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Membership Information

Membership in SIEC-ISBE is open to everyone with an interest in Business Education. SIEC-ISBE has many national chapters.

Visit http://www.siecisbe.org/index.php?id=37&L=0 to find out if a chapter exists in your country. You can contact the national chapter from this website. If a chapter does not exist, contact the General Secretary for information to join as an international member. Contact information: Dr. Judith Olson-Sutton, secretary@siecisbe.org.

Permanent Office:
6302 Mineral Point Road, #100,
Madison, WI 53705
USA
http://www.siecisbe.org
Message from the International President

Dear SIEC Friends,

We are again publishing and distributing *The Review* in print format. The plan is to provide you with three or four electronic newsletters throughout the year and The Review in January of each year. *The Review* will provide more in-depth articles from our members that can be helpful in the classroom or with your administrative responsibilities. Of course, a copy of the brochure inviting you to our next international conference will be included with The Review each year.

Speaking of our international conference, this year we will be in Colchester, England, Britain’s first Roman city. Colchester is approximately 30 minutes by train from London. So, transportation to and from will be quite easy. Attending a conference is the best way to learn and work together for the benefit of our students. I do hope to meet you at the 2009 conference and subsequent conferences as well. Future conferences are planned in:

2010    Albury, Australia  
2011    Basel, Switzerland  
2012    United States  
2013    Berlin, Germany  

With warmest SIEC regards until we meet again,

Peg Saragina  
SIEC-ISBE International President
Election of SIEC-ISBE International President

2009-2011

SIEC-ISBE is seeking nominations for the position of International President. Peg Saragina will have fulfilled her second two-year term as SIEC-ISBE International President at the 2009 SIEC-ISBE Conference in Colchester, England. Individuals interested in being a candidate for the office of International President should send their nomination to the Permanent Office no later than 31 March 2009. Candidates for the SIEC-ISBE International President must be a member in good standing with their home chapter and have the following qualifications:

a) knowledge and experience of SIEC-ISBE and of Business Education,
b) active involvement in SIEC-ISBE conferences and activities,
c) ability to relate well to members from different countries,
d) ability to chair meetings of the Executive Committee and Board Committee effectively,
e) willingness to devote time and energy to SIEC-ISBE,
f) willingness to insure that the work of SIEC-ISBE continues between International Conferences, and,
g) in all ways, be representative of the organization.

All nomination papers (maximum of two pages) must be sent to the General Secretary at the Permanent Office address by 31 March 2009. Profiles of the candidates should cover the above qualifications. You may provide other background information or experiences which will provide additional information regarding your qualifications for the position. These nominations will be sent to the National Presidents by 1 June 2009. The National Presidents will inform their chapter members of the candidates before the election. Each nominee will make a five-minute presentation at the 1st Assembly of Delegates; the election will be held during the 2nd Assembly of Delegates in Colchester, England. The Permanent Office may be contacted by either of the following options:

Dr. Judy Olson-Sutton
SIEC-ISBE General Secretary
6302 Mineral Point Road, #100
Madison, WI 53705
USA

Or

E-mail: jsutton@matcmadison.edu
Preface

I would like to thank the wonderful professionals who filled the role of reviewers for this journal. Without their assistance, the job of editor would have been much more difficult. Thank you to Judee Timm, Carmel, California, USA; Ute Müller-Seydlitz, Munich, Bavaria, Germany; and Melinda Smith, Broken Arrow, Oklahoma, USA. All three of these ladies are SIEC/ISBE members who volunteered to help when asked. Thank you.

I hope that you find the two articles included in this year’s Review interesting. Thank you to everyone who submitted a manuscript for consideration. Without your submissions, we would not have had a journal.

Tamra S. Davis, Ph.D.
SIEC Editor 2009

SIEC Executive Committee
2008-2009

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Learning Strategies of First-year Business Students

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Abstract

The empirical study presented in this paper identifies potential strengths and weaknesses of first-year students’ learning strategies at the beginning of their studies. It concentrates on the students’ self-assessment of their self-motivation, time management, and concentration, coping with stress and fear of failure, elaboration of information, ability to focus on important information, cooperative learning, self-control of learning progress, and dealing with exams. The results reveal that during their school days, numerous students have not (or just very rarely) applied learning strategies that may be considered indispensable for successfully studying at a university, like taking notes in class or summarizing the most important information. The paper explores the results and discusses possible options to support first-year students in coping with the difficulties they might face when studying and preparing for their first exams at the university.

Introduction

It would seem reasonable to assume that students who have decided to study at a university have acquired appropriate learning skills or strategies after (at least) twelve years of schooling. Nevertheless, a considerable number of students at Austrian universities fail to finish the first year of their studies successfully. The Vienna University of Economics and Business Administration (“Wirtschaftsuniversität Wien”, short “WU”), with its more than 20,000 students is one of the largest Business Schools in Europe. Students have to take 14 courses equalling 59 European Credit Transfer System (ECTS) points on Business Administration, Law, Economics, Mathematics and Business Communication (e.g. Business English) to complete the first study year of their three-year bachelor program. At least 42 ECTS points must have been earned within the first two semesters for the students to be allowed to proceed to the second part of their bachelor...
studies. Only about one third of first-year students fulfil these requirements. All others fail to earn at least 42 ECTS points -- some not having passed one single exam. Therefore, it seems desirable to gain an understanding of how first-year students at the WU studied and prepared for written exams before starting their studies, i.e. during their school days. Thorough knowledge about the pre-university learning strategies of first-year students may help understand the difficulties that many students face at the beginning of their studies and support them in overcoming these difficulties and successfully proceeding with their studies. Since the beginning of the study year 2005/06, data on the students´ pre-university learning strategies has been analysed in order to find the answers to the following questions:

1. Which learning strategies have first-year students at the WU applied during their school days?
2. Which problems did they have at school when preparing for a test?
3. Is there a discrepancy between the learning strategies students have already applied and those that are considered desirable (or even indispensable) for studying successfully at a university?

This paper focuses on empirical results that answer these questions. It describes the first part of an exploratory research project carried out by the author and supported by the vice-rector for academic programs and student affairs at the WU. It analyzes and discusses the descriptive statistics on students´ pre-university learning strategies and proposes some measures to enhance student learning at the beginning of their studies.

**Theoretical framework**

Referring to the work of Weinstein and Mayer (1986), Wild (2000) defines learning strategies as behaviour and cognitions that students intentionally use to influence their acquisition of knowledge. Learning strategies may intend to control the students´ motivation and emotion as well as the selection, the acquisition and the organisation of knowledge. Metzger (2004) has chosen a very similar approach. He defines learning strategies as different ways of thinking and working that students use to initiate, sustain and enhance their learning efforts. Learning strategies are chosen intentionally, used to achieve a specific goal, continuously checked as to their effectiveness and adapted if necessary. Both definitions find students to be persons, who actively perceive, elaborate, interpret, combine and apply information, and who use strategies to support and to foster these learning processes. Both approaches focus on strategies that intend to
enhance the acquisition of declarative, subject-related knowledge (Wild, 2000).

Accordingly, Wild (2000) and Metzger (2004) have developed similar concepts to empirically assess learning strategies that are considered desirable or even indispensable for studying successfully. In their questionnaires, they use similar items to measure the students´ perception of how they learn and how they prepare for tests. Metzger´s questionnaire served as a basis for the empirical instruments used for the study at the WU, because it is better suited for students who have just begun their university study, whereas Wild´s instrument seems to focus on more advanced students.

Metzger´s concept comprises eight learning strategies, four of which are intended to create favourable learning conditions. These are self-motivation, time management, concentration and coping with stress and fear. All those are needed to focus on a subject in order to dedicate enough time to studying and using this time effectively.

Discerning relevant information and elaborating given information are important learning strategies to ensure the effective (i.e. meaningful and durable) acquisition of knowledge. Lectures and textbooks usually provide an abundance of information. Therefore students need to decide what to concentrate on because it is basic information and relevant to their learning. The elaboration of information consists in repeating, applying, practising and enriching information. Students can enhance their elaboration of information by writing summaries, answering questions, solving problems and discussing what they have learned.

Self-checking the learning process and dealing with tests and exams complete Metzger´s concept of learning strategies. While writing tests (and how to do this effectively) is just one single aspect of the whole learning process, self-checking is an integrative and indispensable part of it. It mainly consists in checking and controlling one´s own understanding and knowledge. This skill requires continuous and honest monitoring of the learning process. The students reflect on their learning, which is a meta-cognitive strategy (Wild, 2000). Compared to Metzger´s concept, Wild´s model of learning strategies comprises four more factors. While most of Wild´s additional strategies seem to be appropriate for more advanced students (such as critical thinking and self-initiated search for additional literature), first-year students might already have applied cooperative
learning. In fact, learning and working in teams is a vital part of teaching and learning at many secondary schools in Austria, so first-year students at a university might be used to it and may have found it useful during their school days.

**Method**

*Measures*

The questionnaire “How do I study?” developed for university students by Metzger, Weinstein and Palmer (2004) served as a basis for the survey of pre-university learning strategies of first-year business students at the WU. The original version comprises 65 items designed to measure the eight learning strategies according to Metzger’s concept. A few modifications of the instrument were necessary to achieve the goals of the WU study: Firstly, I chose to reformulate most of the items so that they would refer to the students’ learning strategies during their school days (expressed either as a strength or as a weakness). Secondly, I added three items to measure cooperative learning, and at the same time cancelled some items that seemed redundant in order to shorten the questionnaire. Nevertheless, each learning strategy was assessed through at least three different items in the questionnaire.

The items consist of statements on how students self-assess or self-evaluate their studying and five-step Likert scales (Bortz & Döring, 1995) to indicate the extent of agreement or disagreement to the statement (“This statement is ... (almost) always true (1) / frequently true (2) / occasionally true (3) / seldom true (4) / (almost) never true (5”)”). A pre-test with a smaller number of students revealed that the respondents were able to understand the items and complete the questionnaire within about 20 minutes. A factor analysis confirmed that the items measured the expected (and postulated) factor structure with only one exception: In the WU study the factor “self-checking / self-control” (short “SCO”) empirically split into three factors that could not be summarized by just one factor. So the study continued to work with three dimensions: “studying notes taken during a course” (factor SCO1), “self-check of understanding while studying” (SCO 2) and “visualizing information in tables and graphs” (SCO3).

*Participants*

The main study started in September 2005, when 623 students were asked to complete the questionnaire, and was continued one year later with another 712 first-year students. All students who had already studied at
another university were allowed to complete the questionnaire, but their data has not been included in the analyses of this research paper.

**Results**

Tables 2 and 3 show some basic psychometric results of the data: the mean as an indicator of central tendency, the standard deviation to reveal the homogeneity or heterogeneity of the students’ answers, and the cumulative percentage of full and almost full agreement to the statements (i.e. the first two steps of the five-step Likert scale). Results that are more detailed as well as the original (German) version of the questionnaire and/or an English version of the questionnaire are available by contacting the author by e-mail. Table 2 comprises the learning strategies that were formulated as strengths. The lower the mean, the more the students agreed to have applied this learning strategies (which can be considered favourable for their learning process and achievement). The smaller the standard deviation is, the more homogeneous the students´ answers were.

**Table 2: Learning strategies (strengths), selected items**

<table>
<thead>
<tr>
<th>Learning strategies (expressed as strengths), selected items based on students’ self-assessment</th>
<th>Mean 2005/06</th>
<th>Std. dev.</th>
<th>Always true/ frequently true, Cumulative percent</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Self-motivation</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I work through material, even if I don’t find it interesting.</td>
<td>2.19</td>
<td>0.979</td>
<td>64.2 %</td>
</tr>
<tr>
<td></td>
<td>2.19</td>
<td>0.888</td>
<td>65.0 %</td>
</tr>
<tr>
<td>I go through my notes from the previous lessons before attending classes.</td>
<td>3.18</td>
<td>0.897</td>
<td>18.5%</td>
</tr>
<tr>
<td></td>
<td>3.17</td>
<td>0.840</td>
<td>18.0%</td>
</tr>
<tr>
<td>I am well prepared for lessons.</td>
<td>2.63</td>
<td>1.079</td>
<td>48.0%</td>
</tr>
<tr>
<td></td>
<td>2.61</td>
<td>1.034</td>
<td>45.6%</td>
</tr>
<tr>
<td><strong>Cooperative learning</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If I don’t understand something while I’m studying I ask others for help.</td>
<td>2.13</td>
<td>1.010</td>
<td>69.7%</td>
</tr>
<tr>
<td></td>
<td>1.91</td>
<td>1.010</td>
<td>67.9%</td>
</tr>
<tr>
<td>When we are studying for exams, my colleagues in class and I test each other.</td>
<td>3.33</td>
<td>1.209</td>
<td>27.9%</td>
</tr>
<tr>
<td></td>
<td>3.31</td>
<td>1.145</td>
<td>25.0%</td>
</tr>
<tr>
<td><strong>Elaborating information</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I learn new words or definitions by imagining examples or situations.</td>
<td>2.49</td>
<td>1.043</td>
<td>52.8%</td>
</tr>
<tr>
<td></td>
<td>2.62</td>
<td>0.991</td>
<td>47.4%</td>
</tr>
<tr>
<td>I try to find connections between what I am learning and what I already know.</td>
<td>2.26</td>
<td>0.913</td>
<td>65.4%</td>
</tr>
<tr>
<td></td>
<td>2.24</td>
<td>0.877</td>
<td>66.4%</td>
</tr>
<tr>
<td>I try to see how the things I am learning could have an impact on my everyday life.</td>
<td>2.96</td>
<td>1.124</td>
<td>37.3%</td>
</tr>
<tr>
<td></td>
<td>2.97</td>
<td>1.058</td>
<td>35.4%</td>
</tr>
</tbody>
</table>
When I work through a topic I rearrange the subject matter in an order which I find easier to understand. 

<table>
<thead>
<tr>
<th></th>
<th>Item 1</th>
<th>Item 2</th>
<th>Mean</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1.98</td>
<td>0.944</td>
<td>74.5%</td>
</tr>
<tr>
<td></td>
<td>1.97</td>
<td>0.867</td>
<td>76.6%</td>
</tr>
</tbody>
</table>

Learning form notes taken in class (SCO1) 
After each lesson I go through my notes again so that I understand the topic better. 

<table>
<thead>
<tr>
<th></th>
<th>Item 1</th>
<th>Item 2</th>
<th>Mean</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3.83</td>
<td>1.065</td>
<td>12.8%</td>
</tr>
<tr>
<td></td>
<td>3.67</td>
<td>1.065</td>
<td>15.1%</td>
</tr>
</tbody>
</table>

Self-check of understanding (SCO2) 
I check myself if I really understood the content I have learned. 

<table>
<thead>
<tr>
<th></th>
<th>Item 1</th>
<th>Item 2</th>
<th>Mean</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2.15</td>
<td>0.924</td>
<td>70.4%</td>
</tr>
<tr>
<td></td>
<td>2.17</td>
<td>0.866</td>
<td>69.3%</td>
</tr>
</tbody>
</table>

During lessons I ask myself whether I understand what the teacher says. 

<table>
<thead>
<tr>
<th></th>
<th>Item 1</th>
<th>Item 2</th>
<th>Mean</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2.18</td>
<td>0.891</td>
<td>70.6%</td>
</tr>
<tr>
<td></td>
<td>2.29</td>
<td>0.941</td>
<td>64.2%</td>
</tr>
</tbody>
</table>

While I am reading study material I regularly stop and think over what I have read or look through it again. 

<table>
<thead>
<tr>
<th></th>
<th>Item 1</th>
<th>Item 2</th>
<th>Mean</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2.08</td>
<td>0.920</td>
<td>71.5%</td>
</tr>
<tr>
<td></td>
<td>2.16</td>
<td>0.868</td>
<td>69.4%</td>
</tr>
</tbody>
</table>

Visualizing information (SCO3) 
While I am studying something, I make outlines in order to better understand the material covered. 

<table>
<thead>
<tr>
<th></th>
<th>Item 1</th>
<th>Item 2</th>
<th>Mean</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2.94</td>
<td>1.213</td>
<td>39.5%</td>
</tr>
<tr>
<td></td>
<td>3.11</td>
<td>1.201</td>
<td>32.4%</td>
</tr>
</tbody>
</table>

I create tables and draw diagrams in order to put the subject matter in order and to summarize it. 

<table>
<thead>
<tr>
<th></th>
<th>Item 1</th>
<th>Item 2</th>
<th>Mean</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3.35</td>
<td>1.254</td>
<td>29.5%</td>
</tr>
<tr>
<td></td>
<td>3.47</td>
<td>1.292</td>
<td>24.7%</td>
</tr>
</tbody>
</table>

Likert scale: 1 = This statement is (almost) always true – 5 = This statement is (almost) never true

The results show that there are almost no differences between the results of the 2005/06 survey (first row of each item) and those of the 2006/07 survey (second row). Both groups of first-year students have a few main potential weaknesses when it comes to meeting the requirements of studying successfully at a university. Most students have (almost) never taken notes in class. But this seems to be useful to remember the material covered in a range of lectures on different subjects at university. The vast majority of students have not yet tried to visualize information themselves by preparing graphs or tables in order to structure given information. Maybe these skills were not necessary during their school days but they might be useful to deal with and to structure information, which is given on hundreds of pages of textbooks, and lecture notes.

A considerable number of students admit to having had problems concentrating, planning their study time and coping with stress. About one third of students lack concentration when they are in a bad mood. More than 40% put off their studying and more than 50% only study under the pressure of imminent exams. Considering the requirements of the first study-year at the WU, these results are not too encouraging.

Table 3 comprises the learning strategies that are expressed as weaknesses. Again, the lower the mean is, the more the respondents agreed
to the items. However, this time, the strong agreement does not indicate strength, but a potential problem for students who want to study effectively.

### Table 3: Learning strategies (weaknesses), selected items

(11 rows indicate the results of the 2005/06 survey, the second rows those of the 2006/07 survey)

<table>
<thead>
<tr>
<th>Learning strategies (expressed as weaknesses), selected items</th>
<th>Mean 2005/06</th>
<th>Std. dev. 2005/06</th>
<th>Mean 2006/07</th>
<th>Std. dev. 2006/07</th>
<th>Always true/ frequently true, Cumulative percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dealing with exams</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I do badly at tests, because I don’t organize the short test time well.</td>
<td>3.99</td>
<td>1.038</td>
<td>3.97</td>
<td>0.978</td>
<td>10.1%</td>
</tr>
<tr>
<td>If possible, I learn the material for a test by heart.</td>
<td>3.61</td>
<td>1.063</td>
<td>3.59</td>
<td>1.061</td>
<td>16.4%</td>
</tr>
<tr>
<td>Time management</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I only study under pressure when exams are imminent.</td>
<td>2.53</td>
<td>1.079</td>
<td>2.62</td>
<td>1.042</td>
<td>52.4%</td>
</tr>
<tr>
<td>I put off studying more than I should.</td>
<td>2.84</td>
<td>1.147</td>
<td>2.82</td>
<td>1.097</td>
<td>41.5%</td>
</tr>
<tr>
<td>I finish all the tasks I need for lessons in time.</td>
<td>3.04</td>
<td>1.139</td>
<td>3.12</td>
<td>1.075</td>
<td>34.2%</td>
</tr>
<tr>
<td>Concentration</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Private problems have the effect that I study less.</td>
<td>3.39</td>
<td>1.178</td>
<td>3.33</td>
<td>1.120</td>
<td>24.4%</td>
</tr>
<tr>
<td>I am easily distracted when I study.</td>
<td>2.91</td>
<td>1.097</td>
<td>3.01</td>
<td>1.038</td>
<td>36.8%, 31.7%</td>
</tr>
<tr>
<td>When I am in a bad mood I can hardly concentrate on learning.</td>
<td>3.06</td>
<td>1.092</td>
<td>3.01</td>
<td>1.038</td>
<td>31.0%</td>
</tr>
<tr>
<td>Coping with stress and fear</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bad grades discourage me.</td>
<td>3.06</td>
<td>1.178</td>
<td>3.12</td>
<td>1.165</td>
<td>32.6%, 29.9%</td>
</tr>
<tr>
<td>I am very scared during important tests.</td>
<td>3.50</td>
<td>1.226</td>
<td>3.53</td>
<td>1.190</td>
<td>22.7%, 20.7%</td>
</tr>
<tr>
<td>I am worried that I might not be capable of finishing my studies.</td>
<td>3.28</td>
<td>1.203</td>
<td>3.46</td>
<td>1.214</td>
<td>26.5%, 23.1%</td>
</tr>
<tr>
<td>Discerning relevant information</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>When I am studying I get lost in details and can’t remember the relevant points.</td>
<td>3.72</td>
<td>0.941</td>
<td>3.79</td>
<td>0.897</td>
<td>11.7%, 8.4%</td>
</tr>
<tr>
<td>I find it difficult to decide what to underline or mark in a text.</td>
<td>3.73</td>
<td>1.052</td>
<td>3.79</td>
<td>1.029</td>
<td>14.1%, 13.6%</td>
</tr>
</tbody>
</table>

Likert scale: 1 = This statement is (almost) always true – 5 = This statement is (almost) never true

When it comes to discerning important information and to dealing with exams, the results seem to be more favourable. According to their self-assessment, students also have had fewer problems to motivate themselves and to check their understanding. Students are used to motivating themselves to study material they do not find interesting. They simply fail to
prepare for every lesson. This is consistent with the fact that most students only studied under the pressure of exams that are imminent and tended to put off their studying.

Most students have already tried to relate new information to something that they already know, to express it in their own words and to find relationships. On the other hand, most of them have not yet tried to relate new information to their prior knowledge and experiences. Accordingly, they do not tend to find their own examples for new concepts and terms. Yet these strategies could be very helpful for learning and understanding business matters.

These results demonstrate that first-year students did not apply (or just very rarely) some presumably very important learning strategies during their school days. In addition, if they continue studying that way at university, they might face difficulties in dealing with a range of new subjects within two semesters. Therefore, it does not seem surprising that more than one fourth of the students are concerned whether they will be capable of finishing their studies successfully. There is a considerable discrepancy between the learning strategies students have applied and those that seem desirable (or even necessary) for studying successfully. This finding implies the importance of the question whether students adapt their leaning strategies to the requirements they experience in the course of their studies, a question that will be researched in future data analyses.

**Discussion**

The results of the 2005 and 2006 surveys reveal that numerous students have not (or just very rarely) applied learning strategies that may be considered indispensable for successfully studying at a university. During their school days, most students did not take notes in class, they did not summarize the most important information or make outlines or drawings in order to visualize and gain a better understanding of the material covered in class. Furthermore, most students have not yet tried to apply what they had to learn to real-life problems, to relate it to their prior knowledge of the subject and their experience or to find their own illustrative examples. One out of two students only learns under the pressure of imminent exams. Hence, it seems understandable that about one fourth of the first-year students fear that they will not be able to finish their studies at the WU successfully.
Therefore, it seems necessary to discuss options to support first-year students in coping with the difficulties they might face when studying and preparing for their first exams at the university. First, they need to be provided with detailed information about the requirements of their first study year: the courses and exams they have to take, how many and which textbooks to learn and how hard it is to take so many tests for a range of subjects within such a short time period. At the beginning of their studies, they should be made aware of the fact that their learning strategies – though they may have been sufficient during their school days – might not be the best option to ensure effective learning at university. Students who are very nervous, very afraid of failing at exams or cannot structure their learning process or concentrate on studying might need some extra help, ranging from individual coaching and psychological support to establishing learning groups of students who study for the same exams.

However, students learning are not only influenced by their own learning strategies. There is an abundance of empirical evidence that instructional quality contributes significantly to the students’ learning and understanding (e.g. Entwistle, 1992, Feldman, 1997, McKeachie, 1997, and Brophy, 2001). If instructors know about the students’ weaknesses and problems they can take them into consideration when designing, planning and preparing a course. It seems to be important to make students study continuously by assigning them questions to answer and problems to solve that refer to the material covered in class or to be read in a textbook. By giving many examples and providing hands-on activities in class, the students’ understanding can be enhanced so that they do not need to learn the material by heart. A lively and activating course will stimulate students’ interest in the subject. They will be more attentive and focus. If they are not, despite an interesting and activating course, they have probably chosen studies that do not fit their interests and abilities.

Exams play a very important role for the learning process. Of course, students will try to learn in the way the knowledge is assessed in the exams. If exams only consist of questions that can be easily answered by repeating information, at least some of the students will try to learn the information by heart. This strategy will prove insufficient when knowledge has to be applied and/or reflected on to answer a question. That is how exam questions that require the application and evaluation of knowledge may influence student learning. If some questions from past exams can be provided, students can
get an impression what to expect and how to prepare for the exam. Furthermore, cooperative learning could be encouraged to make sure that less motivated students might study with more motivated ones.

**Future Work**

More research is needed to get a deeper insight into the way students learn and to find out which learning strategies contribute most to students’ success at university. It is planned to continue the research project by a follow-up survey of the learning strategies of students who started their studies in 2005 or 2006 and still study at the WU in order to find out if more successful students had applied different pre-university learning strategies than their (less successful) colleagues, and if learning strategies have changed since the beginning of their studies due to the requirements of the studies.

**References**


Need for International Business Concepts in the Curriculum

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Abstract

With the continued increase in international business, business education has an obligation to reflect this trend. There are two methods for incorporating international business concepts into the curriculum: infusion and creation. Ideally, this obligation would be completed with a standalone course in international business. However, it can also be accomplished through incorporating international business concepts into current curriculum. Business programs need to include international aspects into the curriculum to help the students understand the economy in which they live.

Introduction

Business Education Association, 2007). The standards for these unit topics include a vast amount of information; information that could be incorporated into the existing core business courses. “International business is an area of the business education curriculum that commands center stage in today’s global economy” (National Business Education Association, 2001, p. 94).

As business relationships increase with international partners, businesses want employees who have an understanding of international concepts at all levels, from the receptionist to the CEO. An International Business course provides students a basic understanding of international business concepts that employers need from secondary graduates. It also prepares students entering post secondary education by providing them with a base understanding of international business concepts paving the way for future growth in this topic. Policy Statement 83 notes a call for action of business educators, “we believe that education for and about business must assist learners to acquire the knowledge, skills, abilities, and attitudes necessary to function successfully in the global business and economic environment” (Policies Commission for Business and Economic Education, 2008).

Businesses want to employ graduates who have a certain level of competence concerning international business affairs and who have the ability to relate to other workers in different parts of the world. Employees need to understand differences in time zones and the impact on business functions, understand global currencies, and global measurement systems. Employees need to be ready to work in a global economy and they need to be able to communicate across cultures. It is our responsibility as educators to see that students are graduating with a certain level of competence in international business.

Students need to be aware of the trends and affairs in the international economy. “Because economic interdependence is not commonplace, students must be prepared to live and work in a system that facilitates global business activities” (Dlabay, 2003, p. 251). Today’s global economy does not allow room for isolation, which has created a demand for all graduates to be informed about international business affairs. Look at the market today and the cost of oil. Oil prices increase and the pocketbooks of the consumer tighten to make ends meet; oil prices decrease and consumers have a little more money to spend in different sectors of the economy. Along with oil
prices, students can study the impact of terrorism on international business. An understanding of how terrorism impacts all areas of business including travel, production resources obtainment, or demand for goods and services. Students need to be aware of how business activities around the globe can affect their current business situation.

Business educators need to stress the importance of understanding international business. Educators need to provide students with the skills for lifelong employability in a global market. To accomplish this, business educators should infuse international concepts into all subject areas across the curriculum and at all levels of education.

There are two methods to helping students develop an understanding of international business concepts in the classroom: infusion and creation. Infusion integrates the international business concepts and standards into existing courses. Creation develops a standalone International Business course. Either method helps students develop a greater understanding of international business concepts; helping them to survive in the global economy.

**Infusion Method**

The simplest form of incorporating international business concepts into the curriculum is by using the infusion method. The infusion method focuses on incorporating principal international business concepts into the existing business curriculum. This method is best suited for programs that are unable to expand and create a standalone International Business course.

The infusion method helps to eliminate the duplication of content previously covered in other courses. Infusing international material can be done at any level, for any course. Elementary level educators introduce the topics of international careers, time zones, monetary systems, government structures, and verbal and nonverbal communication. Middle school educators can expand upon the elementary curriculum in communication skills, ethics and social responsibility, levels of economic development, and the trade regions. Secondary educators can continue by covering the impact of international business on the economy, business travel, cultural influences on business, and international marketing strategies. International business can be incorporated into university courses as well. A United States publication, the *National Standards for Business Education*, provides a standard for all levels of education relation to International Business. This is a great resource when looking for information to infuse material into the
current curriculum. Infusion allows teachers to use international business concepts when and where they feel it is necessary. It forces the teacher to look into international business affairs to find current information that is relevant to the topic at hand.

“In order for business students to be globally aware and best prepared for the future workplace, international topics must be integrated into the business curriculum” (Crews & Stitt-Gohdes, 2003). In a Marketing course, students can compare differences in marketing strategies used in various countries. In a Finance course, students can analyze the impact of foreign markets in comparison to their domestic markets. Business Communication courses can cover an international aspect of communication. An Ethics course can cover ethics and social responsibility at the international level. Lesson ideas are numerous.

With the increase in globalization, the core business classes should have an international component included. Courses that do not currently cover international topics should infuse international business concepts. All courses need to update the content that is gathered from international sources regularly due to the rate the global economy is changing and incorporate the content into the curriculum.

**Creation Method**

The second method pertaining to international business concepts is the creation of a new course. This is the ideal option because the course is created to teach the concepts specific to international business and the global economy. This method is best suited for programs that can afford, in every aspect, to expand and create a new course.

A course in International Business can go further into international business content than the core business courses. This course allows students to expand their understanding of the base level business concepts at the international level. Students also learn advanced concepts specific to the international business level. The International Business Standards focus on

- Raising awareness of the interrelatedness of one country’s political policies and economic practices on another;
- Learning to improve international business relations through appropriate communications strategies;
- Understanding the global business environment, the interconnectedness of cultural, political, legal, economic, and ethical systems;
• Exploring basic concepts underlying international finance, management, marketing, and trade relations;
• Identifying forms of business ownership and international business opportunities

Business education programs have an obligation to meet the need of the global economy and provide students with an understanding of international business as it relates to their future. A standalone course provides the greatest opportunity to reach these needs.

The depth of an International Business course is far greater than what can be covered in the core business courses. Teachers have an opportunity to expand on the material and go deeper into the content, allowing for a greater understanding of the subject matter. Examples include the United States trade policy, legal issues regarding trade, social responsibility of local operations overseas, and the impact of geography. International Business is a course that incorporates all aspects of business at an international level, which meets the needs of the economy for globally informed citizens.

In Closing

International Business is a course that should stand alone from the other business courses if there is room within the department for expansion. The concepts need to be studied and be investigated in depth, which may be more difficult in the core business courses. However, if there are limited resources, international business concepts can be infused into the core business courses. The core business courses should incorporate international material into the curriculum even if a stand-alone International Business course exists in the program.

“The presence of the global marketplace and the subsequent need for international business education are evident in the products Americans buy, in the companies where people work, and in the cross-cultural interactions that occur daily” (Dlabay, 2003, p. 251). The complex environment of today’s business world requires all graduates to have an understanding of the global economy. The economy demands knowledge in international affairs by citizens at every level, and schools need to meet this need.

Business educators need to reach the students prior to the media’s influence on international business. The media has highlighted and even exaggerated the potentially negative effects of globalization (Cardon, 2007). Business educators need to help students remove the veil of secrecy or
confusion that may be in front of international business and the global economy. As seen in today’s economy, “students need to understand how one phenomenon creates another and how one event starts a ripple effect throughout the world” (National Business Education Association, 2007, p. 100).

International business is a reality. The global economy is not disappearing. Educators need to embrace it. Students need to study and understand it. The global economy is now, and needs to be taught to all students around the world.

References


Call for Papers

The Review is a refereed journal and a publication of the SIEC organization. All manuscripts will receive a blind review by three external reviewers, one from each of the three SIEC regions. Accepted manuscripts will be published in the next issue of The Review. The deadline for submission is October 1 each year. Publication is in January of the following year.

The purpose of The Review is to provide international business educators with articles concerning current and/or future teaching strategies in international business education, research-based articles on international business education, and technology ideas for international business education. The focus can be from any area of international business education including technology, communications, leadership, management, marketing, etc.

Publishing Guidelines:

1. All manuscripts should follow the APA 5.0 style, including references
2. Length—2—10 pages, including references which do NOT have to be on a separate page
3. Single-spaced with one blank line between paragraphs and before/after headings. No other formatting should be used
4. Word 2003 or higher software ONLY
5. Font should be a standard serif or sans-serif font, 12-point.
6. All graphics should be encased in a box.
7. Margins should be 1-inch
8. No header or footer should be included
9. No page numbers
10. A title page that includes the manuscript title and author(s) name, name and address of institution, email address, and telephone number for primary author must be included
11. All submissions must be electronic. Send to Tamra-Davis@ouhsc.edu
12. Include a digital picture of author(s)
13. Primary author must be a member of his/her respective SIEC Chapter
14. Manuscript cannot be under consideration by another publication at the time of submission to SIEC
15. The reviewers may make suggestions for revisions. The editor will work with the author(s) to make the changes
16. The editor reserves the right to edit all manuscripts accepted for publication
17. Manuscripts accepted for publication will require a copyright release form
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Putting Learners and Customers First
Colchester, England
02 August 2009 – 07 August 2009

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To Register & View Pre- Post-conference Information: http://www.siec.org.uk

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Programme Information:

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<th>Programme for Accompanying Persons</th>
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| Sunday 02 August 2009 | Registration @ Best Western Marks Tey Hotel  
First time attendees’ meeting  
Welcome buffet | Registration at the Best Western Marks Tey Hotel  
Welcome buffet |
| Monday 03 August 2009 | Opening Ceremony  
Lectures  
Assembly of delegates  
Visit to Colchester Castle  
Reception at Moot Hall | Opening Ceremony  
Lectures  
Presentation of programme  
Visit to Colchester Castle  
Reception at Moot Hall |
| Tuesday 04 August 2009 | Pedagogical Programme  
Industrial visit  
Reception at Layer Marney Tower | Tours around Beth Chatto Gardens  
Visit to Tiptree Jam  
Reception at Layer Marney Tower |
| Wednesday 05 August 2009 | Day trip to Cambridge, including a walking tour of the city, punting on the River Cam and dinner at St. John’s College, University of Cambridge | Day trip to Cambridge, including a walking tour of the city, punting on the River Cam and dinner at St. John’s College, University of Cambridge |
| Thursday 06 August 2009 | Pedagogical Programme  
Chapter evening | Tour of Constable Country in Dedham and a visit to Lavenham |
| Friday 07 August 2009 | Pedagogical Programme  
Assembly of delegates  
Farewell dinner and dance | Visit to Colchester Zoo  
Farewell dinner and dance |
A Brief Introduction to SIEC/ISBE

Founded in Zurich in 1901, SIEC-ISBE has been promoting business education around the world for 108 years. The following countries have chapters in the organization:

- Australia
- Austria
- Belgium
- Czech Republic
- Denmark
- England
- Estonia
- Faroe Islands
- Finland
- Germany
- Iceland
- India
- Italy
- Norway
- Poland
- Scotland
- South Korea
- Spain
- Sweden
- Switzerland
- USA

In addition, SIEC/ISBE accepts members from countries that do not have a chapter affiliation. International members currently represent Malaysia, New Zealand, and Ireland.

The objectives of SIEC/ISBE are:

1. To promote the internationalization of business education and training in cooperation with business and professional organizations, educators, and institutions in the private and public sectors.
2. To foster and develop an international multi-lingual network of national Chapters and individuals with an interest in business education and to cooperate with other organizations which have similar objectives and interests.
3. To encourage and maintain links between education and business, both nationally and internationally.

To find additional information about SIEC/ISBE, contact the permanent office:

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