

University of Puerto Rico
Río Piedras Campus
College of Business Administration
Institute of Statistics and Computer Information Systems
Computer Information Systems Program

SYLLABUS

COURSE TITLE	:	ACCOUNTING 3106 INTRODUCTION TO PRINCIPLES OF ACCOUNTING II
COURSE CODE	:	CONT 3106
HOURS/CREDITS	:	45 hours / Three credits
PRERREQUISITES, CORREQUISITES OR OTHER REQUIREMENTS	:	ACCOUNTING 3105
COURSE DESCRIPTION:		
<p>Study of accounting as an information system and support function that facilitates making decisions to businesses. Emphasis on the uses of accounting information in the planning and control functions within an organization. Discussion of costs' nature and their definition and uses for a diversity of purposes. This course will be offered face to face, hybrid and online modalities.</p>		
LEARNING OBJECTIVES:		
<p>At the end of the course, the student will:</p> <ol style="list-style-type: none"> 1. Understand the role of accounting in providing financial and managerial information in the decision making process. 2. Differentiate between relevant and not relevant information in the preparation and analysis of financial reports. 3. Apply techniques for financial statement analysis. 4. Identify the strengths and limitations of the internal control system of an organization. 5. Determine cost classifications and functions in different problem solving scenarios. 		

6. Use an operational budget as a tool in planning and control within an organization.
7. Explain recently developed techniques for the management and operation of an entity.
8. Work with others as part of a team.
9. Use electronic worksheets to solve accounting problems.
10. Analyze financial information obtained from databases.
11. Exhibit efficient oral and written communication.

MAIN TEXTBOOK (Compilation):

1. Financial Statements and Accounting Concepts/Principles: *Chapter 2 from Accounting: What the Numbers Mean, 11th Edition by Marshall, McManus, Viele, 2017 1*
2. Statement of Cash Flows: *Chapter 11 from Financial Accounting, Fifth Edition (with extra Appendix: International Financial Reporting Standards) by Spiceland, Thomas, Herrmann, 2019 40*
3. Corporate Governance, Notes to the Financial Statements, and Other Disclosures: *Chapter 10 from Accounting: What the Numbers Mean, 11th Edition by Marshall, McManus, Viele, 2017 100*
4. Financial Statement Analysis: *Chapter 12 from Financial Accounting, Fifth Edition (with extra Appendix: International Financial Reporting Standards) by Spiceland, Thomas, Herrmann, 2019 126*
5. Prologue: Managerial Accounting: An Overview: *Chapter from Introduction to Managerial Accounting, Eighth Edition (with Chapter 5 Supplement) by Brewer, Garrison, Noreen, 2019 177*
6. Managerial Accounting and Cost Concepts: *Chapter 1 from Introduction to Managerial Accounting, Eighth Edition (with Chapter 5 Supplement) by Brewer, Garrison, Noreen, 2019 200*
7. Job-Order Costing: *Chapter 4 from Managerial Accounting for Managers, Fourth Edition by Noreen, Brewer, Garrison, 2017 239*
8. Activity-Based Costing: *Chapter 4 from Introduction to Managerial Accounting, Eighth Edition (with Chapter 5 Supplement) by Brewer, Garrison, Noreen, 2019 292*
9. Cost-Volume-Profit Relationships: *Chapter 6 from Introduction to Managerial Accounting, Eighth Edition (with Chapter 5 Supplement) by Brewer, Garrison, Noreen, 2019 330*
10. Differential Analysis: The Key to Decision Making: *Chapter 11 from Introduction to Managerial Accounting, Eighth Edition (with Chapter 5 Supplement) by Brewer, Garrison, Noreen, 2019 394*
11. Master Budgeting: *Chapter 8 from Introduction to Managerial Accounting, Eighth Edition (with Chapter 5 Supplement) by Brewer, Garrison, Noreen, 2019 450*
12. Flexible Budgets, Standard Costs, and Variance Analysis: *Chapter 9 from Introduction to Managerial Accounting, Eighth Edition (with Chapter 5 Supplement) by Brewer, Garrison, Noreen, 2019 508*
13. Performance Measurement in Decentralized Organizations: *Chapter 10 from Introduction to Managerial Accounting, Eighth Edition (with Chapter 5 Supplement) by Brewer, Garrison, Noreen, 2019 584*

CONTENT OUTLINE AND TIME DISTRIBUTION:

Topic	Time Distribution
I. Introduction A. Course objectives B. Work Plan C. Student Evaluation	1.5 hours
II. Financial Statements Revisited A. Income Statement and Other Comprehensive Income B. Statement of Stockholders Equity	9 hours

<ul style="list-style-type: none"> 2. Computer science and technology 3. Just in time 4. Technology 5. Globalization B. Managerial process and decision making <ul style="list-style-type: none"> 1. Planning 2. Control 	1.5 hours
<p>VII. Cost Categories, Flows and Assignment</p> <ul style="list-style-type: none"> A. Product costs vs. period costs B. Normal cost vs. actual cost C. Cost behavior (fixed vs. variable costs) D. Accounting cycle of inventory in manufacturing entities E. Problems with the allocation of indirect manufacturing costs F. Service entities (compare with manufacturing entities). G. Activity Based Costing 	6 hours
<p>VIII. Analysis of costs in Decision Making</p> <ul style="list-style-type: none"> A. Cost-Volume-Profit analysis <ul style="list-style-type: none"> 1. Variable or fixed costs 2. Relevant Range 3. Contribution Margin 4. Margin of safety 5. Break even analysis <ul style="list-style-type: none"> a. Graphic b. Equation 6. Sensitivity analysis (brief) 7. Limitations of the analysis B. Target Cost C. Special Orders D. Make or buy decision E. Importance of the cost-price relationship 	8.0 hours
<p>IX. Budgeting</p> <ul style="list-style-type: none"> A. Definition B. Advantages and limitations C. Types (excluding cash budget) D. Budget process (not in detail) E. Static versus flexible budgets (differences and uses) F. The use of budgets in the planning, control and performance evaluation of an entity. G. Effects of budgeting on management behavior H. Budget function in the services industry 	4.0 hours

<p>X. Performance evaluation in an organization</p> <ul style="list-style-type: none"> A. Quality and its costs B. Organizational levels and performance (discussed as measures of ROI, EVA and residual income. C. Advantages and disadvantages of decentralization D. Balanced scorecard E. Benchmarking F. Transfer price 	3.0 hours
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<p>Time allocated to topics: 42 hrs</p> <p>Time allocated to exam discussion <u>3 hrs</u></p> <p>Total contact hours 45 hrs</p>	
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INSTRUCTIONAL STRATEGIES

- 1. Conferences
- 2. Web based assignments and assisted learning
- 3. Discussion of structured and unstructured problems and cases
- 4. Assignments that require access to electronic databases

MINIMUM RESOURCES AVAILABLE OR REQUIRED:

- 1. Projectors
- 2. PowerPoint presentations (or other form of electronic presentation)
- 3. Whiteboard
- 4. Teaching material prepared by the professor
- 5. Internet access
- 6. Newspapers and business magazines
- 7. Illustrative problems
- 8. Word processing and spreadsheet software
- 9. Access to McGraw Hill Connect

METHODS OF EVALUATION:

Exams:	
Departmental exams will be offered	75%
Other Activities**	25%
<ul style="list-style-type: none"> ▪ Written assignment using word processing and one assignment using Excel 	

- Teamwork will be required. Students, in coordination with their professor, will offer reasonable accommodation to team members with disabilities.
- Oral presentation
- Research project (either financial statement analysis or budgets)

Students with special needs will be evaluated in a differentiated manner, if necessary

REASONABLE ACCOMMODATION

The University of Puerto Rico complies with all state and federal laws and regulations related to discrimination including “The American Disabilities Act” (ADA) and Law #51 from the Puerto Rico Commonwealth (Estado Libre Asociado de Puerto Rico). Every student has the right to request and receive reasonable accommodation. Those students with special needs that require some type of particular assistance or accommodation shall explicitly communicate it directly to the professor. Students who are receiving VRS services shall communicate that to the professor at the beginning of the semester to facilitate appropriate planning and the necessary equipment according to the Students with Disabilities Affairs Office (Oficina de Servicios a Estudiantes con Impedimentos (OSEI), administered by the Dean of Students Office. Any other student requiring assistance or special accommodation shall also communicate directly with the professor.

ACADEMIC INTEGRITY

The University of Puerto Rico promotes the highest standards of academic and scientific integrity. Article 6.2 of the UPR Students General Bylaws (Board of Trustees Certification 13, 2009-2010) states that academic dishonesty includes, but is not limited to: fraudulent actions; obtaining grades or academic degrees by false or fraudulent simulations; copying the whole or part of the academic work of another person; plagiarizing totally or partially the work of another person; copying all or part of another person answers to the questions of an oral or written exam by taking or getting someone else to take the exam on his/her behalf; as well as enabling and facilitating another person to perform the aforementioned behavior. Any of these behaviors will be subject to disciplinary action in accordance with the disciplinary procedure established in the UPR Students General Regulations.

To ensure the integrity and security of user data, all hybrid, distance and online courses must be offered through the institutional learning management platform, which uses

secure connection and authentication protocols. The system authenticates the identity of the user using the username and password assigned to their institutional account. The user is responsible for keeping his password safe, protecting, and not sharing this password with other people.

INSTITUTIONAL POLICY AGAINST SEXUAL HARASSMENT:

“The University of Puerto Rico prohibits discrimination based on sex, sexual orientation, and gender identity in any of its forms, including that of sexual harassment. According to the Institutional Policy against Sexual Harassment in force at the University of Puerto Rico, any student subjected to acts constituting sexual harassment, may turn to the Office of the Student Ombudsperson, the Office of the Dean of Students, or the Coordinator of the Office of Compliance with Title IX for an orientation or filing a formal complaint”.

GRADING SYSTEM

	Grade	Average
	A	100 - 90
	B	80 - 89
	C	70 – 79
	D	60 – 69
	F	Less than 60

CONTINGENCY PLAN IN CASE OF AN EMERGENCY

In case of an emergency or interruption of classes, your professor will communicate via institutional email to coordinate the continuity of the course offer.

BIBLIOGRAPHY

Endrikat J., T. W. Guenther, R. Titus (2020) 32(1): 103-136. Consequences of Strategic Performance Measurement Systems: A Meta-Analytic Review. *Journal of Management Accounting Research*, 103-136.

Blay, A.D, and M. G. Fennema (2017)32 (3) Are Accountants Made or Born? An Analysis of Self- Selection into the Accounting Major and Performance in Accounting Courses and on the CPA Exam. *Issues in Accounting Education* 33–50.

Chang, Y T., D. Stone 2019 33 (4). Workplace Mindfulness in Accounting Practice: Issues, Opportunities, and Challenges. *Accounting Horizons*. 167–185.

Hoozee S., S. C. Hansen. 2018 30(1). A Comparison of Activity-Based Costing and Time-Driven Activity- Based

Costing. *Journal of Management Accounting Research*. 143–167.

Mahlendorf, M.D., M. Matejka, J. Weber. 2018 (30) (2). Determinants of Financial Managers' Willingness to Engage in Unethical Pro-Organizational Behavior. *Journal of Management Accounting Research*. 81–104.

Online references:

Amato, N. (February 1, 2014). Cutting the Clutter; Streamlined Operations Reports Engage Key Stakeholders. *Journal of Accounting*.

Brands, K., and M. Holtzblatt. (Spring 2015). Business Analytics: Transforming the Role of Management Accountants. *Management Accounting Quarterly*

Caban, M., Petruska, K. and Rios, C. (2017). The Impact of Culture on internal Control Weaknesses: Evidence from Firms that Cross-list in the U.S.. *Journal of International Accounting Research*.

Chawla, S., Z. Khan, R. Jackson, and A. Gray III. (Winter 2015) Evaluating Ethics Education for Accounting Students. *Management Accounting Quarterly*.

Cohn, M. (2016, September 20). SEC Charges EY with Violating Audit Independence Rules amid Romantic Entanglement with Client. Retrieved from Accounting Today:
http://www.accountingtoday.com/news/audit-accounting/sec-charges-ernst-young-violating-independence-rules-romantic-client-79286-1.html?utm_medium=email&ET=webcpa:e7666899:2502347a:&utm_source=newsletter&utm_campaign=daily-sep%2020%202016&st=email&eid=2157

Cavaleri, S. J. Firestone and H. Hadders (Sept. 20, 2012) Balanced Scorecard + Innovation + Sustainability Context = Adaptive Quadruple-Bottom-Line Scorecard Recuperado de:
http://www.sustainablebrands.com/news_and_views/new-metrics/balanced-scorecard-innovation-sustainability-context-adaptive-quadruple

Castellano, R. B. (Winter de 2011). Accounting Internal Controls: Do Management and Staff Agree? *Management Accounting Quarterly*.

Cheraffi, A. e. (2016). The integration of lean manufacturing, Six Sigma and sustainability: A literature review and future research directions for developing a specific model. *Journal of Cleaner Production*, 828–846.

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<http://www.coso.org/documents/COSO%20Framework%20Release%20PR%20May%202014%20013%20Final%20PDF.pdf>

Fliedner, G. (Vol. 18 (3) 2018). Lean Accounting: Current State and Future Needs Assessment. *Journal of Finance and Accounting*.

Gates, S., Germain, C. (Winter 2015). Designing Complementary Budgeting and Hybrid Measurement Systems that Align with Strategy. *Management Accounting Quarterly*.

Gerstein, M. *Determining Whether an Accounting Firm is Ethical*. *CPA Journal*, (June 2014) pp 618-71. Hagel, J.

(April 1, 2014) How to Better Connect Planning, Forecasting and Budgeting. *Journal of Accounting*.

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Mintz, S. (March 2020). *Codifying the Fundamental Principles of 'Professional Behavior': Strengthening Professionalism by Enhancing Moral Conduct*. The CPA Journal. Recuperado de: <https://www.cpajournal.com/2020/03/30/codifying-the-fundamental-principles-of-professional-behavior/>

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<http://www.aicpa.org/catalogs/masterpage/Search.aspx?S=fraud>

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Tysiac, K. (November 3, 2015). Disclosures of Audit Committee's Role Increasing. *Journal of Accountancy*

Other electronic websites related to the course:

UPR-RP library. Use of data bases: <http://biblioteca.uprrp.edu>

Course documents: www.contabilidad.uprrp.edu

Accounting Glossary: <https://debitoor.es/glosario>,
<http://www.nysscpa.org/professional-resources/accounting-terminology-guide#sthash.J0Cjjs8a.dpbs>

Market Watch <http://www.marketwatch.com>

Google finance <http://www.google.com/finance>

Yahoo finance <http://finance.yahoo.com>

CSMarket <http://csimarket.com>

MSN Money <http://www.msn.com/en-us/money>

Financial Statements and annual reports

Glossary: <https://www.ibm.com/investor/help/glossary.html>

How to read annual reports: <https://www.ibm.com/investor/help/reports/>

Corporate Governance: <https://www.ibm.com/investor/governance/?subtabs=open>

Regulatory entities websites:

Security and Exchange Commission <http://www.sec.gov/>

Public Company Accounting oversight board (PCAOB) <http://pcaobus.org/>

[Financial Accounting Standards](#)

[Board \(FASB\)](#)

<http://www.fasb.org/home>

International Financial Reporting

Standards <http://www.ifrs.org/>

Governmental Accounting Standards Board <http://www.gasb.org/home>

Professional associations websites related to the accounting profession:

Colegio de Contadores Públicos Autorizados de Puerto Rico:

<http://www.colegiocpa.com/index.php?node=5829>

PwC regulatory and standard setter developments

<http://www.pwc.com/us/en/cfodirect/publications/regulatory-standard-setting-developments/index.jhtml>

The American Accounting Association <http://aaahq.org/>

American Institute of Certified Public Accountants <http://www.aicpa.org/>

The Association of Accountants and Financial Professionals

in Business (IMA) <http://www.imanet.org/> Association of

Certified Fraud Examiners <http://www.acfe.com/>

[International Institute for /sustainable development https://www.iisd.org/business/issues/sr.aspx](https://www.iisd.org/business/issues/sr.aspx)

Electronic websites related to the CPA exam:

National Association of State Boards Accountancy (NASBA CPA exam):

<http://nasba.org/exams/cpaexam/>

<http://nasba.org/exams/cpaexam/puertorico/>

Videos related to the search and use of information:

<http://www.slideshare.net/caketty2922/presentatios>

<http://youtube.com/user/baeupr>

North America Industry Classification System (NAICS) <https://www.youtube.com/watch?v=fGQtpjVoRaU>

Standard Industrial Classification System and NAICS:
https://www.youtube.com/results?search_query=standard+industrial+classification+system

APA videos: <https://www.youtube.com/watch?v=5wv0ZDiCjgc>

Search strategies:

<https://www.youtube.com/watch?v=rVXZWWtmzyE>

APA Citation style & format: https://www.youtube.com/watch?v=_fv2Jt0o18

Citing Guide for Business Majors (APA 6th ed.):
<http://libguides.butler.edu/content.php?pid=161391&sid=1364798>

Youtube presentations:

Lean production: <https://www.youtube.com/watch?v=wfsRAZUnonI> Transfer pricing:
<https://www.youtube.com/watch?v=Y7iNOYCA3tY>

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Adaptado por: Clarisa Cruz, PhD, 20 abril 2020
Aprobado por: Leticia Fernández Morales, MBA, CPA
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DAA