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## The Design and Implementation of an Enlivened IFRS Course

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# The Design And Implementation Of An Enlivened IFRS Course

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## ABSTRACT

*In the Spring/2009 semester, with the financial support of a PricewaterhouseCoopers IFRS Ready Grant, a new course was developed that focused on International Financial Reporting Standards (IFRS). The course design goal was to choose the optimal combination of pedagogical tools and topics to create an effective, engaging and stimulating course plan. The course incorporates the online e-IFRS created by the International Accounting Standards Board (IASB), e-Learning IFRS Modules from the global accounting firm of Deloitte and IFRS Expert online videos and webcasts from corporate and various institutional and academic institutions. The pedagogical techniques described herein are also applicable to introductory accounting and finance classes, intermediate and advanced accounting classes and the international accounting and theory classes.*

**Keywords:** IFRS, Pedagogy, Online Videos, E-Learning, E-IFRS, Core Competencies

## INTRODUCTION

This teaching innovation originated in September of 2008 during the early weeks of the Fall semester. In the International Accounting class, two IFRS videos were shown to the students. The first was an eight-minute IFRS.com video entitled “IFRS: Adopting Global Standards” provided by the American Institute of Certified Public Accountants (AICPA). The second was a seven-minute IFRS video from PwC.tv, the PricewaterhouseCoopers (PwC) student-oriented website. Both of these IFRS videos were high quality productions with numerous experts offering insights into IFRS. After screening these two IFRS videos, a very favorable student reaction was observed in terms of both increased attentiveness and the quality of discussions generated.

With such a positive classroom experience, the decision was made to seek out additional IFRS videos by conducting various internet searches. Ultimately, a comprehensive body of IFRS multimedia presentations was accumulated. However, the collection was extremely disorganized, so order was instilled by categorizing and classifying them. Once an organized structure was created, the next step was to think of strategies to incorporate these IFRS videos and webcasts into various courses throughout the accounting curriculum.

About the same time as the IFRS video and webcast searches were underway, PwC promoted their IFRS Ready Grant Program. The PwC grant program was designed to encourage U.S. faculty and universities to integrate IFRS into their curriculum. A PwC IFRS Ready grant proposal was submitted that described the creation of an IFRS course optimized by a combination of e-IFRS, online interactive IFRS training material and a combination of expert IFRS videos and webcasts. In mid-December of 2008, notification was received of being a recipient of the PwC IFRS Ready Grant.

The IFRS course was subsequently designed during the Spring/2009 semester and implemented for the first time during the 12-week Summer term of 2009 at both the graduate and undergraduate levels. This class has subsequently been offered in the Fall/2009 and Spring/2010 semesters.

The pedagogical resources of the IFRS course include:

1. e-IFRS by the IASB via a student membership for \$20 in the International Association for Accounting Education and Research (IAAER).
2. IFRS e-Learning by Deloitte which currently contains 39 IFRS modules. This is a \$4 million professional online interactive training program available at zero cost to the students.
3. IFRS videos and webcasts which have been referred to as “IFRS Cyber-Guest Lecturers” with special emphasis on the use of the PwC IFRS Video Learning Center (VLC). The PwC IFRS VLC videos are beneficial for in-class viewing due to their reasonable duration and the use of synchronized power points.

The e-IFRS by the IASB was chosen for the IFRS course because it gives students the opportunity to experience researching the actual standards via the same online service they will likely use in the future during their professional careers. The e-IFRS may be referenced when working on the Deloitte e-Learning IFRS modules or other assigned questions, exercises and cases.

The IFRS e-Learning by Deloitte was selected after evaluating several online IFRS certificate programs and professional training programs. The IFRS Certificate programs offered by the Association of Chartered and Certified Accountants (ACCA) and the Institute of Chartered Accountants of England and Wales (ICAEW) offered a desirable goal (i.e., certificate), but were relatively costly at \$300 to \$600 per student. In addition, these certificate programs are also targeted for finance professionals and were found less accounting-intensive than desired for the IFRS courses, which are primarily for accounting majors. The PwC P2P IFRS modules were also considered, but PwC favors to provide these modules to an audience with a more experienced background than a typical student. Thus, the Deloitte modules were chosen. These modules have the valuable feature of placing students into “scenarios” which realistically imitate job situations. These scenarios involve deadlines to be met, incoming emails, phone calls, faxes, face-to-face client meetings, continuous research assignments and continual online testing of the newly acquired knowledge. The Deloitte modules take learning to a new interactive technological level and experience rather than just having students read a printed book or articles. Also, the students have free access to the entire body of IFRS training modules.

The IFRS videos and webcasts enliven the class by introducing the students to IFRS experts from public accounting, industry, standard setting bodies, government regulators and a variety of professional accounting societies from around the world. For example, the 2009 summer IFRS graduate students heard and saw Sir David Tweedie, Chairman of the IASB, 10 to 15 partners and managers from PWC, KPMG and EY, former SEC Chairman Christopher Cox, Aaron Anderson, the Director of IFRS Policy for IBM and Dr. Kamal Gupta, the Technical Director of the Institute of Chartered Accountants of India. As “virtual” guest speakers, these classroom “visits” involved absolutely no cost to the university and the students were able to review the videos and webcasts multiple times on their own, if desired, via archived links.

## **AN IN-DEPTH LOOK INTO THE DEVELOPMENT OF OUR IFRS COURSE**

### **Course Learning Objectives**

To begin the course design, a list of objectives of the new class were delineated so the chosen pedagogical tools would have a benchmark to be compared to. It is obviously impossible to cover all the IFRS pronouncements in depth in a single semester course. Thus, an overriding goal in the course development was to equip the students with the knowledge of the available IFRS tools and resources so they would be able to learn and research the global standards on their own well beyond the course conclusion. To adopt the famous analogy, we set out to teach the students “how to fish” rather than to simply “give them the fish”. This will be a valuable skill set when the student later works in an accounting firm and has to research such topics on his own. Table 1 is a list of established learning objectives.

**Table 1: Learning Objectives for the Newly Designed Enlivened IFRS Course**

No.	IFRS Course Learning Objective Description
1	The History and Structure of the International Accounting Standards Board (IASB)
2	The Standard-Setting Process of the IASB and the Conceptual Framework
3	The Significant Differences Between IFRS and U.S. GAAP
4	Adoption and Convergence Status of IFRS in the U.S. and throughout the World
5	The Arguments in Favor of and the Arguments Opposing IFRS Adoption in the U.S.
6	Methods of Recognition and Measurement under IFRS
7	Preparation and Presentation of Financial Statements under IFRS
8	Methods of Recording Transactions under IFRS
9	Researching the e-IFRS Resource Database created by the IASB
10	Familiarity with the IFRS e-Learning Interactive Training Modules by Deloitte

These objectives give the students the proper theoretical and conceptual framework, combined with sufficient coverage of significant IFRS rules and procedures.

### **E-IFRS BY THE INTERNATIONAL ACCOUNTING STANDARDS BOARD (IASB)**

In order to provide the students with the research skills necessary for working with the IFRS in their future careers we wanted to provide them with the training and access to the *actual* IFRS standards. We also wanted to use an internet based resource for accessing the standards as these databases are constantly updated and most likely equivalent to those that students will encounter on the job. At the time of the initial course design and development during the Spring and Summer of 2009, the only affordable online access to the IFRS standards was via a student membership in the IAAER. The IAAER is a global not-for-profit organization with the mission to promote excellence in accounting education and research on a worldwide basis and to maximize the contribution of accounting academics to the development and maintenance of high quality, globally recognized standards of accounting practice. The IAAER was founded in 1984 and its homepage is [www.iaaer.org](http://www.iaaer.org).

Faculty and student members of the IAAER enjoy full, unlimited access to all e-IFRSs. This includes the most up-to-date electronic PDF versions of all IFRS, International Accounting Standards (IASs), Interpretations (IFRICs/SICs) and IASB-issued supporting documents which includes application guidance, illustrative examples, implementation guidance, basis for conclusions and appendices. Normally £200 for a one year subscription, the IAAER has collaborated with the IASB and KPMG to offer this valuable resource at a discounted rate of US\$25 for faculty for one full year. Membership for students and current accounting classes is also available at a rate of US\$20 for students. Student memberships to the IAAER including full access to the e-IFRS are available at <https://members.iaaer.org/Join/RegistrationStudent.aspx>

Since the initial creation of our IFRS course, an alternative has arisen to the paid subscription e-IFRS access offered by the membership in the IAAER. The IASC Foundation in the UK, the oversight body of the IASB, now provides access *free of charge* to the current year's consolidated *unaccompanied* IFRS in English as issued by the IASB and published in the Bound Volume. Access to the accompanying documents, illustrative examples, implementation guidance and basis for conclusions is available via the IASB subscription-based services or by purchasing print versions of IFRS via the IASB store. Thus for those students and/or faculty that only require the unaccompanied IFRS, this text is now available for free and accessible at <http://www.iasb.org/IFRSs/IFRS.htm>. If a professor or student desires to access the full version of IFRS, the low-cost IAAER membership with e-IFRS access is the best option. Table 2 provides an overview of currently available standards through the IASB website.

**Table 2: The Unaccompanied IFRSs as Issued at 1 January 2010 in English**

Preface	IFRS 1	IAS 1	IAS 27	IFRIC 1	SIC 7
Framework	IFRS 2	IAS 2	IAS 28	IFRIC 2	SIC 10
	IFRS 3	IAS 7	IAS 29	IFRIC 4	SIC 12
	IFRS 4	IAS 8	IAS 31	IFRIC 5	SIC 13
	IFRS 5	IAS 10	IAS 32	IFRIC 6	SIC 15
	IFRS 6	IAS 11	IAS 33	IFRIC 7	SIC 21
	IFRS 7	IAS 12	IAS 34	IFRIC 8	SIC 25
	IFRS 8	IAS 16	IAS 36	IFRIC 9	SIC 27
	IFRS 9	IAS 17	IAS 37	IFRIC 10	SIC 29
		IAS 18	IAS 38	IFRIC 11	SIC 31
		IAS 19	IAS 39	IFRIC 12	SIC 32
		IAS 20	IAS 40	IFRIC 13	
		IAS 21	IAS 41	IFRIC 14	
		IAS 23		IFRIC 15	
		IAS 24		IFRIC 16	
		IAS 26		IFRIC 17	

## IFRS E-LEARNING BY DELOITTE

In 2004, Deloitte launched a comprehensive set of e-Learning modules on IFRS. Developed with an investment of around US \$4,000,000, the IFRS e-Learning program was initially intended to help prepare Deloitte partners and staff for the adoption of IFRS in Europe and throughout the world. After releasing the program internally, Deloitte decided to make it available to the public at large without charge.

A total of 39 modules have been released. The modules are primarily interactive cases from the viewpoint of an auditor who encounters application of an individual IFRS. The cases are real business scenarios to demonstrate the application of the standards. Each module contains “Coach Me” sections to explain the principles and theory of the relevant IFRS. Examples are included that show aspects of the standards in action. At the conclusion of each module, students can obtain a printable certificate upon passing the multiple choice assessment test with a grade of 70% or above. It normally takes students one to two hours to complete a module. Students should have the relevant IFRS available as a reference.

The e-IFRS Learning by Deloitte has become very popular. To date, over 3,000,000 Deloitte IFRS e-learning modules have been downloaded from Deloitte’s website [www.iasplus.com](http://www.iasplus.com). Many of the modules downloaded have multiple users because organizations are permitted to install them on their own servers for the internal use of their employees or students. Many major corporations have chosen to use Deloitte IFRS e-learning as their primary tool for educating their staff on IFRS. In addition, the modules are widely used by Deloitte staff throughout the global organization, who access them via an intranet.

The Deloitte IFRS e-Learning modules are obtainable by clicking on the light-bulb icon on the home page of Deloitte’s website [www.iasplus.com](http://www.iasplus.com) or navigating directly to [www.deloitteifrslearning.com](http://www.deloitteifrslearning.com). There is no charge, but you are asked to register and provide a few pieces of information. Each module is a 2mb to 6mb download of a ZIP file. You can extract the compressed files to a directory on your hard disk or server. Full installation instructions are provided on the website. The modules are kept up to date as the IASB publishes new and amended pronouncements. Table 3 lists the currently available Deloitte IFRS e-Learning modules.

**Table 3: Deloitte IFRS e-Learning Modules as of April 2010**

<b>Standard</b>	<b>Title of e-Learning Module</b>	<b>Version</b>
	Using IFRS e-Learning	v8
	Framework for the Preparation and Presentation of Financial Statements	v9
IAS 1	Presentation of Financial Statements	v9
IAS 2	Inventories	v9
IAS 7	Cash Flow Statements	v9
IAS 8	Accounting Policies, Changes in Accounting Estimates, and Errors	v9
IAS 10	Events After the Reporting Period	v9
IAS 11	Construction Contracts	v9
IAS 12	Income Taxes	v9
IAS 14	Segment Reporting	v9
IAS 16	Property, Plant and Equipment	v9
IAS 17	Leases	v9
IAS 18	Revenue	v9
IAS 19	Employee Benefits	v9
IAS 21	The Effects of Changes in Foreign Exchange Rates	v9
IAS 23	Borrowing Costs	v9
IAS 24	Related Party Disclosures	v9
IAS 27	Consolidated and Separate Financial Statements (covers revision to IAS 27 as at 12/2003)	v8
IAS 27	Consolidated and Separate Financial Statements (covers revision to IAS 27 as at 5/2008)	v9
IAS 28	Accounting for Investments in Associates (covers revision to IAS 28 as at 12/2003)	v8
IAS 28	Accounting for Investments in Associates (covers revision to IAS 28 as at 5/2008)	v9
IAS 29	Financial Reporting in Hyperinflationary Economies	v9
IAS 31	Financial Reporting of Interests in Joint Ventures (covers revision to IAS 31 as at 12/2003)	v8
IAS 31	Financial Reporting of Interests in Joint Ventures (covers revision to IAS 31 as at 5/2008)	v9
IAS 32/39	Accounting for Financial Instruments	v9
IAS 32/39	Hedge Accounting	v9
IAS 32/39	Derecognition of Financial Instruments	v9
IAS 33	Earnings Per Share	v9
IAS 34	Interim Financial Statements	v9
IAS 36	Impairment of Assets	v9
IAS 37	Provisions, Contingent Liabilities and Contingent Assets	v9
IAS 38	Intangible Assets	v9
IAS 40	Investment Property	v9
IAS 41	Agriculture	v9
IFRS 1	First-time Adoption of International Financial Reporting Standards	v9
IFRS 2	Share-based Payment	v9
IFRS 3	Business Combinations (covers revision to IFRS 3 as at December 2003)	v8
IFRS 3	Business Combinations (covers revision to IFRS 3 as at May 2008)	v9
IFRS 5	Non-current Assets Held for Sale and Discontinued Operations	v9
IFRS 8	Operating Segments	v9
IFRIC 12	Service Concession Arrangements	v9

## **IFRS WEBCASTS AND ONLINE VIDEOS**

The third component of online pedagogical tools that is incorporated into the newly designed IFRS course are the IFRS Expert Online Videos and Webcasts. The number of online videos and webcasts dealing with the international accounting standards has accelerated sharply since the publication of the SEC's "Roadmap to IFRS" in Fall 2008. When viewed as a group, the entire collection of IFRS webcasts is impressive.

The creators and hosts of the majority of IFRS webcast presentations include the major global accounting firms, the AICPA, the Canadian Institute of Chartered Accountants (CICA), the Securities and Exchange Commission (SEC) and educational institutions. The accounting firms' efforts have been led by the "Big 4" firms including Deloitte, EY, KPMG and PwC.

Deloitte provides a link on their main IFRS homepage entitled “Dbriefs: IFRS Webcasts”. There are currently fourteen different IFRS webcasts available, ranging from discussions of general IFRS differences to specific webcasts focusing upon selected industries (i.e., Oil & Gas, Real Estate, and Insurance).

EY has a link on their global IFRS homepage for all current and archived IFRS webcasts. The webcasts range from audio/powerpoint to full video/powerpoint presentations. Like Deloitte, the EY webcasts deal with industry specific issues related to IFRS, but EY also has sessions that focus upon specific accounts (i.e., IFRS revenue recognition, IFRS tax, IFRS hedging).

KPMG offers webcasts dealing with both IFRS industry issues and specific IFRS accounts through their KPMG IFRS Institute. In addition, they currently have five archived webcasts geared to presenting IFRS information to professors. These sessions address incorporating IFRS into classrooms and discuss various faculty surveys.

PwC hosts three separate and distinct websites of IFRS webcasts and online videos. Their newest source is perhaps the most exciting development in the whole sphere of IFRS online videos. The newly created PwC IFRS VLC is designed to assist companies in assessing the impact of transitioning to IFRS. The center is free to the public and offers a series of videos to help companies understand the differences between IFRS and U.S. GAAP. There are 6 sessions, containing a total of 16 separate 20 to 30 minute full video courses with synchronized slides.

PwC also offers three excellent short IFRS videos of approximately 7 minutes each at their PwC.tv website which has various programs and issues geared specifically to students. On channel 1 of PwC.tv the videos discuss the “What?, Why?, and How?” of IFRS. Also, PwC has developed a separate monthly IFRS Webcast series which discusses industry and specific standard issues.

In addition to the global public accounting firms’ webcasts, the AICPA and the CICA have produced numerous high quality IFRS videos. The AICPA announced on May 20, 2008 the creation of their new website IFRS.com. It serves as their hub for updates, publications and videos related to IFRS. There are currently 14 short video clips ranging from 1 to 13 minutes in duration. A variety of perspectives can be observed from senators, practitioners, and institute officers. In Canada, which is adopting IFRS in 2011, the CICA has three very detailed videos ranging from 30 to 90 minutes. The videos, entitled “Get Ready”, “Go Deep”, and “Even Deeper” are from the June 2008 conference of the Canadian Academic Accounting Association (CAAA) which provided guidance for academics to prepare for IFRS. The Institute of Management Accountants (IMA) has also initiated an IFRS Webinar series with 5 sessions from March to September of 2009.

Finally, two excellent sources of webcasts of a more theoretical nature include the productions of the SEC and the University Forums offered each year by the Lubin School of Business at Pace University. The SEC has archived roundtables that deal with the use of IFRS by foreign registrants and also the SEC “Roadmap to IFRS”. The Lubin School of Business has also archived their 2007, 2008, and 2009 forum videos dealing with IFRS issues.

For introducing IFRS within our course, we have some favorite short videos that we frequently show during the preliminary course sessions as listed in Table 4.

For the subsequent more advanced topic sessions, the entire spectrum of available IFRS webcasts and online videos may be considered for incorporation, depending upon the topics and direction the professor intends to utilize. For the two graduate and undergraduate IFRS courses that we have developed, supplementary segments of webcasts and videos are being shown. Table 5 shows how the IFRS online videos and webcasts can become an integral part of an enlivened class, either by showing video clips and webcast excerpts in class or assigning as part of required homework.

**Table 4: IFRS Introductory Online Videos for the Enlivened Stand-Alone Course: Author's Favorites**

Title	Source	Duration	Benefit for Students
IFRS: Adopting Global Standards	IFRS.com	8 minutes	Good introduction to the topic with prestigious speakers.
PwC.tv IFRS Ready Videos	PwC.tv	3 videos of 7 minutes each	Short videos with Partners, Professors and Executives discussing IFRS.
Live Interview with IASB Chairman, Sir David Tweedie at the 2009 KPMG Global Issues Forum	KPMGIFRSInstitute.com	The first 15 minutes of a one hour interview	Webcast from Hofstra University which focuses on the current status of International Financial Reporting Standards (IFRS) and the potential for adoption by the U.S.
Enabling IFRS Knowledge Transfer	Youtube.com	3 minutes	Jean Wyr, Partner and Leader, PwC College and University Relations points out that PwC expects basic IFRS knowledge when hiring graduates.
IFRS: SEC Chairman Christopher Cox – Roadmap to IFRS	IFRS.com	11 minutes	Former SEC Chairman Christopher Cox introduces the IFRS Roadmap.

**Table 5: Suggested Online Videos and Webcast Supplements for Selected Topics in an IFRS Course**

1	Introduction, First time Adoption and Financial Presentation	PwC VLC Session 1: First-Time Adoption AICPA: IFRS: Adopting Global Standards PwC.tv IFRS Ready Videos: What? Why? How?
2	Revenue, Inventory and Income Tax	PwC VLC Session 1: Revenue Recognition EY: Revenue Recognition Requirements (2/17/09) KPMG: Tax Considerations When Converting PwC: Understanding the Impact on Global Tax
3	Business Combinations, Discontinued Operations and Foreign Currency	PwC VLC Session 3: Business Combinations EY: Mergers and Acquisitions Under IFRS
4	Intangibles and Leases	KPMG: R&D and Intangible Transition (02/04/09) PwC VLC Session 2: Internally Generated Intangibles PwC VLC Session 3: Leases
5	Impairment of Assets	EY: Long-Lived Assets: Recognition and Impairment PwC VLC Session 2: Property, Plant and Equipment PwC VLC Session 2: Impairments of Nonfinancial Assets
6	Provisions, Pensions and Share Based Payments	EY: Accounting for Pensions in an IFRS World EY: Share-Based Payments in and IFRS World PwC VLC Session 1: Provisions & Contingencies PwC VLC Session 4: Employee Benefits
7	Financial Instruments	EY: IFRS: Fair Values and Financial Instruments (12/15/08) KPMG: Financial Instruments, Fair Value (12/18/08) PwC VLC Session 5: Financial Instruments
8	Consolidation and Joint Ventures	EY: Accounting for Consolidations in an IFRS World PwC VLC Session 3: Consolidations
9	Convergence and Standard Setting Activities	Deloitte: GAAP & IFRS Convergence: Bridging the Divide SEC: Proposing a Roadmap Toward IFRS-Christopher Cox Lubin School: Global Integration of Accounting Standards

The idea and techniques of utilizing “cyber-guest” lecturers as a pedagogical supplement in the teaching of IFRS has recently received very positive recognition by numerous accounting constituents. In the course evaluations submitted by our students at the end of the semester, most students cite the online videos and webcasts as a positive element to their classroom experience. The techniques used in this IFRS course were recently recognized by the AICPA and Federation of Schools of Accountancy (FSA) with Honorable Mention for the 2009 Mark Chain/ FSA Innovation in Graduate Teaching Award. The Cyber-Guest methodology was also the recipient of the best paper award for the 2009 AAA-Ohio Region for Teaching, Learning and Curriculum. Dr. Sue Haka,

immediate past president of the AAA and Ernst & Young Professor of Accounting at Michigan State University has written on the AAA Commons, the new collaborative, social-networking web platform for more than 8,000 AAA members:

*“You have created a wonderful resource for all of us interested in bringing international issues and topics into our classes. Thanks for your contributions ... I know that I will be using some of the resources you have identified in my international accounting class in this coming Fall term.”*

## **SUPPLEMENTARY RESOURCES FOR OUR IFRS COURSE**

In addition to the web-based resources of e-IFRS, e-Learning Modules and Online Videos and Webcasts, there are a variety of supplementary materials that may be integrated into an IFRS course. These consist of several IFRS textbooks that have entered the market, publications of the global accounting firms, the new IASB training modules for the IFRS SME standard and the EY IFRS curriculum.

An advantage of incorporating IFRS books into the course is that they provide additional questions and exercises for homework assignment and include power point presentations that could form the basis of class discussions.

The global accounting firms have each produced a multitude of printed publications that can be accessed and printed from their websites. Excellent comparative studies of IFRS versus U.S. GAAP have been written by the global firms that complement course sessions.

EY created a 24 module IFRS resource that provides powerpoints, problems and cases that can supplement an IFRS course. These instructor materials are available at the password protected site <http://www.ey.com/us/ARC>.

Another noteworthy supplement for teaching IFRS to students is the newly created Standard “IFRS for SMEs” (Small and Medium-Sized Entities) that is available through the IASB website. For the first time the IASB has created a learning program for a standard. The SME training program includes learning modules that consists of PDF Files providing commentaries and exercises for every single chapter within this standard.

Within the next 12 months the IASB will publish 15 new exposure drafts or standards, information that cannot be provided timely by using a textbook. By assigning group projects to exposure drafts and corresponding comment letters, students are given an opportunity to understand how accounting standards are created and what discussions are involved in such decisions.

## **COMBINING THE ONLINE COURSE COMPONENTS INTO AN ENLIVENED IFRS CLASS SESSION**

The International Accounting Standard for Property, Plant and Equipment (IAS 16) provides an excellent illustration of how the aforementioned components can be combined into an enlivened class session. First, the students are assigned as homework to work through the Deloitte e-Learning Module on IAS 16 with the requirement to print out the results of their module assessment test as evidence of their work. This assignment will immerse the students into several interactive mini-cases that deal with different aspects of IAS 16 ranging from initial acquisition of Property, Plant and Equipment, to using the revaluation method of valuation subsequent to acquisition, which is unique to IFRS.

The students are advised to refer to the actual standard which they can obtain via the e-IFRS, either the unaccompanied or accompanied version. By having the actual IAS 16 either printed and on their desk or open in a separate window on their computer, the students will be able to research and find the answers to questions as they work through the various Deloitte Module scenarios. During the classroom session the class reviews the module assessment test as a group and discusses the significant topics of the module.

Also during the class session, portions of the PwC VLC session that covers IAS 16 are shown to the students so that they can hear from a PwC Partner and Senior Manager how their clients in Europe have dealt with

the unique differences of IAS 16 such as component depreciation or revaluation of property. Students appreciate hearing from experts in the field and are also drawn to technology-based presentations, thus the short video clips capture their attention for the specific topic of the day.

In addition, supplementary powerpoints, questions and exercises from the IFRS books, IFRS SME Training Modules from the IASB or EY IFRS Curriculum can be considered for classroom presentation or additional homework assignments.

## STUDENTS LEARN AICPA CORE COMPETENCIES

The course we have designed not only provides the student with practical IFRS skills and knowledge; it also addresses numerous core competencies that have been laid out by the AICPA. According to [www.aicpa.org/edu/corecomp.htm](http://www.aicpa.org/edu/corecomp.htm) the AICPA defines core competencies as:

*“A set of requisite competencies for all students preparing to enter the newly envisioned accounting profession that is positioned higher on the information value chain. Competencies are categorized as functional (technical competencies most closely aligned with the value contributed by accounting professionals), personal (individual attributes and values) and broad business perspective competencies (relating to understanding of internal and external business contexts).”*

Table 6 describes the specific AICPA core competencies addressed and examples of activities built into our course to support student development.

**Table 6: Core Competencies of the AICPA Addressed by the Enlivened IFRS Course**

<b>AICPA Core Competencies</b>	<b>IFRS Course Activities Supporting Competencies</b>
<b>Functional Competencies</b>	
Measurement and Reporting	Students acquire knowledge of the relevant IFRS standards related to measurement and reporting as well as the IASB Conceptual Framework
Leverage Technology to Develop and Enhance Functional Competencies	Students gain valuable experience in accessing and using the e-IFRS database created by the IASB and also access and learn how to use a highly sophisticated online interactive training program created by a global accounting firm.
<b>Personal Competencies</b>	
Problem Solving and Decision Making	Students solve questions, exercises, problems and cases involving numerous IFRS standards for reporting, measurement and statement presentation
Leverage Technology to Develop and Enhance Personal Competencies	Students become proficient in working in realistic case studies via the Deloitte e-Learning Modules and researching the e-IFRS to help solve related exercises.
<b>Broad Business Perspective Competencies</b>	
International/ Global Perspective	Global and international issues are integrated throughout the IFRS course material, assignments and discussions.

## CONCLUSION: BENEFITS FOR PROFESSORS AND STUDENTS

There are very valuable and engaging pedagogical web-based resources available to teach and learn IFRS. By combining the online electronic version of the actual IFRS standards with the e-Learning Modules from Deloitte, along with selected expert video clips and webcast excerpts, a very practical and enlivened IFRS course can be developed and offered. An additional benefit of the course elements is the low cost involved of accessing the components. In fact, if a textbook is not added to the mix of materials utilized by the professor, the materials cost to the students for a highly sophisticated multi-million dollar IFRS learning experience would be zero. In addition, students have access to the latest information, online interviews and standards - a superior trait of our course.

Students of this course develop skills in researching and applying IFRS standards that will benefit them in their future careers. The student exposure to a variety of IFRS experts via the videos and webcasts emphasizes the importance of learning IFRS now and opens their eyes to how leading professionals view the IFRS revolution that is occurring.

The sources and techniques used within our IFRS course may also be applied to many other courses in the accounting curriculum from intermediate levels to theory level courses. The IFRS curriculum presented provides a valuable alternative to the typical book-based accounting course and may even stimulate thought of how to make other courses in the accounting curriculum more engaging.

## AUTHOR INFORMATION

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