauds
8. Other Types of Employee Fraud
9. Audit Process in Detecting and preventing employee Fraud
10. Company Fraud Prevention, Detection and Mitigation Measures

Applying Fraud Auditing Standards

1. Responsibilities on fraud and error prevention.
2. Distinguishing between Fraud and Error
3. Assessing the risks of fraud and risk assessment procedures.
4. Professional Skepticism and due Care
5. Characteristics of Fraud
6. Staff Discussion of the risk of material misstatement due to fraud
6. Obtaining the information needed to identify risks of material misstatement due to fraud
7. Assessing the identified risk and responding to the results of the assessment
8. Evaluating the audit evidence
9. Communicating about fraud to management, the audit committee and others.
10. Documenting the auditor's consideration of fraud.

Building an Anti-Fraud Action Program

Steps on Building an Anti-Fraud Action

- A. Overview of the anti-fraud audit process
- B. Scope and purposes of audit planning
 1. Essential planning requirements
 - a. Knowledge of the business
 - b. Preliminary analytical procedures
 - c. Materiality
 - d. Assessing and managing audit risks
 - e. Overall audit plan and audit program
 - f. Considerations of the work of others (experts, internal auditor, other independent auditors)
 2. Direction, supervision and review

Introduction to Digital Forensics

1. Forensic Science Defined
2. Digital Forensics Defined
3. Uses of Digital Forensics
4. Hacking Defined
5. Cracking Defined
6. Phreaking

Course Title: Enterprise Risk Management

Course Description:

This course intends to introduce to the learners the different types of risks that are inherent in business transactions which enterprises and organizations are bound to encounter in their normal operations, such as financial risks, strategic risks, operational risks, and the accidental losses associated with these risks. More importantly, this course helps the learners in establishing effective business strategies that are aimed to identify, assess and prepare a business enterprise for the dangers and other potentials for disasters that may interfere with its day-to-day operations and in the achievement of the enterprise's objectives. It also teaches the learners the importance of planning, organizing, leading, and controlling an organization's activities in order to minimize the effects of risk on its assets, profits and capital.

This course aims to be fundamental to future business persons, for them to be able to identify all the risks that are commonly faced by business organizations, and to be able to decide which risks to manage, and how to effectively manage them.

Course Content:

Lesson 1: Introduction to Enterprise Risk

- Definition of enterprise risk
- Different types of enterprise risk

Lesson 2: Enterprise Risk Management - An Overview

- Typology of Risk Exposures
- Impact of risk on organizations

Lesson 3: Enterprise Risk Management in Business

- Principles and aims of risk management
- Risk management standards

- Risk assessment and strategy in business

Lesson 4: Corporate Governance and Risk Management

- Principles of corporate governance
- Risk management in specific business organizations

Lesson 5: Asset-Liability Management

- Analysis of the business model

Lesson 6: Operational Risk

Lesson 7: Risk Control, Insurance and Transfer

- Risk control techniques
- Insurance and risk transfer

Lesson 8: Trade risks and risk assessment

- Assessing economic and financial risk
- Political risk analysis
- Currency risk management
- Risk related to Methods of Payment

Lesson 9: Managing Risk in International Business

- Hedging currency and interest rate risk
- Export credit insurance
- Structured trade finance
- Political risk insurance

Course Syllabi for Cognates Courses

Course Title: Data Warehousing and Management

Course Description:

Capturing big data has become inexpensive and the by-product of information technology, online transactions, electronic banking, point-of-sale system and intelligent machines. These data when analyzed can produce relevant information for managerial decisions. This course will equip the students with knowledge on data warehousing as a means of transforming, and making the data available for use for data mining, online analytical processing, research and decision support, without having to create or store redundant data. This course provides a thorough practical coverage of the techniques used to build a warehouse including requirements definitions, extract-transformation-loads of data, query applications and executive information systems. It will also cover data mining algorithms and techniques that identify expected and unexpected trends in data stored in a warehouse. Students will be exposed to hands-on experience with data migration, design and mining tools. The course will also deal with the importance of considering the security of the data warehouse and its contents, in response to legal and regulatory requirements.

Course Objectives:

1. Describe various database constructs - ODS, Data Warehouse, Data Mart
2. Describe the components and processes of a data warehouse
3. Differentiate Data Warehousing and Mining approaches
4. Differentiate various requirements gathering and dimensional modeling techniques
5. Describe various integration approaches
6. Describe a Master Data Management (MDM) solution
7. Create database objects using popular database management system products
8. Design and implement data warehouse and business intelligence component

Course Outline: (from KPMG)

- I. Introduction to Data Warehousing
- II. Data Warehouse Constructs and Components
- III. Dimensional Modeling Design

- IV. Technical Architecture
- V. Introduction to ETL Design
- VI. Master Data Management & Data Governance / Introduction to Business Intelligence
- VII. Data Analytics

Course Title: Management Information System

Course Description:

Management Information System course provides the understanding of financial information system and its relationship and integration with other information systems in the organization. The focus is on how to leverage information systems to operate and grow a business enterprise efficiently. The system's information results should provide management with feedback on performance, monitoring, analysis of actual and planned outcomes, and measures progress against goals. The ability of the enterprise to deliver on its mission and implement its strategy could be significantly impeded without knowledgeable individuals to guide the design, acquisition, effective use, and support of the information systems that provide the foundation for the business entity.

Course Objectives:

At the end of the course, the students should be able to:

1. Explain in writing the role of information in management, strategy, tactics, operations, and accounting
2. explain the strategic value of information systems in the organization;
3. Describe the impact of information systems to globalization, ethical and social issues
4. Present solutions as a group for successful information systems management
5. identify trends in information systems that will impact the next generation of business.

Course Contents:

1. Overview and functions of the information system;
2. Developing information system for strategic goals in different levels of management;
3. Security and relevance of data and information;
4. Report processing, access, generation, maintenance, and
5. Security and Risk management of Information System
6. Data Warehouse and Business Intelligence
7. Managerial Issues in Developing Information System

Course Title: Sustainability and Strategic Audit

Course Description:

This serves as the capstone, integrative course for graduating accounting students. It covers both, the theories and the practice of sustainability accounting to prepare the learners for the increasing trend and need for management accounting and evolving corporate reporting in the modern organization. It will further focus on external reporting (e.g. Sustainability Report, GRI, ISO and SASB, and the standard-setting bodies), as well as on the necessary link between sustainability strategy and management control systems (or management accounting). Its concentration is on the holistic and comprehensive approach to enterprise, and not inclined only to a particular core function of business such as accounting, finance, marketing, production, human resources, or information systems. It considers also the industry and competitive environment in which it operates, its long-term direction and strategy, its resources and competitive capabilities, and its prospects for success. It orients the learners on the effective and efficient stewardship of the organizations' resources via synthesis on various knowledge acquired from previous courses..Finally, it considers assurance issues using 'leading' rather than 'lagging' indicators, via the strategic audit. Intensive participation in lectures and analysis of the actual and existing companies are necessary in order to succeed in this course. Lastly, it intends to provide real-life auditing strategies that will enable the learners to be industry ready.

Course Objectives:

1. Critically evaluate the links between strategy, management control and accountability process in sustainable development through various teaching materials and learning activities,
2. Apply relevant theories and management accounting tolls to real life business cases, design sustainability plans and strategies for business in terms of external reporting (e.g. Sustainability Report) and strategic management accounting and performance evaluation.
3. Synthesize and analyze environmental, social and economic responsibility of an organization and understands measurement problems related to these three dimensions.
4. Aims to improve students skills related to communicate ideas clearly, concisely, logically and effectively both verbally and in writing.

Course Outline:

1. Elements of the Strategic Audit
2. Criteria for the Evaluation of strategic alternatives are:
 - a. Cash flow return on Investment (CFROI)
 - b. Net economic value added from year to year (EVA)
 - c. Total of shareholders' return on investment (TSR)
3. Database Design and Maintenance
4. Strategic Audit Committee
5. Relationship to CEO
6. Alertness to Duty

Course Title: Internal Audit and Entity's Control

Course Description:

This three-unit course provides the learners an overview on the nature of internal auditing. The course will begin from the aspects of The IIA's International Professional Practices Framework (IPPF), Audit and Evaluation Sector Code of Ethics, International Standards, definition and description of internal auditing, the organizational structure for the internal audit activity and their respective roles and responsibilities, both operational and strategic role. Also, included in this course are Internal Control framework, Alternative Control framework, fraud tree discussion, types of control, fraud risk, risk assessment, risk management control techniques, and preparation of risk-based plan.

Course Objectives:

Identify and apply relevant ethical, practical, and legal standards to audit practice, including The IIA's Code of Ethics, International Standards, and Implementation Guides, and relevant laws.

- ☐ Explain the International Professional Practices Framework categories of guidance.
- ☐ Explain the mission of internal audit.
- ☐ List the core principles for the Professional Practice of Internal Auditing.
- ☐ Define internal auditing.
- ☐ Describe compliance with The IIA's Code of Ethics.
- ☐ Explain how the purpose, authority, and responsibility for an internal audit activity are documented, communicated, and approved.
 - ☐ Understand the importance of securing the board's approval of the internal audit activity charter and plan.
 - ☐ Explain independence and objectivity and how to maintain both in an internal audit activity.
- ☐ Identify and describe the required knowledge, skills, and competencies for an internal audit activity and how an organization develops and/or procures them.
- ☐ Explain how to exercise due professional care in an internal audit activity.
 - ☐ Describe the importance of professional development and formal certification for internal auditors.
- ☐ Describe elements of a quality assurance and improvement program.

Course Outline

1. Introduction into internal audit: definition, content, goals and tasks, frames and function, the differences between internal and external audit, basic legislation requirements.
2. Organisation structure and role of internal audit as an essential part of internal control system, corporate governance and internal audit function,
3. internal **control** systems in government **entities**

4. Internal audit process
5. Internal audit methodology and process
6. Special spheres in internal audit
7. The International Standards for the Professional Practice of Internal Auditing (the Standards).
Implementation Guides (IGs).
8. Practice Guides, including Financial Services, Public Sector, Global Technology Audit Guides (GTAGs), and Guides to the Assessment of IT Risks (GIAT).

Course Title: Internal Audit Engagements

Course Description:

This course is designed to orient the learners on the application of the Internal Auditing Standards given the unique circumstances of the internal audit engagement. Topics cover the phases of internal auditing process which include establishing what is going to be audited (planning) , ensuring that the approved plan is implemented (conducting), communicating the results achieved(reporting) and follow-up review. in particular, this will cover the distinct activities of the audit engagement – preparation of audit engagement letter, hold initial meeting, preliminary survey, resource allocation, risk assessment, internal control review, determining audit objectives, scope, criteria and approaches, developing the audit program, fieldwork, transaction testing, advice & informal communications, audit summary, working paper/flow chart documentation, debriefing the auditee, discussion draft, exit conference, formal draft, final audit report, client response, client comments, audit follow-up, follow-up review, follow-up report.

Course Outline:

1. Nature of internal audit engagement
 2. Planning the engagement
 3. Performing the engagement
 4. Tools and Techniques in Internal Auditing
 5. Communicating engagement results and monitoring progress
 - 6.
-

Course Title: Advanced Internal Auditing: External Quality

Course Description:

This course focuses on the compliance of internal auditing activity in external quality assessment that will increase stakeholders' confidence in the effectiveness and efficiency of internal audit activities. Topics includes external quality assessment process, standards, tools and techniques; measurement of the results of the extremal quality assessment, confidentiality and how organization should respond with the results; and benefits of performing external quality assessment.

Course Title: Operations Auditing

Course Description:

This course is designed to expose students both to the demand for and the supply of one of the profession's flagship service – internal or operational audits – and to the nature of the value added assurance services which decision-makers demand in the information age. Topics include: nature of operational auditing, approaches to operational auditing, risk-based approach as audit methodology; process-based approach as audit methodology, audit planning and evaluation, assessing internal controls, and tests of controls including internal controls in computer-based business systems; performance of an audit; evidence collection, analysis of evidences, performance evaluation, reporting and completing the audit including communications with board of directors and management concerning internal control weaknesses and forwarding recommendations for improvement.

At the end of this course, the student should

1. Explain the importance of operations auditing in companies and society at large.

2. create knowledge of concepts and models relevant to operations auditing.
3. analyze an organization with a focus on risk exposure and internal control
4. design the operational auditing process

Course Outline:

1. Identifying the operational auditor's roles & responsibilities
2. Operational Audit framework
3. Teamwork and leadership, skill and capability assessment
4. The Audit Model - Performance of audit work
5. Process documentation for operational audit
6. Interpersonal skills and communications
7. The Operational audit program
8. Work paper and audit evidence
9. Developing audit findings
10. Exit conference

Course Title: Fraud Examination Concepts and Cases

Course Description:

This course covers the role of internal auditors in conducting fraud examination, its concepts, and the actual cases encountered by most corporate entities in recent years. It is more on administrative cases which in most instances are divided into operational and non-operational cases. Internal auditors must conform with the due process principle so that the company would not be exposed to possible legal liability caused by labor disputes. In conducting an administrative investigation, the auditor must have enough knowledge on how the business operates, the internal policies surrounding the operations, and the government regulations applicable to the violations.

Course Objectives:

At the end of the course, the students should be able to:

1. explore the various forms of fraud,
2. perform root cause analysis who commits fraud, why and how they commit fraud
3. identify how to prevent fraud,
4. perform fraud investigations and
5. identify what legal courses of action exist when there is fraud.
6. acquire broader objective of contributing to the professional development of students, which includes increasing competencies in both written and oral communication, professional demeanor, problem solving/decision making, strategic/critical thinking, and interaction and leadership skills.

Course Outline:

1. Nature of Fraud
2. Who Commits Fraud
3. Preventing Fraud
4. Symptoms of Fraud
5. Proactively Detecting Fraud
6. Investigating Theft & Concealment
Conversion Investigation Methods
7. Inquiry Methods and Fraud Reports
8. Financial Statement Fraud
9. Revenue & Inventory Frauds
10. Liability, Asset & Disclosure Frauds
11. Fraud Against Organizations
12. Fraud in E-Commerce
13. Fraud Case reports due and legal remedies

Course Title: Project Management**Course Description:**

This course provides students with an overview of project management, focusing on project initiation and control. A discussion of the different types of projects, the project life cycle as well as the intricacies of defining and monitoring project resources, cost, scope and schedule – through work breakdown structures, the precedence diagramming method and earned value analysis among other tools – is included. Popular project management software will also be introduced during the course. . It also covers project feasibility studies; managing the quality of project management / consultancy work. It culminates in handling sample project management / consultancy services such as information system (IS) engagement, management operations audit, business process improvement / re-engineering and the like.

- 1) Conduct a basic needs assessment for a proposed project
- 2) Prepare a project proposal
- 3) Develop a logical framework for the project
- 4) Develop measureable indicators for the project proposal
- 5) prepare Monitoring and Evaluation into a project
- 6) Develop a grant proposal, feasibility study and business plan
- 7) Develop a project budget

Course Title: Information System Analysis and Design**Course Description**

This course introduces the student to the software development life cycle and its phases. It emphasizes the importance of the systems analysis and design stage to software development and its inter-dependencies with the other stages. It provides the student with an understanding of how the systems analysis and design is performed using business process analysis. The functional, structural analysis approach employing data flow diagrams and entity relationship diagrams is adopted. The course also helps the student to understand the documents involved in the systems analysis and design, and its importance in reviewing the system effectiveness.

Course Objectives:

At the end of the course, the students should be able to:

1. analyze modern, technologically relevant financial information systems;
2. analyze the strengths and limitations of accounting and business related system
3. design real world business systems with internal controls
4. differentiate different system development methods and framework and determine which are appropriate for different circumstances
5. Analyze the system development life cycle;
6. collaborate with information technologist to set up internal controls in the system development;

Course Outline:

1. Information System and Its Role in Business Enterprise
2. Internal Control in System Operations
3. System Planning
4. System Design and Development Framework and Methodologies
5. System Development and Documentation Controls
6. System Implementation
7. System Evaluation
8. Assurance Standards for System Development

Course Title: Managing Information and Technology**Course Description:**

This course covers the application of information technology tools in business and its management with compliance to ethical standards. Operational issues in IT management as well as the best practices employed in business will be included. The role of IT in the success of business will also be discussed.

Learning Objectives:

At the end of the course, the students should be able to

1. differentiate between Operational Systems for transaction processing and Information Support Systems for decision-making, and their impact on setting IT priorities and the IT organization
2. apply the principles of effective change management in re-engineering business processes
3. identify how IT can drive innovative business strategies by analyzing the common threads in the best practices of existing enterprises
5. explain the value of Enterprise Systems in providing a seamless flow of information within the organization
6. examine the impact of the Information Technology-based processes to the business organization

Course Outline:

1. Operational Systems for transaction processing
2. Information Support Systems for decision-making, and their impact on setting IT priorities and the IT organization;
3. Change management in re-engineering business processes;
4. IT innovative business strategies;
5. Value of Enterprise Systems in the Knowledge-Based Economy
6. Big Data Analytics
7. Expert System and Artificial Intelligence
- 8.

Course Title: Information Systems Operations and Maintenance

Course Description:

This course covers one of the most significant aspect of internal control, which is the Information Security Management. Since everything in the corporate world is now automated, the need for managing information security becomes a vital part not only of risk management, but also for each contingency plan. This course is designed to orient students to the vulnerability and threat analyses of an Information System, defining of security requirements, design security functions, Implementation of test of security functions, migrating security functions to the production environment, information security review, security management support for operation of an information system, management of a development project, and support for information security management. Also included in the discussion is the presence of I.T. Governance Policy which shall protect the company against possible risk of loss caused by any form of cyber crime.

Course Objectives:

At the end of the course, the students should be able to:

- Integrate and design structured approach for delivering and maintaining information systems.
- Operate information system maintenance for the appropriate level of quality.
- Explain how monitoring, maintenance, backup, log analysis, and recovery testing for servers and applications.;
- Identify operational standards for troubleshooting, operations, maintenance, administration, application, network, migration, and database support software;
- manage backup/archive strategies for systems and servers;
- identify how to proactively provide support to manage assets, licenses, maintenance agreements, production migrations, patch management, software/hardware vendor upgrades, and document network-provisioning requirements and policies for government-owned systems.

Course Outline:

1. Structured approach for delivering and maintaining information systems.
2. Installation, Configuration, and Tuning
3. System Management
4. Data Quality Management
5. Continual Service Improvement
6. Balanced Scorecard for IT Operations
7. IT Infrastructure Optimization

Course Title: Enterprise Resource Planning and Management

Course Description:

This course covers concepts and applications of Enterprise Resource Planning (ERP) and management. It focuses on providing the students with experience on how ERP systems such as SAP, Oracle, QuickBooks or other similar business software are utilized and integrating business the processes across the functional areas, supporting business management, and used in performance analysis. The course will also provide a discussion on various business cases in which ERP concepts can be applied. Furthermore, this course is intended to permit students to understand the steps and activities in the ERP lifecycle and be able to identify and describe typical functionality in an ERP system.

Learning Outcome:

At the end of the course, the students should be able to

1. perform business processes common to most businesses--
order processing, inventory management, procurement using common business software.
2. Prepare Process modeling--creating diagrams to depict the sequence of tasks completed in a business process.
3. Identify
how a business process often spans different functional areas of the business such as accounting, marketing, finance and etc
4. Use enterprise systems, such as SAP, integrate business functional areas into one enterprise-wide information system.
5. Critic and analyze issues involved in implementing an ERP system

Course Title: Human Behavior in Organization

Course Description:

This course provides a broad introduction to the structure and function of organizations and the behavior of people in them. It provides a comprehensive analysis of individual and group behavior in organizations. Its purpose is to examine human behavior in a work environment and determine its impact on job structure, performance, communication, motivation, and leadership. The course seeks an understanding of human behavior in the hope that such an understanding will enhance management practice. Topics include your own behavior and its impact on others (individual and group behavior), mentoring, culture, structure, the decision-making process, hiring process, job satisfaction and commitment, employee relations, productivity, employee empowerment, motivation, diversity, managing conflict, power and politics, negotiation, communication, leadership and working in groups and teams, managing change, and managing stress and ethical issues.

Course Objectives:

At the end of the course, the students should be able to:

1. analyze individual and group behavior, and the implications of organizational behavior in the process of management.
2. identify different motivational theories that are applicable to the business environment;
3. evaluate motivational strategies used in a variety of organizational settings;
4. evaluate the appropriateness of various leadership styles and conflict management strategies used in organizations.
4. describe and assess the basic design elements of organizational structure and evaluate their impact on employees.
5. explain how organizational change and culture affect working relationships within organizations.

Course Content:

- I. An Overview of the Field of Organizational Behavior
 - . Individual behavior and learning in organization
- II. Organizational Culture
 - . Organizationl Structure and Design

- III. Theories of Employee Motivation and Rewards Systems
- IV. Communications in Organizations
- V. . Group Dynamics, Teambuilding and Decision Making
- VI. Organizational Conflict & Resolution Strategies
- VII. Managing Change and Development
- VIII. Managing Stress
- IX. Ethical Issues in managing people

Course Title: Valuation Concepts and Methods

Course Description:

This course will provide the students with practical tools and methods to value a broad range of assets within a business entity. It covers business valuation, equity valuation, fixed income valuation, and option valuation. Students should be able to utilize various capital and investment management and techniques in making long-term business decisions such as the time value concept of money; capital investment decision factors; non-discounted and discounted capital budgeting techniques; project screening, project ranking, and capital rationing; and sensitivity analysis. Students should also be able to differentiate the different types and measurement of risks and apply their relationships with the rate of returns.

Course Objectives:

At the end of the course, the students should be able to:

1. apply different valuation techniques such as emerging capital markets;
2. identify and analyze a company's value drivers and relate these drivers to the value enhancement process;
3. prepare forecasts using different models;
4. value companies with changing capital structure;
5. explain the main determinants of multiples;
6. apply different models to value company's intangible assets;
7. apply option pricing methods to value flexibility;

Course Outline:

1. Overview of valuation techniques.
2. Asset valuation method,
3. Cost of capital
4. cash flow valuation techniques
5. valuation of fixed income instruments
6. Option valuation tools
7. financial option valuation techniques
8. sensitivity analysis
9. business and equity valuation
10. Additional topics include interest rates and bond valuation; stock valuation; hybrid and derivative securities; mergers, leveraged buyouts, divestitures, and business failure.

Course Title: Updates in Financial Reporting Standards

Course Description:

In the era of globalization and knowledge-based economy, business models have become dynamic and continually changing. Accounting standards and practices must adapt to this dynamism to become relevant. The implementation of the International Financial Reporting Standards(IFRS), locally adopted as the Philippine Financial Reporting Standards(PFRS), is key to increasing the transparency and reliability of financial information and further enhancing the efficiency of the value chain of the enterprises. This course provides students with updates on accounting standards and practices before graduating from the program. Because the standards are principles-based, they require an in-depth knowledge of the underlying concepts, as well as the application of professional judgment.

Course Outline:

- I. Changes in the Business Practices
- II. Updates on Financial Reporting Standards
- II. Effects of the Financial Reporting Standards to Accounting Practices

Notes from PWC:

Include Updates in accounting standard must include PFRS 9, PFRS 15 and FRS 16.

IFRS: 2018 Updates

Course Title: Operations Auditing

Course Description:

Operational Audit allows the assessment and evaluation of the operation activities and processes of the enterprise. The students will determine the roles of auditors in influencing management to achieve operational excellence. The student should also have acquired a good knowledge of concepts and models relevant to operations auditing. Furthermore, the student should be able to analyze an organization with a focus on risk exposure and internal control – proposing how the internal auditing process should be designed. They will also learn how to employ various methods, tools, and skills to collect and analyze operational information and data, identify causes of operational issues and risk exposures, and develop solutions to enhance the operational performance of business activities, processes, and / or resources deployed across the organization.

Course Objectives (source:IIA)

- Identify how the changing business environment has influenced past trends in operational auditing.
- Examine key skill sets and knowledge essentials associated with a trusted advisor.
- Review key aspects of the project planning process that promote the successful outcome of operational audit engagements.
- Describe operations objectives and the drivers of associated risks, measures of risk events, design of operations-focused controls, and criteria to evaluate operational performance.
- Discuss the application of business process improvement methods and tools during an operational audit.
- Define the different types of benchmarking and measurement criteria and explain how benchmarking methodology can be used during an operational audit.
- Discuss different reporting approaches and persuasive strategies to attain management's buy-in to results and solutions

Course Contents:

- I. Nature and Objectives of Operations Auditing Engagement
- II. Approaches to operational auditing,
- III. Risk-based approach and Process-based approach
- IV. Operational Audit Processes
- V. Performance Evaluation, Business process improvement methods and operational audit tools
- VI. Benchmarking methodology
- VII. value added assurance services which decision-makers demand in the information age

Course Title: Principles and Methods of Teaching Accounting

This 3-unit course allows the students to develop knowledge and skills in teaching strategies, classroom management, preparation of instructional materials, and assessment of learning. The students are exposed to Outcome-Based Education(OBE) in Accountancy and teaching in the 21st century classroom.

Course Objectives:

At the end of the course, the students should be able to:

1. identify the nature and practices of Outcome-Based Education(OBE) in Accountancy
2. explain the competencies of 21st century work place
3. perform different innovative strategies in teaching accounting
4. apply methods and techniques in classroom management
5. develop instructional materials in teaching accounting
6. explain the standards in assessment

Course Outline:

- I. Outcome-Based Education(OBE) in Accountancy
- II. The 21st Century Classroom and the 21st Industry Competencies
- III. Strategies in Teaching Accounting
- IV. Techniques in Classroom Management
- V. Instructional Development
- VI. Assessment of Learning Strategies