SCHOOL OF GRADUATE STUDIES

REPORT TO ACADEMIC COUNCIL, JANUARY 30, 2007

1. **Review of Status of New Graduate Programs**

   Planned for 2007/2008

2. ***MSc in Applied Mathematics***

   Motion:

   To approve the submission of the proposal for an ***MSc in Applied Mathematics*** to the Ontario Council on Graduate Studies for Standard Appraisal.

3. ***MA/PhD in Psychology***

   Motion:

   To approve the submission of the proposal for a ***MA/PhD in Psychology*** to the Ontario Council on Graduate Studies for Standard Appraisal.

4. New Field in an Existing Program (for information):

   MN Nursing – Field of Primary Health Care Nurse Practitioner

5. Course Description Changes (for information):

   a) *International Economics and Finance*
   b) *Early Childhood Studies*
   c) *Immigration and Settlement Studies*

6. Courses Additions/Deletions (for information):

   Early Childhood Studies
   Public Policy and Administration
   Mechanical Engineering

Submitted by:

_____

Maurice Yeates, Dean
Chair, School of Graduate Studies

Status of New Programs in Graduate Review Process (programs planned for September, 2007_1)						
Approval or Action by	**Responsibility**	**PhD Aerospace Engininering**	**MSW Social Work**	**MFA Doc Media**	**MJ Journalism**	**MArch Architecture**
Ryerson Review						
Dean - SGS	Letter of Intent (LoI) – including initial analysis of financial viability	X	X	X	X	X
SGS Program & Planning Comm	Reviews LOI to determine if program appears feasible.	X	X	X	X	X
Provost	Decides to proceed based on responses to LoI. Instructs sponsors to prepare OCGS program proposal.	X	X	X	X	X
Internal/External Consultant	An expert in the field from another university reviews the proposal. Sponsors re-draft if necessary.	Bell, in	Nelson, in	Fletcher, in	Dornan, in	Covo, in
Provost	Discusses proposal with Dean, sponsor.	X	X	X	X	X
P&P	Reviews draft OCGS brief in light of I/E report – recommends to Council SGS based on academic quality	X	X	X	X	X
Council, SGS	Reviews proposal	X	X	X	X	X
Senate	Reviews program proposal for academic quality and moves to proceed to OCGS	X	X	X	X	X
Ontario Council on Graduate Studies Review						
Appraisal Committee	7 senior faculty from across Ontario + Exec. Dir read brief and comment to Ryerson. Univ can advertise program.	Campbell – Cornell Wetherhold SUNYB Dang—Syracuse Sept 28/29	Pennell -- NCS Lundy -- Carleton June 15/16	Nichols-SFS Sept 27/28 Rothman-Miami Sept7/8	McKercher-Carl.U Medsger – SFS Sept 25/26	Carter—Buffalo Fraker—Berkeley Sept 28/29
External Consultants	2 or 3 selected, visit Ryerson for a two day period. Prepare reports for submission to OCGS, which sends reports to Ryerson.	X	X	X	X	X
Ryerson	Responds to report(s)	X	X	X	X	X
Appraisal Committee	Reviews report and response and presents recommendation to OCGS (All graduate Deans in Ontario)	X	X	X	X	X
OCGS Executive Director	Informs Ryerson of decision, provides letter required by Ministry for funding claim. **OCGS meeting.**	X	X	X	X	X
Further Procedures						
Board of Governors	Program is presented to Board of Governors for approval of financial viability.					
Ministry	The Program is presented to the Ministry for approval					
Provost	Provost decides about implementation					

Status of New Programs in Graduate Review Process (programs planned for September, 2007_2)						
Approval or Action by	**Responsibility**	**MA in Media Production**	**MSc Computer Science**	**MHSc Nutrition Communication**		
Ryerson Review						
Dean - SGS	Letter of Intent (LoI) – including initial analysis of financial viability	X	X	X		
SGS Program & Planning Comm	Reviews LOI to determine if program appears feasible.	X	X	X		
Provost	Decides to proceed based on responses to LoI. Instructs sponsors to prepare OCGS program proposal.	X	X	X		
Internal/External Consultant	An expert in the field from another university reviews the proposal. Sponsors re-draft if necessary.	Feldman, in	Stacey, in	Levine, in		
Provost	Discusses proposal with Dean, sponsor.	X	X	X		
P&P of SGS	Reviews draft OCGS brief in light of I/E report – recommends to Council SGS based on academic quality	X	X	X		
Council, SGS	Reviews proposal	X	X	X		
Academic Council/Senate	Reviews program proposal for academic quality and moves to proceed to OCGS	X	X	X		
Ontario Council on Graduate Studies Review						
Appraisal Committee	7 senior faculty from across Ontario + Exec. Dir read brief and comment to Ryerson. Univ can advertise program.	Thompson-Syracuse De Kerckhove-UT Oct 16/17	Matwin--Ottawa Sandhu – GMU Nov 16/17	Goldberg, Tufts Rowen, GMU Jan 25/26		
External Consultants	2 or 3 selected, visit Ryerson for a two day period. Prepare reports for submission to OCGS, which sends reports to Ryerson.	X	X			
Ryerson	Responds to report(s)	X	X			
Appraisal Committee	Reviews report and response and presents recommendation to OCGS (All graduate Deans in Ontario)	Jan 22	X			
OCGS Executive Director	Informs Ryerson of decision, provides letter required by Ministry for funding claim. **OCGS meeting.**		X			
Further Procedures						
Board of Governors	Program is presented to Board of Governors for approval of financial viability.					
Ministry	The Program is presented to the Ministry for approval					
Provost	Provost decides about implementation					

Status of New Programs in Graduate Review Process (programs planned for September, 2008)						
Approval or Action by	**Responsibility**	**MSc Applied Mathematics**	**MBSc/MASc Building Sc.**	**PhD/MA Psychology**		
Ryerson Review						
Dean - SGS	Letter of Intent (LoI) – including initial analysis of financial viability	X	X	X		
SGS Program & Planning Comm	Reviews LOI to determine if program appears feasible.	X	Dec 11, YES	Dec 11, YES		
Provost	Decides to proceed based on responses to LoI. Instructs sponsors to prepare OCGS program proposal.	X	X	X		
Internal/External Consultant	An expert in the field from another university reviews the proposal. Sponsors re-draft if necessary.	Seco in		Evans, Guelph, in Hunsley, Ottawa		
Provost	Discusses proposal with Dean, sponsor.	X		X		
P&P of SGS	Reviews draft OCGS brief in light of I/E report – recommends to Council SGS based on academic quality	X		X		
Council, SGS	Reviews proposal	X		X		
Academic Council/Senate	Reviews program proposal for academic quality and moves to proceed to OCGS					
Ontario Council on Graduate Studies Review						
Appraisal Committee	7 senior faculty from across Ontario + Exec. Dir read brief and comment to Ryerson. Univ can advertise program.					
External Consultants	2 or 3 selected, visit Ryerson for a two day period. Prepare reports for submission to OCGS, which sends reports to Ryerson.					
Ryerson	Responds to report(s)					
Appraisal Committee	Reviews report and response and presents recommendation to OCGS (All graduate Deans in Ontario)					
OCGS Executive Director	Informs Ryerson of decision, provides letter required by Ministry for funding claim. **OCGS meeting.**					
Further Procedures						
Board of Governors	Program is presented to Board of Governors for approval of financial viability.					
Ministry	The Program is presented to the Ministry for approval					
Provost	Provost decides about implementation					

2. The School of Graduate Studies has reviewed the proposal for an ***MSc in Applied Mathematics*** listed below, and submits it to Academic Council for its approval for it to be sent to the Ontario Council on Graduate Studies for external review ('standard appraisal'). Vol. I of the brief ('The Program') is available for review in the office of the Secretary of Academic Council, and Volumes I & II ('The Program', and 'Curricula Vitae') are available for review in the office of the Dean of the School of Graduate Studies (EPH 439). Vol. I of the brief ('The Program') is also available for review at www.ryerson.ca/graduate/temp. Username: gradstudies Password: 4ryerson

It is planned that the *MSc in Applied Mathematics* will be implemented in either Fall 2007 or Fall 2008.

Motion

To approve the submission of the proposal for an ***MSc in Applied Mathematics*** to the Ontario Council on Graduate Studies for Standard Appraisal.

> **Note**: *Once a program is approved by OCGS, it is presented to the Board of Governors for approval.*

The Provost has final authority to determine whether a program may proceed.

RYERSON UNIVERSITY
MSc in Applied Mathematics

EXECUTIVE SUMMARY

The *Master of Science in Applied Mathematics* is a two-year, thesis-based full time program designed for students who have completed a four-year Bachelor of Science degree in mathematics or related fields requiring significant mathematical course work or mathematical maturity.

Our proposed program has two main goals. First, the program is intended to provide a technically-oriented and scientific post-graduate education to individuals who are motivated either to extend their mathematical knowledge and education or to acquire new technical/scientific skills in the mathematical sciences or related disciplines. Second, the program will provide students with adequate background to engage in doctoral studies in applied mathematics or to successfully embark upon a career in industry that demands a high level of quantitative/analytical background and skills. Our program emphasis technology through computer based skills along with communications skills. Reports and studies carried out by professional organizations have shown that there is an increasing need in the work force for mathematics. Graduates of our program will satisfy a current and growing demand for mathematically trained individuals who are able to move into business and industry.

The proposed program reflects Ryerson's mandate in its desire to expand and design innovative and professionally relevant graduate programs which integrate both theory and applications. In fact, as stated in Learning Together (2003 issue), one of the university's primary goals is to ``extend our distinctive brand of education further into the arena of graduate programming''. The proposed program also conforms to Ryerson's mandate of providing programs that prepare students for careers in professional fields and advancing applied knowledge and research to address societal need. The applied nature of Ryerson is an ideal setting for a program in applied and computational mathematics. In addition, a graduate program will result in more research output by faculty members in the math department through collaborative work between faculty members and graduate students. This, in turn, increases our potential for greater research funding

from external sources such as NSERC. As the mathematics department has been an integral component of the FEAS, it is reasonable to assert that the strength and quality of the math department has a direct influence on the quality of instruction students enrolled in the allied programs receive. This, then contributes to the quality of our graduates and, hence, the overall reputation of Ryerson as a University.

Having graduate students in mathematics will indirectly improve the quality of instruction at the undergraduate level. Competent math teaching assistants provide, via labs and tutorial sessions, an invaluable support for students taking lower-division math courses. This enhances the quality of the overall learning experience and increases the retention rate among students enrolled in engineering/applied sciences programs.

As part of the program, students will be required to complete five courses and to participate regularly in a graduate seminar series throughout the latter part (Semester 4-Semester 6) of their studies. To ensure that students will receive a well-balanced introduction to applied mathematics, the five courses are to be chosen from among those belonging to the following groups:

(1) Foundation courses
(2) Core courses
(3) Elective courses

However, being thesis-based, our program of study will be research-oriented. Students will be assigned a thesis advisor who will assist them in the preparation of an acceptable thesis.

In addition to mathematics, students will also learn about fields outside of mathematics such as computer science and engineering, and how to apply mathematical analysis to problems arising in these areas. Students in the program will develop strong analytical and problem-solving skills built upon a background of computing, mathematics, and basic sciences. We have planned and designed course assignments whose solutions depend on the writing of computer programs, an important job oriented skill. It is our expectation that many of the theses written by our students will have a large component of computer programming encoding non trivial mathematical content. Through carefully designed projects and in-class presentations or seminars, our program will emphasize written and oral skills along with teamwork. These are skills which are valued highly in industry, but are not part of most traditional mathematics programs. Occasionally, students may be asked to prepare lecture notes and ``teach" certain topics directly from the course syllabus to other students in classes. This develops both written and oral communication skills and ability to present complex ideas in an intelligible fashion. These are precisely the skills necessary for graduates to work effectively in industry with less mathematically inclined co-workers.

Currently, the Mathematics Department consists of 15 tenured/tenure-track faculty members most of them with active research/scholarly programs. Members of the department have research specialties in diverse areas of pure and applied mathematics such as combinatorics, logic, algebra, computer security, cryptography, ergodic theory, functional analysis, differential equations, partial differential equations and applications to physical sciences, mathematical signal processing and its software implementation, mathematical finance, stochastic calculus, time series techniques and foundations of quantum mechanics. Over the past seven years, the Mathematics Department has collectively (i) collaborated in research with some 50 mathematicians at other institutions (ii) published more than 100 research papers in high quality peer-reviewed journals and 3 advanced undergraduate/beginning graduate text books. Several of our members are

experienced in directing graduate students and we believe many of our research topics are suitable for the students being targeted by our proposed M.Sc.

Given our department's SRC record together with Ryerson's commitment to develop and maintain quality graduate programs, we are very confident that the proposed program will be successful in achieving its goals and objectives.

3. The School of Graduate Studies has reviewed the proposal for an ***MA/PhD in Psychology*** listed below, and submits it to Academic Council for its approval for it to be sent to the Ontario Council on Graduate Studies for external review ('standard appraisal'). Vol. I of the brief ('The Program') is available for review in the office of the Secretary of Academic Council, and Volumes I & II ('The Program', and 'Curricula Vitae') are available for review in the office of the Dean of the School of Graduate Studies (EPH 439). Vol. I of the brief ('The Program') is also available for review at www.ryerson.ca/graduate/temp. Username: gradstudies Password: 4ryerson

   It is planned that the *MA/PhD in Psychology* will be implemented in either Fall 2007 or Fall 2008.

   Motion

   To approve the submission of the proposal for an ***MA/PhD in Psychology*** to the Ontario Council on Graduate Studies for Standard Appraisal.

   Note: *Once a program is approved by OCGS, it is presented to the Board of Governors for approval.*

   The Provost has final authority to determine whether a program may proceed.

RYERSON UNIVERSITY
MA/PhD in Psychology

EXECUTIVE SUMMARY

The discipline of Psychology examines the biological, developmental, cognitive, and social forces that underlie individual thought, motivation, emotion, and action. Typically, graduate training in psychology is offered in two main fields—Clinical Psychology and Experimental Psychology (or Psychological Science). Clinical psychologists are registered healthcare professionals with expertise in the methods of clinical research as well as the application of psychological principles to the assessment and treatment of psychological disorders. Experimental psychologists study human behavior more broadly, and have an interest in both normal and abnormal psychological processes. They are trained primarily as researchers and teachers, and are typically employed in a wide variety of settings. The proposed M.A. and Ph.D. degrees emphasize the two core fields of Clinical Psychology and Psychological Science. Each possesses innovative features that set them apart from other training programs in Psychology while retaining core features of the highest-quality experimental and clinical training meeting the accreditation requirements of the Canadian and American Psychological Associations (CPA and APA).

Undergraduate enrollments have been growing steadily and will continue to grow considerably over the next 15 years, particularly in the Greater Toronto Area (GTA). With psychology as one of the most popular undergraduate majors in North America, we can be confident that there will be a growing demand for graduate training in psychology in the coming years. In addition, relative to other large cities, Toronto has a shortage of graduate psychology training

opportunities, particularly in the clinical area. In fact, York University is the only university within an hour of Toronto to offer training in clinical psychology (the University of Toronto and McMaster University are the only universities in Ontario that have graduate programs in psychology without accredited clinical training programs). The proposed curriculum would make Ryerson the sole university in downtown Toronto to offer such training. Located within minutes of all the downtown teaching hospitals, as well as numerous other agencies and research institutes, students in the proposed program will have a wide range of options for their practical placements.

This mission of the program is firmly rooted in Ryerson's 1948 vision: to provide education relevant to the needs of Canadian society; and to offer the highest quality education with the goal to prepare students for the widest scope of opportunities for their professional lives and leadership roles in the public and private sectors. The general mission of the Master's and Ph.D. is to provide high quality science and science-practitioner education that is CPA/APA accredited and professionally relevant. Already, there is considerable interest in the community over the possibility of a graduate program in psychology at Ryerson. For example, 26 individuals and agencies in the GTA have expressed formal interest in developing partnerships with our program, and we recently received over 160 applications for advertised faculty positions from applicants who are excited about the prospect of a new psychology graduate program at Ryerson.

The decision to simultaneously propose both the M.A. and Ph.D. involved careful review and consultation and was determined by the following critical points of consideration: in psychology the doctorate is the commonly sought degree of practice (in Ontario, all psychologists have a doctorate); every major university in Ontario that offers graduate training in psychology offers a Ph.D.; and attracting and retaining top experimental and clinical faculty today is intimately linked to being able to offer graduate training at the highest level. Thus, this graduate proposal represents an important and prestigious accreditation-based program to add to Ryerson's growing complement of high-quality graduate programming.

The Department of psychology currently includes 16 full-time faculty who will be involved in graduate training, and we are in the process of hiring 4 additional faculty members. In addition too two LTF faculty, we have recently recruited a number of adjunct faculty who have a strong interest in contributing to our program. Research productivity among our core faculty has increased dramatically in recent years. During the years 2005 and 2006, faculty have received more than $1,300,000 in funded grants, and have almost $700,000 more in funds pending. In addition, given the quality of applicants who have shown a strong interest in coming to Ryerson we are confident that the amount of funding in the Department will more than double by next fall. Publication rates have also increased over the past few years. In the years 2005 and 2006, core faculty have published nine books, and more than 45 articles and chapters. They have also presented close to 30 papers at national and international conferences. If we include our adjunct faculty, the rates of funding and publications are higher. In short, the Psychology Department at Ryerson will provide a stimulating environment for our students.

Degree requirements in the proposed program are comparable to those in other graduate programs in psychology. The M.A. in the psychological science field will require 6 regular half-year courses, 2 practicum courses, and a masters thesis. The Ph.D. in psychological science will require an additional 4 regular half-year courses, 1 practicum course, and a Ph.D. thesis. Due to the requirements for accreditation by the Canadian Psychological Association, as well as registration with the College of Psychologists of Ontario, the clinical psychology degrees require a greater number of courses. The M. A. in clinical psychology has 10 required half-year courses, as well as 2 practica and a masters thesis. The Ph.D. in clinical psychology will require an additional 6 half-year courses, 1 practicum, a full year internship, and Ph.D. thesis. In addition to

outstanding training in research methods, all students in the graduate program will receive training in the application of knowledge to real-life problems and issues. An innovative feature of our program is the requirement for practical training in community settings in addition to classroom instruction and research training at the University.

In summary, the proposed graduate program in psychology meets a number of important societal needs, fulfils Ryerson's mission to offer relevant, career-focused education, and offers training that meets the core requirements for graduate education in psychology in the context of an innovative, applied orientation.

4. The School of Graduate Studies submits for information notice of a new field: ***MN Nursing – Field of Primary Health Care Nurse Practitioner.***

5. a) Course Description Change: *International Economics and Finance*

The *International Economics and Finance* graduate program has removed the oral examination requirement from the MRP. The new description will be as follows:

Master's Research Paper

The student is required to complete a research paper on a topic related to his/her field of specialization (international trade or international finance). The research topic is selected in consultation with the student's supervisor, where the student presents an outline of the research plan in writing, and the research is carried out under the direction of a faculty supervisor and monitored by a supervisory committee. On completion, the research results are submitted in research paper format to the supervisor and a second reader, who assesses and grades the research paper. Through the research paper, the student is expected to provide evidence of competence in carrying out research and a sound understanding of the material associated with the research.

b) Course Description Change: *Early Childhood Studies*

The *Early Childhood Studies* graduate program has changed the course description of the following course to be as follows:

CS8928 Transformative Literacy

Transformative approaches to early literacy build a foundation for positive academic outcomes by addressing the goals of bilingualism, biculturalism, and biliteracy. Transformative approaches Involve collaborations between educators and their students' families to write books intended to strengthen the students' cultural, ethnic, and linguistic identities. This course introduces examples of transformative literacy programs and evaluates the implications of employing these approaches in the education of young children whose families are either newcomers to Canada or members of language minorities. The course provides opportunities to collaborate in the implementation of small-scale transformative literacy initiatives.

c) Course Description Change: *Immigration and Settlement Studies*

The *Immigration and Settlement Studies* graduate program has changed the course description of the following course to be as follows:

IS8934 Multicultural Cities and Planning Policies

Recent immigration patterns have prompted the need to explore how local governments provide urban facilities, services and infrastructures. This course will prepare students on how modem cities of diverse cultures evolve and what policy approaches can sustain them. The course offers a balanced mix of theoretical explanations about the geographic, political and economic bases of multicultural cities and a critical review of current policies and planning practices. It compares cities around the world, yet the Greater Toronto Area remains the pivot.

6. Course Additions/Deletions/Changes:

Early Childhood Studies
Public Policy and Administration
Mechanical Engineering

GRADUATE COURSE CHANGE FORM - 1

APPROVALS AND SIGNATURES:

Program Director (following approval by Program Committee)
Name: Dr. Judith Bernhard

Signature: _____

Date: Nov 21, 2006

Chair, Department
Name: Dr. Rachel Langford

Signature: _____

Date: Jan 8, 2007

Dean, Teaching Faculty
Name Dr. Usha George

Signature: _____

Date: Jan 9, 2007

Dean, Graduate Studies (following approval by the SGS Programs and Planning Committee and SGS Council)

Programs and Planning Committee Approval Date:
Name Dr. Maurice Yeates

Signature: _____

Date: Jan 15, 2007

SGS Council Approval Date:
Name Dr. Maurice Yeates

Signature: _____

Date: Jan 18, 2007

Secretary of Academic Council
Name Dr. Diane Schulman
Signature: _____

Date: _____

ADDITIONAL COMMENTS: If the course change form does not accommodate all the necessary information, explanation, or background pertaining to the proposed change(s), please provide additional commentary here.

COURSE CHANGE FORM – 2

Graduate Program: Early Childhood Studies
Initiating School/Department: Graduate Studies

Approval of VP Academic: _____

Dr. Errol Aspevig

Course Number	**Course Title**	**Mark with "X"**			**Required Elective?**	**Credits**	**Programs Affected**	***Implement Date***	***Purpose of Change***
		Amended	**Deleted**	**Added**	**Y/N**				
CS8936	Children's Rights			X	N	1	EK001 & EK002	SS2007	To add more electives
CS8935	Human Service Program Evaluation			X	N	1	EK001 & EK002	SS2007	To add more electives

GRADUATE COURSE CHANGE FORM - 1

APPROVALS AND SIGNATURES:

Program Director (following approval by Program Committee)
Name: Dr.Greg Kawall

Signature: _____

Date: December 8, 2006

Chair, Department
Name: Dr. Liping Fang

Signature: _____

Date: December 8, 2006

Dean, Teaching Faculty
Name Dr. Stalin Boctor

Signature: _____

Date: December 8, 2006

Dean, Graduate Studies (following approval by the SGS Programs and Planning Committee and SGS Council)

Programs and Planning Committee Approval Date:
Name Dr. Maurice Yeates

Signature: _____

Date: January 15, 2007

SGS Council Approval Date:
Name Dr. Maurice Yeates

Signature: _____

Date: January 18, 2007

Secretary of Academic Council
Name Dr. Diane Schulman
Signature: _____

Date: _____

COURSE CHANGE FORM – 2 School of Graduate Studies

Graduate Program: Mechanical Engineering
Initiating School/Department: Graduate Studies

Approval of VP Academic: _____

Dr. Errol Aspevig

Course Number	Course Title	Mark with "X"			Required Elective?	Credits	Programs Affected	Implement Date	Purpose of Change
		Amended	Deleted	Added	Y/N				
ME8108	Aircraft Turbine Engines		X				MM001 MM003 MM004 MP001	Sept, 2007	With the introduction of the Aerospace Engineering Graduate Program (AEGP), these courses are no longer relevant to the Mechanical Engineering Graduate Program (MEGP). Aerodynamics is no longer a field in MEGP.
ME8116	Flight Dynamics & Aircraft Control		X						
ME8121	High Speed Dynamics		X						
ME8129	Rocket Propulsion		X						
ME8133	Space Mechanics		X						

GRADUATE COURSE CHANGE FORM - 1

APPROVALS AND SIGNATURES:

Program Director (following approval by Program Committee)
Name: Dr. John Shields & Dr. Janet Lum

Signature: _____

Date: November 21, 2006

Chair, Department
Name: Dr. Neil Thomlinson

Signature: _____

Date: November 22, 2006

Dean, Teaching Faculty
Name Dr. Carla Cassidy

Signature: _____

Date: November 23, 2006

Dean, Graduate Studies (following approval by the SGS Programs and Planning Committee and SGS Council)

Programs and Planning Committee Approval Date:
Name Dr. Maurice Yeates

Signature: _____

Date: January 15, 2007

SGS Council Approval Date:
Name Dr. Maurice Yeates

Signature: _____

Date: January 18, 2007

Secretary of Academic Council
Name Dr. Diane Schulman
Signature: _____

Date: _____

COURSE CHANGE FORM – 2 School of Graduate Studies

Graduate Program: Public Policy and Administration
Initiating School/Department: Graduate Studies

Approval of VP Academic: _____

Dr. Errol Aspevig

Course Number	Course Title	Mark with "X"			Required Elective?	Credits	Programs Affected	Implement Date	Purpose of Change
		Amended	Deleted	Added	Y/N				
PA8213	Field Placement			X	N	1	PU001, PU002	SS2007	To offer a greater variety of learning opportunities to students.