

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

## SYLLABUS

<b>COURSE TITLE</b>	:	INTRODUCTION TO PRINCIPLES OF ACCOUNTING I
<b>COURSE CODE</b>	:	ACCOUNTING 3105
<b>HOURS/CREDITS</b>	:	45 hours / Three credits
<b>PRERREQUISITES, CORREQUISITES OR OTHER REQUIREMENTS</b>	:	NONE
<b>COURSE DESCRIPTION:</b>		
<p>Study of accounting as an information system and support function that facilitates making decisions to businesses. Discussion of concepts and methods applicable to the use and disclosure of financial information, its analysis and effect over different users and types of business entities. This course will be offered face to face, hybrid and online modalities</p>		
<b>LEARNING OBJECTIVES:</b>		
<p>At the end of the course, the student should be able to:</p> <ol style="list-style-type: none"> <li>1. Describe the global development of the accounting profession as a service activity and an analytical discipline.</li> <li>2. Explain the social role of accounting and how it communicates and fulfills the need for financial information.</li> <li>3. List the differences among the various types of organizations, the</li> </ol>		

	nature of their activities and the effect on the preparation of financial reports.
4.	Identify the principles, concepts and assumptions in the preparation of financial reports.
5.	Describe the process to generate financial statements (the accounting cycle).
6.	Summarize the contents of the Financial Statements.
7.	Describe the relationship between the financial statements.
8.	Characterize the elements of the financial statements.
9.	Identify the ethical foundation of the accounting profession.
10.	Interact as a member of a team.
11.	Use electronic spreadsheets to solve accounting problems.
12.	Use databases to obtain financial data.
13.	Show effective communication skills, both written and spoken.

**MAIN TEXTBOOK:**

**Text Book: Financial Accounting, 5<sup>th</sup> edition, J. David Spiceland, Thomas, W., Herrmann, D., custom book Create McGraw Hill. Includes access to Connect.**

**CONTENT OUTLINE AND TIME DISTRIBUTION:**

Topic	Time Distribution
I. Introduction <ul style="list-style-type: none"> <li>A. Course objectives</li> <li>B. Work plan</li> <li>C. Student evaluation</li> </ul>	1.5 hours
II. The role of accounting <ul style="list-style-type: none"> <li>A. Definition</li> <li>B. Social role of accounting</li> <li>C. Users of financial information</li> <li>D. Types of organizations (profit and not for profit)</li> <li>E. Relationship of accounting with other disciplines</li> <li>F. Internal and external factors that affect accounting as a profession and as a discipline.</li> <li>G. Brief historical development of accounting</li> </ul>	1.5 hours

<ul style="list-style-type: none"> <li>H. Career opportunities in accounting</li> <li>I. Professional certifications</li> <li>J. Professional organizations and regulators (AICPA, SEC, IASB, IMA, IRS, FASB, CCPAPR)</li> <li>K. Ethics and values</li> </ul>	
<p>III. Communication of financial information</p> <p>Types of reports generated by the system -Financial Statements</p> <ul style="list-style-type: none"> <li>A. Income statement <ul style="list-style-type: none"> <li>1. elements</li> <li>2. form and contents</li> <li>3. key concepts</li> <li>4. accrual basis</li> <li>5. tax basis</li> </ul> </li> <li>B. Statement of Stockholders Equity <ul style="list-style-type: none"> <li>1. elements</li> <li>2. form and contents</li> <li>3. key concepts <ul style="list-style-type: none"> <li>a. relationship to the Income Statement</li> <li>b. relationship to the Balance Sheet</li> </ul> </li> </ul> </li> <li>C. Balance Sheet <ul style="list-style-type: none"> <li>1. the accounting equation and the elements</li> <li>2. form and contents</li> <li>3. classification of components</li> <li>4. owners' equity <ul style="list-style-type: none"> <li>a. sole proprietorship</li> <li>b. partnership</li> <li>c. corporations</li> <li>d. not-for-profit</li> </ul> </li> <li>5. uses, purpose and limitations</li> </ul> </li> <li>D. Cash flow statement <ul style="list-style-type: none"> <li>1. form and contents</li> <li>2. types of business activities</li> <li>3. uses, purpose, and limitations</li> <li>4. link to the Balance Sheet</li> </ul> </li> <li>E. Statement of Comprehensive Income (conceptual explanation)</li> </ul>	<p>3 hours</p>

<p>IV. Concepts, principles and fundamental assumptions</p> <ul style="list-style-type: none"> <li>A. General Accepted accounting Principles (GAAP) <ul style="list-style-type: none"> <li>1. definition</li> <li>2. role of GAAP in financial accounting</li> </ul> </li> <li>B. Underlying assumptions: <ul style="list-style-type: none"> <li>1. economic entity</li> <li>2. going concern</li> <li>3. periodicity</li> <li>4. monetary unit</li> </ul> </li> <li>C. Fundamental characteristics of financial Information: <ul style="list-style-type: none"> <li>1. relevance</li> <li>2. faithful representation</li> </ul> </li> <li>D. Enhancing characteristics of financial Information: <ul style="list-style-type: none"> <li>1.comparability (including consistency)</li> <li>2. verifiability</li> <li>3. timeliness</li> <li>4.understandability</li> </ul> </li> <li>E. Accounting Principles <ul style="list-style-type: none"> <li>1. measurement</li> <li>2. revenue recognition</li> <li>3. expense recognition</li> <li>4. full disclosure</li> </ul> </li> </ul>	<p>3.0 hours</p>
<p>V. Accounting Cycle</p> <ul style="list-style-type: none"> <li>A. Basic Concepts of an information system</li> <li>B. Evolution of information systems in accounting</li> <li>C. Double entry accounting</li> <li>D. The effect of business transactions on the</li> <li>E. Steps in the cycle <ul style="list-style-type: none"> <li>1. obtain documentation</li> <li>2. analyze the transactions</li> <li>3. record the transactions in a journal</li> </ul> </li> </ul>	<p>7.5 hours</p>

<ul style="list-style-type: none"> <li>4. post from journal to the general ledger</li> <li>5. prepare an unadjusted trial balance</li> <li>6. adjusting entries <ul style="list-style-type: none"> <li>a. importance</li> <li>b. impact on financial statements</li> <li>c. recording (balance sheet emphasis)</li> </ul> </li> <li>7. prepare an adjusted trial balance</li> <li>8. prepare financial statements</li> <li>9. closing process <ul style="list-style-type: none"> <li>a. temporary and permanent accounts</li> <li>b. recording closing entries</li> <li>c. prepare post-closing trial balance</li> </ul> </li> </ul>	
<p>VI. Accounting for Current Assets</p> <ul style="list-style-type: none"> <li>A. Cash <ul style="list-style-type: none"> <li>1. Definition</li> <li>2. Controls on cash</li> </ul> </li> <li>B. Revenue recognition (five steps)</li> <li>C. Accounts Receivable <ul style="list-style-type: none"> <li>1. importance</li> <li>2. net realizable value</li> <li>3. presentation and disclosure</li> <li>4. financing with accounts receivable (conceptual)</li> </ul> </li> <li>D. Notes payable (conceptual discussion)</li> <li>E. Inventories <ul style="list-style-type: none"> <li>1. Importance</li> <li>2. Effect of inventory errors on the financial statement</li> <li>3. Types of business <ul style="list-style-type: none"> <li>a. merchandising companies</li> <li>b. manufacturing companies</li> </ul> </li> <li>4. Comparison of perpetual and periodic systems</li> <li>5. Inventory cost flow assumptions <ul style="list-style-type: none"> <li>a. First in-first out (FIFO)</li> <li>b. Last in-first out (LIFO)</li> <li>c. Weighted average</li> </ul> </li> <li>6. Tax considerations and financial statement effect</li> </ul> </li> </ul>	<p>2.0 hours</p> <p>3.0 hours</p> <p>4.5 hours</p>

<p>in the selection of an inventory cost flow</p> <ol style="list-style-type: none"> <li>7. Valuation (lower of cost or net realizable value)</li> <li>8. Presentation and disclosures</li> </ol>	
<p>VII. Accounting for non-current assets</p> <ol style="list-style-type: none"> <li>A. Property, plant, and equipment <ol style="list-style-type: none"> <li>1. acquisition (cost determination)</li> <li>2. depreciation (straight-line method, accelerated method)</li> <li>3. disposal of plant assets</li> <li>4. presentation and disclosures</li> </ol> </li> <li>B. Intangible assets <ol style="list-style-type: none"> <li>1. definition</li> <li>2. amortization</li> <li>3. presentation and disclosures</li> </ol> </li> </ol>	<p>3 hours</p>
<p>VIII. Accounting for liabilities</p> <ol style="list-style-type: none"> <li>A. Current liabilities <ol style="list-style-type: none"> <li>1. definition</li> <li>2. accounting for current liabilities</li> <li>3. Payroll liabilities and taxes <ol style="list-style-type: none"> <li>a. Importance</li> <li>b. Human resources management</li> </ol> </li> <li>4. Other taxes <ol style="list-style-type: none"> <li>a. Income tax</li> <li>b. Property tax</li> <li>c. Municipal tax</li> </ol> </li> </ol> </li> <li>B. Time value of money</li> <li>C. Long Term liabilities <ol style="list-style-type: none"> <li>1. Bonds <ol style="list-style-type: none"> <li>a. Types</li> <li>b. characteristics</li> <li>c. accounting bonds and interest (investor and issuer) <ol style="list-style-type: none"> <li>i at date of issuance (premium, discount)</li> <li>ii at date of interest payment (amortization, effective interest method)</li> </ol> </li> </ol> </li> </ol> </li> </ol>	<p>3.0 hours</p> <p>4.5 hours</p>

<p>2. Other liabilities (conceptual)</p> <ul style="list-style-type: none"> <li>a. notes payable</li> <li>b. contingencies</li> <li>c. environmental debt/contingencies</li> <li>d. deferred income tax payable</li> </ul>	
<p>IX. Accounting for owners' equity</p> <ul style="list-style-type: none"> <li>A. Single proprietorship</li> <li>B. Partnership <ul style="list-style-type: none"> <li>1. organization</li> <li>2. distribution of earnings</li> </ul> </li> <li>C. Corporations <ul style="list-style-type: none"> <li>1. characteristics</li> <li>2. basic rights of stockholders</li> <li>3. types of stock</li> <li>4. legal capital</li> <li>5. issuance of stock</li> <li>6. treasury stock (cost method)</li> <li>7. dividends <ul style="list-style-type: none"> <li>a. cash <ul style="list-style-type: none"> <li>i preferred cumulative</li> <li>ii preferred non- cumulative</li> </ul> </li> <li>b. stock (conceptual)</li> </ul> </li> <li>8. stock splits</li> <li>9. stockholders equity section, balance sheet</li> <li>10. retained earnings</li> </ul> </li> <li>D. Funds balance for non-business and governmental Agencies</li> </ul> <p>Time allocated to topics: 42 hrs  Time allocated to exam discussion <u>3 hrs</u>  <b>Total contact hours 45 hrs</b></p>	<p>5.5 hours</p>

## INSTRUCTIONAL STRATEGIES

1. Conferences
2. Accounting lab – 2 hours weekly, attendance is optional
3. Discussion of structured or non-structured accounting problems, news, articles of relevancy to accounting.
4. Computer assisted learning (McGraw Hill Connect)
5. Assignments requiring access to information by electronic means
6. Written and oral presentations
7. Assignments to apply concepts
8. Debates

## MINIMUM RESOURCES AVAILABLE OR REQUIRED:

1. Vertical overhead projector
2. PowerPoints or other means of presentation
3. White board
4. Instructional material prepared by instructor or textbook author
5. Internet access
6. Periodicals, newspapers, journals
7. Illustration of problems
8. Spreadsheets and Word-processing software

## METHODS OF EVALUATION:

<b>Exams</b>	<b>75%</b>
<b>Other activities</b>	<b><u>25%</u></b>
<b>Total</b>	<b>100%</b>

## 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

American Accounting Association and American Institute of CPAs. (July 2012). *The Pathways Commission - Charting a National Strategy for the Next Generation of Accountants*. Sarasota, Fla: American Accounting Association and American Institute of CPAs.

American Institute of CPAs. Cloud Computing.

<http://www.aicpa.org/INTERESTAREAS/INFORMATIONTECHNOLOGY/RESOURCES/PRIVACY/CLOUDCOMPUTING/Pages/default.aspx> Accedido el 3 de Agosto de 2014.

Anders, Susan (July 2014). Website of the Month: Standard & Poor's Rating Services. pp 7273. *The CPA Journal*.

Banco Gubernamental de Puerto Rico. Accedido el 4 de agosto de 2015. Deuda Publica. [http://gdbpr.com/spa/investors\\_resources/public-debt.html](http://gdbpr.com/spa/investors_resources/public-debt.html)

Baysden, Chris (September 2013). Supply and demand for accounting talent at record levels. *Journal of Accountancy*.

Defelice, A. (November de 2010). Cloud Accounting What Accountants Needs to Know. *Journalof Accountancy*.

Defelice, A. (April de 2011). What Does it Take the Lead? *Journal of Accountancy*.

Reuters, Fortune Editors. (August 4, 2015). Puerto Rico just defaulted on its \$72 billion debt pile. Accessed on August 5, 2015

<http://fortune.com/2015/08/04/puerto-rico-default-bondrestructuring-bondholders/>

Hagel, Jack (May 2014). Meeting the Challenge of the Young and the Restless. Vol. 217. No. 5. *Journal of Accountancy*.

Katz, D. (February de 2009). The Power of Callable Bonds. *CFO Magazine*.

Lawson, R. (. (2014). Focusing Accounting Curricula on Students' Long-Run Careers: Recommendations for an Integrated Competency-Based Framework for Accounting Education. *ISSUES IN ACCOUNTING EDUCATION*, 295-317.

Lewis j Altfest, W. P. (April de 2012). A Wealth of Opportunity. *Journal of Accountancy*.

Mendlowitz, E. (June de 2012). Carousel of Progress. *Journal of Accountancy*.

Moore, Scott. (2013). Trends in the supply of Accounting Graduates and the Demand for Public Accounting Recruit. American Institute of Certified Public Accountants. Obtenido el 3 de Agosto de:  
<http://www.aicpa.org/InterestAreas/AccountingEducation/NewsAndPublications/DownloadableDocuments/2013-TrendsReport.PDF>

Nilsen, K. (November de 2010). Shaping The Future. *Journal of Accountancy*.

Parker, Paull, (January 2014). Global Accounting Standards - From Vision to Reality. pp 6, 8-10. *The CPA Journal*.

PwC. (29 de 10 de 2009). *FASB Accounting Standards Codification Quick Reference Guide*.

Obtenido el 1 de agosto de 2014 de pwc:

[http://www.pwc.com/en\\_US/us/cfodirect/assets/pdf/accountingguides/pwc\\_codification\\_quick\\_reference\\_guide.pdf](http://www.pwc.com/en_US/us/cfodirect/assets/pdf/accountingguides/pwc_codification_quick_reference_guide.pdf)

Tysiac, K. (July 23, 2015). FASB simplifies inventory measurement guidance. *Journal of Accountancy*.

Xero. (15 de September de 2015). *Positioning Cloud Accounting to Clients*. Recuperado el 27 de October de 2015, de Accounting Today:

[http://www.accountingtoday.com/partner\\_insights/articles/positioning-cloud-accounting-to-clients-75783-1.html?xero](http://www.accountingtoday.com/partner_insights/articles/positioning-cloud-accounting-to-clients-75783-1.html?xero)

## ELECTRONIC ADDRESSES FOR ONLINE REFERENCES

Text resources:

[www.mhhe.com/spicelandfa3e](http://www.mhhe.com/spicelandfa3e)Other

documents:

[www.contabilidad.uprrp.edu](http://www.contabilidad.uprrp.edu)

Glossary of accounting terms:

<https://debitoor.es/glosario>,

<http://www.nysscpa.org/professionalresources/accounting-terminology-guide#sthash.J0Cjjs8a.dpbs>

How to Access databases video:

[http://www.youtube.com/watch?v=dQyDkA0H7SA&list=PL490D02D4F0804368&index=1&feature=plpp\\_video](http://www.youtube.com/watch?v=dQyDkA0H7SA&list=PL490D02D4F0804368&index=1&feature=plpp_video)

[http://www.youtube.com/watch?v=dQyDkA0H7SA&list=PL490D02D4F0804368&index=1&feature=plpp\\_video](http://www.youtube.com/watch?v=dQyDkA0H7SA&list=PL490D02D4F0804368&index=1&feature=plpp_video)

### **Accounting policy organizations:**

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>

### **Accounting professional organizations:**

Colegio de Contadores Públicos Autorizados de Puerto Rico:

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

Financial Accounting Standards Board (FASB):

<http://www.fasb.org/home> PwC regulatory and standard setter developments

<http://www.pwc.com/us/en/cfodirect/publications/regulatory-standard-settingdevelopments/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/>

**Employment opportunities:**

<http://www.bls.gov/k12/content/students/careers/career-exploration.htm> <http://www.bls.gov/ooh/Business-and-Financial/Accountants-and-auditors.htm>

**CPA uniform exam**

National Association of State Boards of Accountancy  
(NASBA CPAexam):

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

Translated by Carmen A. Figueroa, MBA in MIS, September, 2021

Traducción a inglés de las secciones: Acomodo razonable, Integridad académica y Hostigamiento provistas por la  
Dra. Clarisa Cruz Lugo, Decana Asociada de Asuntos Académicos, 7/septiembre/2021

Original preparado por: Yahaira Torres Rivera, EdD, febrero 2019

Adaptado por: Clarisa Cruz, PhD, 20 abril 2020

Aprobado por: Leticia Fernández Morales, MBA, CPA

Revisado 3 diciembre 2020 Dra. C. Cruz

DAA