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## UPAC MEMORANDUM

UPAC Chair: Sue Brigden  
Phone: 4372

UPAC Assistant: Amanda Grimson  
Phone: 4571

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**TO:** Undergraduate Program Advisory Committee Representatives

**FROM:** Amanda Grimson, UPAC Assistant

**DATE:** March 18, 2010

**RE:** NOTICE OF UPAC MEETING

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An Undergraduate Program Advisory Committee (UPAC)

meeting is scheduled for:

**Friday, March 25, 2010**

10 am, Room A225 (Abbotsford campus)

*[Agenda package attached]*

## UNDERGRADUATE PROGRAM ADVISORY COMMITTEE (UPAC) MEETING

Friday, March 25, 2011  
10 am – Room A225  
Abbotsford Campus

### AGENDA

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#### 1. APPROVAL OF UPAC AGENDA

#### 2. APPROVAL OF UPAC MINUTES

2.1. UPAC draft minutes: February 25, 2011

Exhibit 2.1 (p.1)

#### 3. COURSE OUTLINES

The following courses are ready for publication following UPAC approval. Official course outlines are available online at <http://www.ufv.ca/calendar/courseoutlines/upac/>.

##### 3.1. Communications

New course: CMNS 320, Editing Principles and Applications

Changes including prerequisites and co-requisites: CMNS 175

##### 3.2. Criminology and Criminal Justice

New course: CRIM 321, Qualitative Research Methods

##### 3.3. Education

Changes including course title: EDUC 412

Changes including course credits: EDUC 420, 445, 453

Changes including title and course credits: EDUC 452, 454

##### 3.4. English

Review with changes including title and prerequisites: ENGL 120, 130, 150

##### 3.5. Social, Cultural, and Media Studies

Review with changes: MACS 210

Review with changes including prerequisites: MACS 215

#### 4. OTHER UPAC BUSINESS

##### 4.1. Arts

Change to program: Bachelor of Arts course duplication policy

*J. Bishop*

Exhibit #4.1 (p.8)

##### 4.2. Teacher Education

Change to program: Teacher Education Program

*A. Sivia*

Exhibit #4.2 (p.10)

## **5. INFORMATION**

### **5.1. Business Administration**

Exhibit #5.1 (p.14)

Mathematics entrance requirements

### **5.2. Upgrading and University Preparation**

Discontinued courses: ENGL 042, 043

## **6. ADJOURNMENT**

**UNDERGRADUATE PROGRAM ADVISORY COMMITTEE (UPAC)  
MEETING**

**Friday, February 25, 2011  
10 am – Room A225  
Abbotsford Campus**

**DRAFT MINUTES**

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**Present:** M. Bos-Chan, S. Brigden, J. Carroll, E. Harris, C. Loten, S. Pattridge, E. Spalding, S. Stegmüller

**Guests:** M. Breedveld, C. Forster, A. McCormick, R. McLeod

**Recorder:** A. Grimson

**1. APPROVAL OF UPAC AGENDA**

**MOTION:**

**E. Spalding/S. Pattridge**

To approve the revised agenda as presented.

**CARRIED**

**2. APPROVAL OF UPAC MINUTES**

**2.1. UPAC draft minutes: January 28, 2011**

**MOTION:**

**E. Spalding/S. Stegmüller**

To approve the draft minutes as presented.

**CARRIED**

**3. COURSE OUTLINES**

**MOTION:**

**E. Harris/S. Pattridge**

To approve the following course outlines as presented, with the exception of the Continuing Studies courses (HLTH NC01-NC12) and ENGL 108, 109, 115, and 170.

**CARRIED**

**3.1. Aviation**

Changes including prerequisites, title, and credits: AV 414

Changes including title: AV 415

Discontinuation of course: AV 413

**3.2. Business Administration**

Change to prerequisites: BUS 349/ECON 349

Cross-listing as ECON courses: BUS 301, 349, 433, 434, 435, 449

**3.3. Criminology and Criminal Justice**

Changes including title and course number: CRIM 251 (formerly CRIM 151)

Changes including title and course number: CRIM 252 (formerly CRIM 101)

**3.4. English**

New course: ENGL 378, Creative Writing: Advanced Screenwriting

**3.5. History**

New course: HIST 331, Rebels, Reformers, and Realists: British North America, 1837-1867

**3.6. Music**

New course: MUSC 199, Ensemble Practicum

**3.7. Nursing**

Changes including credits and course number: HSC 111 (formerly HSC 110)

Changes including credits and course number: HSC 113 (formerly HSC 112)

**3.8. Social, Cultural, and Media Studies**

New course: SOC 254, Writing for the Social Sciences

New course: SOC 357, Advanced Research Methods

New course: SOC 358, Advanced Research on a Selected Topic

New course: SOC 493, Advanced Research Project

**3.9. Social Work**

Review with changes: SOWK 490

**3.10. Theatre**

New course: THEA 307, World Theatre

**3.11. Continuing Studies**

Change to prerequisites: HLTH NC 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12

**MOTION:**

**E. Spalding/S. Pattridge**

To approve the changes to HLTH NC01-NC12 as amended:

- Prerequisites changed to "Acceptance into the Nursing Unit Clerk program".

**CARRIED**

**3.12. English**

Change to prerequisites: ENGL 108, 109, 115, 170

The prerequisite changes for these courses are being proposed to give students a better chance of success, and in part to direct more students toward ENGL 105 before they go on to other English courses. However, the elimination of a number of test scores will present challenges for international students. It was also noted that ESL WG84 should probably be retained in the prerequisites, as it has been articulated with ESL courses (and fulfills the prerequisites for first-year English courses) at other institutions. J. Carroll will take this proposal back to the English curriculum committee for revisions.

**MOTION:**

**E. Harris/M. Bos-Chan**

To defer the changes to ENGL 108, 109, 115, and 170.

**CARRIED**

#### **4. OTHER UPAC BUSINESS**

##### **4.1. History**

Change to program: History major and extended minor

**MOTION:**

**E. Spalding/J. Carroll**

To approve the revisions to the History major and extended minor as presented.

**CARRIED**

##### **4.2. Criminology and Criminal Justice**

Changes to program: Criminal Justice minor and extended minor

**MOTION:**

**E. Harris/S. StegmueLLer**

To approve the addition of CRIM 251 and CRIM 252 as alternatives to CRIM 240 in the Criminal Justice extended minor as presented.

**CARRIED**

**MOTION:**

**E. Harris/E. Spalding**

To approve the change to the entrance GPA for the Criminal Justice minor and extended minor from 2.67 to 2.5 as presented.

**CARRIED**

**RECOMMENDED TO SENATE**

Changes to program: Bachelor of Arts (Criminal Justice)

**MOTION:**

**E. Spalding/J. Carroll**

To approve the changes to the entrance requirements for the BA (Criminal Justice) degree as presented.

**CARRIED**

**RECOMMENDED TO SENATE**

**MOTION:**

**J. Carroll/E. Spalding**

To approve the change to the BA (Criminal Justice) program continuance GPA for registering in upper-level courses from 2.0 to 2.5 as presented.

**CARRIED**

**RECOMMENDED TO SENATE**

**MOTION:**

**E. Harris/ C. Loten**

To approve the addition of CRIM 251 and CRIM 252 as alternatives to CRIM 240 in the BA (Criminal Justice) degree as presented.

**CARRIED**

##### **4.3. Business Administration**

Change to program: Business minor

It was noted that, although the Business department wishes to make the minor available to all degree programs, all programs will not necessarily accept it. Students will be advised to consult their own program regarding availability.

**MOTION:**

**E. Spalding/S. StegmueLLer**

To approve the availability of the Business minor to all UFV degree programs, as presented.

**CARRIED**

**RECOMMENDED TO SENATE**

Changes to program: Bachelor of Business Administration

**MOTION:**

**J. Carroll/S. StegmueLLer**

To approve the increased residency requirement for the Bachelor of Business Administration from 25% to 50% as presented, effective September 2012.

**CARRIED**

**RECOMMENDED TO SENATE**

**MOTION:**

**C. Loten/E. Spalding**

To approve the change to the entrance requirements for the BBA as presented, effective September 2012.

**CARRIED**

**RECOMMENDED TO SENATE**

**MOTION:**

**E. Spalding/E. Harris**

To approve the addition of a Finance option, and removal of the existing Accounting and Financial Management concentration, in the BBA as presented, effective September 2011.

**CARRIED**

**RECOMMENDED TO SENATE**

Change to program: Business diploma

New course: BUS 149, Essentials of Finance

**MOTION:**

**S. Pattridge/C. Loten**

To approve the course outline for the new BUS 149, and the replacement of BUS 162 with BUS 149 in the BBA and Business diploma programs as presented.

**CARRIED**

Change to program: BBA Human Resources Management option

**MOTION:**

**E. Harris/E. Spalding**

To approve the change to elective courses for the BBA Human Resource Management option as presented.

**CARRIED**

Change to program: BBA Trades Management

**MOTION:**

**E. Harris/S. Pattridge**

To approve the changes to the entrance requirements for the BBA Trades Management program as presented, effective September 2012.

**CARRIED**

**RECOMMENDED TO SENATE**

**MOTION:****C. Loten/E. Spalding**

To approve the changes to the program requirements for the BBA Trades Management program as presented.

**CARRIED****Change to programs:** BBA (Aviation) and Aviation diplomas

UPAC members noted that the mathematics requirements will need to be updated to reflect the new high school mathematics courses. M. Breedveld indicated that the math entrance requirements should include the prerequisites for whichever MATH course is required in the program.

It was also noted that a reference to an additional application fee charged by Coastal Pacific Aviation has been removed from the calendar copy. Although this information may be subject to change, it should remain in the calendar so that students are aware of the additional fee. This can be seen as an editorial change; A. Grimson will ensure that full fee information is included in the calendar.

The electives required in the two-year diploma program were also discussed. The calendar copy indicates that five courses of 3 or 4 credits each, at the 100-level or above, are required to complete the program. However, there are also a number of 5-credit courses which should satisfy these requirements, and UPAC members questioned whether the department was actually looking for a minimum number of credits as opposed to a minimum number of courses. Several possible scenarios were discussed, such as whether a 2-credit course might be accepted in conjunction with a 5-credit course. M. Breedveld indicated that the calendar could be changed to require five courses, totaling at least 15 credits.

**MOTION:****E. Spalding/S. Pattridge**

To approve the changes to the BBA (Aviation) as presented, with the understanding that the sections pertaining to the mathematics requirements will be updated prior to Senate.

**CARRIED****RECOMMENDED TO SENATE****MOTION:****S. Stegmüller/C. Loten**

To approve the changes to the Aviation diploma (one-year program) as presented, with the understanding that the sections pertaining to the mathematics requirements will be updated prior to Senate.

**CARRIED****RECOMMENDED TO SENATE****MOTION:****J. Carroll/E. Spalding**

To approve the changes to the Aviation diploma (two-year program) as amended, with the understanding that the sections pertaining to the mathematics requirements will be updated prior to Senate:

- Required university-level electives changed from five courses of 3-4 credits to five courses totaling at least 15 credits.

**CARRIED****RECOMMENDED TO SENATE****4.4. Social, Cultural, and Media Studies**

**Change to program:** Sociology major: addition of Social Research concentration

**MOTION:****S. Pattridge/E. Harris**

To approve the addition of a Social Research concentration to the Sociology major as presented.



**CARRIED  
RECOMMENDED TO SENATE**

**4.5. English**

Change to program: English major: addition of Creative Writing concentration

**MOTION:**

**J. Carroll/E. Spalding**

To approve the addition of a Creative Writing concentration to the English major as amended:

- Addition of ENGL 378 to: “12 credits from ENGL 302, 303, 311, 313, 315, 317, 373, 377, 378, 381”.

**CARRIED  
RECOMMENDED TO SENATE**

Change to program: English Honours

**MOTION:**

**E. Spalding/S. Pattridge**

To approve the removal of ENGL 385 from the upper-level requirements in the English Honours program as presented.

**CARRIED**

**4.6. Trades**

Changes to program: Architectural Drafting Technician certificate entrance requirements

**MOTION:**

**E. Spalding/C. Loten**

To approve the change to the Architectural Drafting Technician certificate mathematics entrance requirement as presented.

**CARRIED  
RECOMMENDED TO SENATE**

Changes to program: Electronics Technician Common Core certificate entrance requirements

**MOTION:**

**E. Spalding/S. Pattridge**

To approve the change to the Architectural Drafting Technician certificate mathematics entrance requirement as amended:

- Applications of Math 11 will be retained in the new requirements.

**CARRIED  
RECOMMENDED TO SENATE**

**5. INFORMATION**

**5.1. Change to prerequisites resulting from course number changes**

The following courses include as prerequisites courses whose numbers have recently changed. These will be updated accordingly:

Change to prerequisites: BUS 227, 326, 349

Change to prerequisites: HSC 116, 210

Change to prerequisites: NURS 120

## **5.2. Early Childhood Education**

The following were included in the BECE proposal approved by UPAC on Dec. 17, 2010, but were not specifically noted on the agenda. These will not take effect until the program has been externally approved:

New course: ECE 399, Current Issues in Early Learning

New course: ECE 401, Language Development and Pre-Literacy

New course: ECE 402, ECE Methods: Working with Behaviours in the Early Learning Environment

Change to course number: ECE 222 (formerly ECE 122)

Change to course number: ECE 225 (formerly ECE 125)

Change to course number: ECE 230 (formerly ECE 130)

Changes including title, prerequisites, and course number: ECE 231 (formerly ECE 123 and 124)

Change to course number: ECE 233 (formerly ECE 133)

Change to course number: ECE 235 (formerly ECE 135)

Changes including pre/corequisites and course number: ECE 301 (formerly ECE 260)

Changes including prerequisites and course number: ECE 302 (formerly ECE 213)

Changes including title, prerequisites, and course number: ECE 303 (formerly ECE 224)

Changes including prerequisites and course number: ECE 311 (formerly ECE 281)

Changes including prerequisites and course number: ECE 312 (formerly ECE 242)

Changes including prerequisites and course number: ECE 313 (formerly ECE 223)

## **6. ADJOURNMENT**

The meeting was adjourned at 11:55 am

## MEMORANDUM

**TO:** AFCC  
**FROM:** Susan Fisher, Joanne Bishop, Amanda McCormick (BAPC Ad hoc group)  
**SUBJECT:** Change to the BA Course Duplication Requirement  
**DATE:** February 9, 2011

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Please accept this proposal for the following changes:

### 1. Change to the Course Duplication Requirement

**From:**

**Course repetition**

Students may not register for a course more than twice. No more than five course duplications will be permitted. Where a course has been repeated, only the higher grade is counted in the GPA calculation.

**To:**

**Institutional Policy on Repeating a course**

[http://www.ufv.ca/calendar/2010\\_11/General/Registration.htm#Repeating](http://www.ufv.ca/calendar/2010_11/General/Registration.htm#Repeating)

Students may not register in a course more than twice without permission of the appropriate dean or designate. When a course is repeated, the GPA at UFV includes only the higher grade, but all attempts appear on the transcript. Some programs limit the number of courses which can be repeated. Transferred courses are considered in the number of attempts.

**BA Policy on Course Duplication**

Duplication refers to taking a course more than once.\* No more than five duplications will be permitted on courses which apply to the BA. This limit could be reached through multiple repeats of the same course or through repeats of several different courses. A "W" in a course is not counted as a duplication.

Students with more than five course duplications will not be eligible to graduate with a Bachelor of Arts degree.

\*Repeats of Theatre 199 and 299 are exempt from the duplication rule when a grade of P or higher is achieved.

## 2. Change to Graduation calendar entry

### From:

It is the student's responsibility to ensure all program requirements are met. This should be done by regular consultation with an Arts advisor.

### To:

It is the student's responsibility to ensure all program requirements are met. This should be done by regular consultation with an Arts advisor. **Please note that students with more than five course duplications will not be eligible to graduate with a Bachelor of Arts degree.** (Repeats of Theatre 199 and 299 are exempt from the duplication rule when a grade of P or higher is achieved.)

## 3. Change to the order of calendar entries

### From:

Graduation Standing required for continuance, Course repetition, Academic warning, etc.

### To:

Graduation, Repeating a Course, Course Duplication, Standing Required for continuance, Academic warning, etc.

## **RATIONALE:**

1. The current calendar description under "Course Repetition" combines the institutional policy for repeating a course with a BA requirement which limits the number of course repeats (the same course or a combination of different courses) to five. The wording is confusing and does not clearly state the expectations of either limitation. In creating two separate entries, the institutional expectations for each are more easily understood.

As it is not possible to meet regularly with all students to monitor their performance, problems with course duplications are often not detected until a student is close to completing degree requirements. The current wording, "No more than five course duplications will be permitted." cannot be enforced. As students cannot graduate with a BA with more than five duplications, clearly stating this is appropriate and necessary to give them a clear understanding of the consequences.

2. To provide further clarification, the information regarding course duplication and graduation has been added to the Graduation calendar entry.

3. The order of the calendar entries has been changed to make it clear that the Standing required for continuance, as related to grade point average, is sequenced with Academic warning, Required to withdraw, etc., which are also related to grade point average. Repeating a course and Course duplication are not.



To: Undergraduate Program Advisory Committee  
From: Teacher Education Program  
Date: February 14, 2011  
Re: Requested program change – sequencing of courses within TEP

**Rationale:**

The existing courses and course schedules have been reviewed by all members of the Teacher Education Program and changes made, as noted below, are determined by several considerations. Due to the nature of the “cohort” model, changing the sequence of a few courses more accurately reflects students’ learning needs as they develop from student to teacher over the course of one year in the program. Specific methodology courses are “paired” in the same semester for purposes of integration, while others are shifted to connect more substantively with field experiences and practica. The changes also respond to student and district feedback regarding the need for more time spent on planning, assessment and special education. The arrangement of courses facilitates a better balance of credits per semester and student workload. The goals and program values remain unchanged.

The changes do not alter the overall credit value of 55 credits and course numbers remain the same. Given that TEP runs on a cohort model, no current and future student will be affected by this change in course sequence. We would like to implement the proposed changes for the next cohort, starting in July 2011. The goals of the program continue to reflect the overall program structure of courses, school experiences and practica. These changes simply facilitate a more coherent and connected program based on feedback and program analysis.

**Existing Calendar Copy 2010/2011**

**Term 1 (July and August)**

<b>Course</b>	<b>Title</b>	<b>Credits</b>
EDUC 410	Schooling in a Diverse Society	3
EDUC 421	Designs for Learning Elementary Social Studies	2
EDUC 422	Designs for Learning Elementary Fine Arts	1
EDUC 424	Designs for Learning Elementary Mathematics	3
EDUC 425	Designs for Learning Elementary Physical Education	1
EDUC 445	Planning and Assessment	1
EDUC 495A	Applications of Reflective Practice I	0.5

Total	11.5
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## **Term 2 (September to December)**

### **Integration of Knowledge and Practice**

<b>Course</b>	<b>Title</b>	<b>Credits</b>
EDUC 412	Developmental Theory and Teaching	3
EDUC 420	Designs for Learning Elementary Language Arts	2
EDUC 423	Designs for Learning Elementary Science	2
EDUC 444	Classroom Management Strategies	1
EDUC 446	Information Technology in Teaching	1
EDUC 447	Indigenous Youth and Schooling	1
EDUC 448	Conflict Resolution in Schools	1
EDUC 490	School Experience (Practicum 1)	6
EDUC 495B	Applications of Reflective Practice II	0.5
Total		17.5

## **Term 3 (January to April)**

### **Courses on Emerging Educational Issues**

<b>Course</b>	<b>Title</b>	<b>Credits</b>
EDUC 442	Introduction to Classroom Research	1
EDUC 450	Second Language Learning in Classroom Practice	2
EDUC 452	Principles of Assessment, Evaluation, and Reporting	1
EDUC 453	Literacy Across the Curriculum	3
EDUC 492	Integration of Knowledge and Practice (Practicum 2)	12
EDUC 495C	Applications of Reflective Practice III	0.5
Total		19.5

## **Term 4 (May to June)**

<b>Course</b>	<b>Title</b>	<b>Credits</b>
EDUC 454	Mental Health and Special Learning Needs in Schools	3
EDUC 460	Governance and Reform in Public Education	3
EDUC 495D	Applications of Reflective Practice IV	0.5
Total		6.5

Total program credits	55
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## Proposed Calendar Copy for 2011/2012

**This is the suggested order and sequence of courses taken by all students within the cohort model.**

### Term 1 (July and August)

Course	Title	Credits
EDUC 410	Schooling in a Diverse Society	3
<b>EDUC 420</b>	<b>Designs for Learning Elementary Language Arts</b>	<b>3</b>
EDUC 421	Designs for Learning Elementary Social Studies	2
<del>EDUC 422</del>	<del>Designs for Learning Elementary Fine Arts</del>	<del>4</del>
<del>EDUC 424</del>	<del>Designs for Learning Elementary Mathematics</del>	<del>3</del>
EDUC 425	Designs for Learning Elementary Physical Education	1
EDUC 445	Planning and Assessment	<b>2</b>
<b>EDUC 446</b>	<b>Information Technology in Teaching</b>	<b>1</b>
EDUC 495A	Applications of Reflective Practice I	0.5
Total		<b>12.5</b>

### Term 2 (September to December)

#### Integration of Knowledge and Practice

Course	Title	Credits
EDUC 412	<b>Introduction to Development and Special Learning Needs</b>	3
<del>EDUC 420</del>	<del>Designs for Learning Elementary Language Arts</del>	<del>2</del>
<b>EDUC 422</b>	<b>Designs for Learning Fine Arts</b>	<b>1</b>
EDUC 423	Designs for Learning Elementary Science	2
<b>EDUC 424</b>	<b>Designs for Learning Elementary Mathematics</b>	<b>3</b>
EDUC 444	Classroom Management Strategies	1
<del>EDUC 446</del>	<del>Information Technology in Teaching</del>	<del>4</del>
EDUC 447	Indigenous Youth and Schooling	1
EDUC 448	Conflict Resolution in Schools	1
EDUC 490	School Experience (Practicum 1)	6
EDUC 495B	Applications of Reflective Practice II	0.5
Total		<b>18.5</b>

### Term 3 (January to April)

#### Courses on Emerging Educational Issues

Course	Title	Credits
<del>EDUC 442</del>	<del>Introduction to Classroom Research</del>	<del>4</del>
EDUC 450	Second Language Learning in Classroom Practice	2
EDUC 452	Principles of Assessment, Evaluation, and Reporting	<b>2</b>

EDUC 453	Literacy Across the Curriculum	1
EDUC 492	Integration of Knowledge and Practice (Practicum 2)	12
EDUC 495C	Applications of Reflective Practice III	0.5
Total		17.5

**Term 4 (May to June)**

Course	Title	Credits
EDUC 442	Introduction to Classroom Research	1
EDUC 454	Mental Health and Special Learning Needs in Schools	2
EDUC 460	Governance and Reform in Public Education	3
EDUC 495D	Applications of Reflective Practice IV	0.5
Total		6.5

Total program credits	55
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## UPAC MEMORANDUM

UPAC Chair: Sue Brigden  
Phone: 4643

UPAC Assistant: Amanda Grimson  
Phone: 4571

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**TO:** UPAC

**FROM:** Amanda Grimson, UPAC Assistant

**DATE:** March 18, 2011

**RE:** Business Administration mathematics entrance requirements

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At its February 25, 2011 meeting, UPAC voted to approve changes to the Business Administration programs, with the understanding that the mathematics entrance requirements would be updated prior to submission to Senate. Updated requirements, as approved by Senate on March 11, 2011, are being presented to UPAC for information.

### **BACHELOR OF BUSINESS ADMINISTRATION**

#### **Option 1: High school graduates**

**Old:** Principles of Math 12 or equivalent, with a minimum C+.

**New:** Prerequisites for MATH 141 (including a C+ or better in one of Foundations of Math 12, Pre-calculus 12, or Principles of Math 12).

#### **Option 2: University students**

**Old:** Principles of Math 11 or 12 with a minimum C, or UFV MATH 085 with a minimum C, or a minimum MATA score of 67%.

**New:** Prerequisites for MATH 141.

### **BBA TRADES MANAGEMENT**

**Old:** *No specific mathematics requirements.*

**New:** Prerequisite for BUS 149.

### **BBA (AVIATION)**

#### **Option 1: High school graduates**

**Old:** C+ or better in Principles of Math 12, Physics 11, and English 12. (Accounting 11, Physics 12, Computer Science and French, or other second language, are recommended.)

**New:** Prerequisites for MATH 141 (including a C+ or better in one of Foundations of Math 12, Pre-calculus 12, or Principles of Math 12).

**Option 2: UFV/CPA Aviation diploma graduates**

**Old:** Principles of Mathematics 12 (C+ or better), or UFV MATH 094/095 (C+ or better in each) or MATH 109 (B or better), or MATH 110 (C+ or better), or a MATA score of 67% or better (see Note), or equivalent. MATH 111 and 115 also meet this requirement but have Math 12 as a prerequisite.

**New:** Prerequisites for MATH 141.

**AVIATION DIPLOMAS (ONE YEAR AND TWO YEARS)**

**Old:** C+ or better in Principles of Math 11.

**New:** Prerequisites for MATH 140 (one of the following: C+ or better in one of Foundations of Mathematics 11 or Pre-calculus 11; or C or better in one of Principles of Math 11 or MATH 085; or one of Foundations of Mathematics 12 or Pre-calculus 12).