

EDUCATION COUNCIL

MOTIONS September 2004 – August 2005

Article 4.2.1(i) of the Bylaws)

Meeting of September 17, 2004

That a permanent seat on Education Council be granted to a representative of First Nations Council.

On behalf of the Articulation Committee, I recommend approval of the name change of CPTE 132-3 to Introduction to Computer Programming, prerequisites CPSC 111 or BCPT 150 or CPTE 100 or CPST 040, effective August 31, 2004.

Meeting of October 15, 2004

On behalf of the Articulation Committee, I recommend approval of GEOG 224-3, World Regional Geography, prerequisites 15 credits in University Credit, effective October 2004.

That Education Council appoints Doug Foster and Sandi Lavallie as the Education Council representatives on Academic Appeals Committee with Ken Downs and Mona Izumi as alternates.

That off-site Education Council participants using teleconferencing equipment be allowed to vote first.

That Education Council receive the Annual Summary of Motions.

That Education Council supports the Human Rights Committee 5 Year Plan Vision and requests Clusters and service areas to make Human Rights a regular agenda item during their meetings and that they report back to Education Council.

Meeting of November 19, 2004

That the Chair of Education Council send a directive on behalf of Education Council to cluster chairs to take an inventory of course outlines and a complete set of electronic course outlines for each program area to be sent to the Registrars office (dnash@nwcc.bc.ca) for posting on the website.

On behalf of the Articulation and Curriculum Committee, I recommend acceptance of MATH 046-3, Advanced Business/Technical Math, prerequisites MATH 0302, co-requisites BTEC 101, On-Line Learner Success (if taken on-line), effective January 2005.

On behalf of the Articulation and Curriculum Committee, I recommend acceptance of MATH 053-3, Provincial Level Calculus, prerequisites MATH 0501/0502 or Principles of Math 12, effective January 2005.

On behalf of the Articulation and Curriculum Committee, I recommend acceptance of BTEC 231-1, Introduction to the Canadian Legal System, prerequisites keyboarding speed of 45 wpm, BTEC 101, BTEC 121, BTEC 131, BTEC 236 and BTEC 151, effective January 2005.

On behalf of the Articulation and Curriculum Committee, I recommend acceptance of BTEC 234-1.5, Legal Office Procedures, and prerequisites keyboarding speed of 45 wpm, BTEC 101, BTEC 121, BTEC 131, BTEC 236 and BTEC 151, effective January 2005.

On behalf of the Articulation and Curriculum Committee, I recommend acceptance BTEC 237-2, Litigation Procedures I, prerequisites keyboarding speed of 45 wpm, BTEC 101, BTEC 121, BTEC 131, BTEC 236 and BTEC 151, co-requisites BTEC 231, BTEC 234, effective January 2005.

On behalf of the Articulation and Curriculum Committee, I recommend acceptance of BTEC 239-2, Litigation Procedures II, and prerequisites BTEC 237, effective January 2005.

On behalf of the Articulation and Curriculum Committee, I recommend acceptance of BTEC 241-2, Family Litigation Procedures, prerequisites none, co-requisites BTEC 239, effective January 2005.

That Education Council adopt Fair Trade Coffee for all future Education Council meetings.

That Education Council adopt the Human Rights 5-year Plan.

That Education Council accept the report presented by the CCP Cluster on computers in the classroom.

That Education Council recommends the reinstatement of computers in the CCP classrooms that are in working order.

That Education Council give the Course and Program Articulation Committee authorization to approve program / course changes that may arise in December and forward all approvals to the January meeting of Education Council.

Meeting of January 21, 2005

On behalf of the Articulation and Curriculum Committee, I recommend acceptance of ANTH 240-3, Introduction to Archaeology, prerequisites ANTH 101 and ANTH 102, effective January 1, 2005.

On behalf of the Articulation and Curriculum Committee, I recommend acceptance of ANTH 245-6, Archaeological Field Studies, prerequisites ANTH 101 and ANTH 102, co-requisite ANTH 240, effective January 1, 2005.

On behalf of the Articulation and Curriculum Committee, I recommend acceptance of SOSC 055-3, Social Psychology, prerequisites ENGL 040 or 045, co-requisite BTEC 101, effective January 1, 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of TOUR 201-3, Cross Cultural Behaviour in Tourism, prerequisites ENGL 12 or ENGL 050 and MARK 150, effective September 1, 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of TOUR 202-3, Ecotourism, prerequisites ENGL 12 or ENGL 055, MARK 150 and MGMT 150, effective September 1, 2005.

That instructors have course text or readings prepared ahead of time.

Meeting of February 18, 2005

On behalf of the Articulation and Curriculum Committee, I recommend approval the prerequisite changes, effective September 2006, for:

Changes, or		
_		ENGL 12, or ENGL 045, 050 or 055, or ENGL 106 (OLA) or satisfactory performance on
ECE 125-3	Practicum I	the ECE English Placement test, two current solutions of satisfactory work or volunteer volunteer experience resume; minimum 45 hours of satisfactory work or volunteer volunteer experience in the ECE field; and a minimum GPA of 2.00 or higher in all previously experience in the ECE field; and a minimum GPA of 2.00 or higher in all previously experience ECE courses.
ECE 126-3	Practicum II	the ECE English Placement test, two darks of satisfactory work or volunteer volunteer experience resume; minimum 45 hours of satisfactory work or volunteer volunteer experience in the ECE field; and a minimum GPA of 2.00 or higher in all previously experience in the ECE field; and a minimum GPA of 2.00 or higher in all previously completed ECE courses and ECE 125.
ECE 127-3	Practicum III	ENGL 12, or ENGL 045, 050 or 055, or ENGL 106 (OLA) or satisfactory work or the ECE English Placement test; two current letters of reference; satisfactory work or volunteer volunteer experience resume; minimum 45 hours of satisfactory work or volunteer experience in the ECE field; and a minimum GPA of 2.00 or higher in all previously completed ECE courses and ECE 126.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the prerequisite change for IHS 298-3, Social Service Worker Practicum II, to IHS 290, IHS 213, ENGL 151, IHS 195, IHS 196, SOCI 205, SOCI 206, PSYC 201 and PSYC 202, effective May 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the prerequisite change for IHS 195-3, Introduction to Social Services to ENGL 101 or ENGL 151, PSYC 101, PSYC 102, SOCI 101, SOCI 102, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the Entrepreneurial Tourism Management Certificate program consisting of the following courses, effective September 2005:

	Business Computers
BCPT 150-3	Business Communications
BENG 150-3	Introduction to Marketing
MARK 150-3	Tourism Marketing
MARK 252-3	Introduction to Management
MGMT 150-3	Entrepreneurship
MGMT 201-3	Introduction to Tourism
TOUD 404 3	Introduction to Tourism
Three electives from the following list, of which two	
electives must be TOUR courses:	Financial Accounting I
ACCT 150-3	Business Law
BLAW 152-3	Hotel, Motel, Resort Management
TOUR 102-3	Tourism Events and Festivals
TOUR 103-3	Tourism Events and Festivals
TOUR 201-3	Cross Cultural Behaviour in Tourism
	Ecotourism
TOUR 202-3	

On behalf of the Articulation and Curriculum Committee, I recommend the adoption of ENGL 055 as a prerequisite in the Business Administration Program, Entrepreneurial Tourism Management Program and the First Nations Public Administration Program, effective September 2005.

Certificate First Nations Public Administration Certificate Entrepreneurial Tourism	NEW PREREGUISITES ENGL 12, ENGL 050 or ENGL 055, and Principles of Math 11, Applications of Math 12 or MATH 0401/0402 ENGL 12, ENGL 050 or ENGL 055 and the applicants to the program must provide a letter from a First Nations Organization granting them permission to use the organization for case studies, applied research, etc. ENGL 12, ENGL 050 or ENGL 055, and Principles of Math 11, Applications of Math
Management Certificate	12 or MATH 0401/0402

On behalf of the Articulation and Curriculum Committee, I recommend approval of ENGL 055 as a prerequisite for the following courses, effective September 2005:

	NEW PREREQUISITES
: LA counting	NEW PREREGOIST CO ENGL 12, ENGL 050 or ENGL 055, Math 11 or AM 12, PM 11
Financial Accounting	or MATH 0401/0402 ENGL 12, ENGL 050 or ENGL 055, Math 11 or AM 12, PM 11
Openiutors	ENGL 12, ENGL 050 or ENGL 055, Watth 11 of 7th 12,
Business Computers	NAATH 0401/0402
2injections	ENLG 12, ENGL 050 or ENGL 055 ENLG 12, ENGL 050 or ENGL 055
Business Communications	FNGL 12, ENGL 050 or ENGL 055, Wath 11 or 7 th
Business Law	or MATH 0401/0402
	or MATH 0401/0402 ENGL 12, ENGL 050 or ENGL 055, Math 11 or AM 12, PM 11
Micro Economics	or MATH 0401/0402
	or MATH 0401/0402 ENGL 12, ENGL 050 or ENGL 055, Math 11 or AM 12, PM 11
Macro Economics	or MATH 0401/0402
First Nations and Canadian	ENGL 12, ENGL 050 or ENGL 055, and the applicants to program must provide a letter from a First Nations organization program must provide a letter from a First Nations organization for case
Government	program must provide a letter from a mist matter. granting them permission to use the organization for case
	studies, applied research, etc.
	studies, applied research, etc. ENGL 12, ENGL 050 or ENGL 055, and the applicants to the
Leadership and Strategic	ENGL 12, ENGL 050 or ENGL 055, and the approach program must provide a letter from a First Nations organization program must provide a letter from a First Nations organization for case
Management	program must provide a letter from a 1 list reaction of granting them permission to use the organization for case granting them permission to use the organization for case
Managemen	granting them permission to use and
	studies, applied research, etc. ENGL 12, ENGL 050 or ENGL 055, and the applicants to the
Aboriginal and Commercial Law	ENGL 12, ENGL 050 or ENGL 055, and the approximation program must provide a letter from a First Nations organization for case
Apoliginal and Same	program must provide a letter from a historication for case granting them permission to use the organization for case
	granting them permission to use the organic
	studies, applied research, etc. studies, applied research, etc. ENGL 12, ENGL 050 or ENGL 055, and the applicants to the
External and Internal	ENGL 12, ENGL 050 or ENGL 055, and the approximation program must provide a letter from a First Nations organization for case
Communications	program must provide a letter from a rife relation for case granting them permission to use the organization for case
Communications	granting them permission to use the organization
	studies, applied research, etc.
L. L. Justian to Marketing	studies, applied research, etc. ENGL 12, ENGL 050 or ENGL 055, Math 11 or AM 12, PM 11
Introduction to Markoung	or MATH 0401/0402
Mathematics of Finance	or MATH 0401/0402 ENGL 12, ENGL 050 or ENGL 055, Math 11 or AM 12, PM 11
Mathematics of Finance	or MATH 0401/0402
La tier to Monagement	or MATH 0401/0402 ENGL 12, ENGL 050 or ENGL 055, Math 11 or AM 12, PM 11
Introduction to Management	or MATH 0401/0402
- Landa Tourism	ENGL 12 ENGL 050 or ENGL 055
111000000000000000000000000000000000000	ENGL 12 ENGL 050 or ENGL 055
Touriem EVANTS and Festivals	
Cross Cultural Benaviour in Tourism	ENGL 12, ENGL 050 of ENGL 055 and MSMT ENGL 12, ENGL 050 or ENGL 055, MARK 150 and MGMT
Ecotourism	150
	Business Computers Business Communications Business Law Micro Economics Macro Economics First Nations and Canadian

On behalf of the Articulation and Curriculum Committee, I recommend approval of the change to the Business Administration second year core courses to consist of: MGMT 251-3, BFIN 250-3, ACCT 252-3, and BSIM 250 or BPOL 250, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of BIOL 235-3, Ichthyology, and prerequisites BIOL 101/102, effective February 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of BIOL 270-3, Coastal Zone Conservation Biology, prerequisites BIOL 101/102, effective February 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the change in prerequisites for BIOL 205-3, Cell Structure and Function, to BIOL 101/102 and CHEM 101/101 or CHEM 121/122, effective February 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the change in prerequisites for BIOL 206-3, Cell Biochemistry, to BIOL 205-3, co-requisites CHEM 230/231, effective February 2005.

On behalf of the Articulation and Curriculum Committee, I recommend acceptance of dropping the condition "Students may not receive credit for this course if they are enrolled in any other university level mathematics course" and replacing with "Students May not take this course for Science credit" for MATH 190-3, Mathematics for Elementary Teachers, effective September 2005.

Meeting of March 18, 2005

That Education Council recommends that the college explore the feasibility of providing a student identification card to full and part time students.

On behalf of the Articulation and Curriculum Committee, I recommend approval of TOUR 104-3, Cultural and Heritage Tourism Management, prerequisites ENGL 050, 055 or ENGL 12, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of TOUR 104-3, Cultural and Heritage Tourism Management as an elective in the Entrepreneurial Tourism Management Certificate program, effective September 2005.

	Business Computers
BCPT 150-3	Rusiness Communications
BENG 150-3	Introduction to Marketing
MARK 150-3	Tourism Marketing
MARK 252-3	Introduction to Management
MGMT 150-3	Entrepreneurship
MGMT 201-3	Introduction to Tourism
TOUR 101-3	
Three electives from the following list, of which two	
electives must be TOUR courses.	Financial Accounting I
ACCT 150-3	Business Law
BLAW 152-3	Hotel Motel Resort Management
TOUR 102-3	Trumiam Events and Festivals
TOUR 103-3	Cultural and Heritage Tourism Management
TOUR 104-3	Cross Cultural Behaviour in Tourism
TOUR 201-3	Ecotourism
TOUR 202-3	Ecotodism

On behalf of the Articulation and Curriculum Committee, I recommend acceptance of GEOG 222-3, Economic Geography, prerequisites none, effective March 2005.

On behalf of the Articulation and Curriculum Committee, I recommend acceptance of the updated course FREN 101-3, Introduction to French I, prerequisites none, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend acceptance of the updated course FREN 102-3, Introduction to French II, prerequisite FREN 101, effective September 2005. On behalf of the Articulation and Curriculum Committee, I recommend approval of the assigning of credits to all CCP courses, as noted in the following table, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the assigning of credits to all CCP courses, as noted in the following table, effective September 2005.

Credit breakdown per hours:

,anao ,,, ,			CREDITS
HOURS	CREDITS	HOURS	3.5
1 – 10	.5	61 – 70	4
11 – 20	1	71 – 80	4.5
21 – 30	1.5	81 – 90	5
31 – 40	2	91 – 100	5.5
41 – 50	2.5	101 – 110	6
51 – 60	3	111 – 120+	

COURSE	CREDITS	1	NAME
BIOL 040	6	120 or greater	Advanced Ecological Biology
BIOL 050	6	120 or greater	Provincial Human Biology
BIOL 0501	3	Modularized	Provincial Human Biology: The Nature of Life
BIOL 0502	3	Modularized	Provincial Human Biology: The Human Body
CHEM 040	6	120 or greater	Advanced Chemistry
CHEM 0401	3	Modularized	Advanced Chemistry
CHEM 0402	3	Modularized	Advanced Chemistry
CHEM 050	6	120 or greater	Provincial Chemistry
CPST 020	4	75	Fundamental Computer Studies
CPST 030	4	75	Intermediate Computer Studies
CPST 040	4.5	90	Advanced Computer Studies
CPST 040	4.5	90	Provincial Computer Studies
EDCP 020	4	75	Fundamental Education and Career Planning
EDCP 030	4	75	Intermediate Education and Career Planning
ENGL 010	6	120 or greate	r Fundamental English
	6	120 or greate	r Fundamental English
ENGL 020	6	120 or greate	
ENGL 030	6	120 or greate	
ENGL 040	6	120 or greate	er Advanced English for Careers
ENGL 045	6	120 or greate	
ENGL 050	6	120 or great	and the second s
ENGL 055	6	120 or great	Chudios
FNST 050	6	120 or great	1
GEOG 050	6	120 or great	
HIST 050	6	120 or great	
MATH 091		Modularized	
MATH 0201		Modularize	(-1 \ 4 - 4 b
MATH 0202		Modularize	
MATH 030		Modularize	
MATH 030		Modularize	
MATH 040		Modularize	
MATH 040		120 or gre	
MATH 045	6	120 or gro	

MATH 046	6	120 or greater	Advanced Business/Technical Math
MATH 0501	3	Modularized	Provincial Math
MATH 0502	3	Modularized	Provincial Math
	6	120 or greater	Provincial Level Calculus
MATH 053	6	120 or greater	Advanced Physics
PHYS 040	6	120 or greater	Provincial Physics
PHYS 050	6	120 or greater	Intermediate Science
SCIE 030	6	120 or greater	Intermediate Social Sciences
SOSC 040	6	120 or greater	, a . i l Osismono
SOSC 040	6	On Line	Provincial Social Psychology
SOSC 055			

On behalf of the Articulation and Curriculum Committee, I recommend acceptance of the addition of ENGL 055 as a prerequisite for the following:

ECE Program Admission Requirement: English 12, or ENGL 050, 045, or 055, or English 106 (Open College) or satisfactory performance on the Canadian Achievement Test 3.

ECE 104-3	Health, Safety and Nutrition Interpersonal Communication	ENGL 12, or ENGL 045, 050 or 055, ENGL 106 (OLA) or satisfactory performance on the Canadian Achievement Test 3. ENGL 12, or ENGL 045, 050 or 055, ENGL 106 (OLA) or satisfactory
ECE 124-3		performance on the Canadian Achievement 163 (o. A.) or satisfactory
ECE 125-3	Practicum I	performance on the Canadian Achievement Test 3. (Effective September 2006, a minimum GPA or 2.00 or higher in all previously completed ECE courses will be required) ENGL 12, or ENGL 045, 050 or 055, ENGL 106 (OLA) or satisfactory
ECE 141-3	Environments I	performance on the Canadian Achievement Test 3. ENGL 12, or ENGL 045, 050 or 055, ENGL 106 (OLA) or satisfactory
ECE 162-3	Curriculum I	performance on the Canadian Achievement 19310.
ECE 163-3	Curriculum II	performance on the Canadian Achievement 1931 of State of
ECE 164-3	Curriculum II	performance on the Canadian Achievement Test of the Canadian Achie
ECE 165-3	Child Development I	performance on the Canadian Achievement 1980.
ECE 167-3	Guiding Young Children	performance on the Canadian Achievement Test of the Canadian Achie
ECE 168-3	Professional Development I	performance on the Canadian Achievement Test 3. ENGL 12, or ENGL 045, 050 or 055, ENGL 106 (OLA) or satisfactory
ECE 169-3	Working With Families I	performance on the Canadian Achievement Test 3.

That Education Council recommends to the Acting Registrar that current and historic course outlines be posted on the website.

Meeting of April 15, 2005

I hereby nominate Ken Downs for Chair of Education Council.

I hereby nominate John Shepherd for Chair of Education Council.

It was agreed that Bev Kealty destroy the ballots.

I hereby nominate John Shepherd as Vice-Chair of Education Council.

I hereby nominate Phil Bialobzyski as Vice-Chair of Education Council.

On behalf of the Articulation and Curriculum Committee, I recommend approval of FILM 102-3, Modern American Cinema, prerequisites none, effective date of September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the name change of ART 151-3, Introduction of Art History, to History of World Art from Beginnings to 1400, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the name change of ART 152-3, Introductory Art History, to History of World Art Since 1400, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the name change of ANTH 203-3, First Nations of the Northwest Coast I, to Northern Nations of the Northwest Coast, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the name change of ANTH 204-3, First Nations of the Northwest Coast II, to Central and Southern Nations of the Northwest Coast, effective September 2005.

To accept the dates presented with the amended December meeting date to December 9, 2005.

August 26, 2005 September 16, 2005 October 21, 2005 November 18, 2005 December 9, 2005

January 20, 2006 February 17, 2006 March 17, 2006 April 21, 2006 May 19, 2006 June 16, 2006

Meeting of May 16, 2005

Education Council requests that management representatives replacing Beth Davies continue to submit detailed reports to Council.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the removal of the prerequisite OLA ENGL 106 from the following:

file biolodais		
		New Prerequisites
Course #	Course	THE 40 or FNGL 045, 050 or 055, or satisfactory
ECE 104-3	Health, Safety and Nutrition	formance on the Canadian Achievement Tool of
ECE 124-3	Interpersonal Communication	ENGL 12, or ENGL 045, 050 or 055, or satisfactory
ECE 125-3	Practicum I	ENGL 12, or ENGL 045, 050 or 055, or satisfactory
ECE 141-3	Environments I	ENGL 12, or ENGL 045, 050 or 055, or satisfactory

ECE 162-3 ECE 163-3	Curriculum I	performance on the Canadian Achievement Test 3. ENGL 12, or ENGL 045, 050 or 055, or satisfactory performance on the Canadian Achievement Test 3. ENGL 12, or ENGL 045, 050 or 055, or satisfactory performance on the Canadian Achievement Test 3.
ECE 164-3	Curriculum III	ENGL 12, or ENGL 045, 050 or 055, or satisfactory performance on the Canadian Achievement Test 3.
ECE 165-3 ECE 167-3	Child Development I Guiding Young Children	ENGL 12, or ENGL 045, 050 or 055, or satisfactory
ECE 168-3	Professional Development I	ENGL 12, or ENGL 045, 050 or 055, or satisfactory performance on the Canadian Achievement Test 3.
ECE 169-3	Working with Families I	ENGL 12, or ENGL 045, 050 or 055, or satisfactory performance on the Canadian Achievement Test 3.

Admission Requirements for the ECE Basic Program: English 12, or ENGL 045, 050, or 055, or satisfactory performance on the Canadian Achievement Test 3.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the name change of PSYC 233-3 from History of Psychology to Historical and Conceptual Foundations of Psychology, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the name change of POLI 101-3, Canadian Politics I to Introduction to Political Science, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the name change of POLI 102-3, Canadian Politics II to Canadian Politics and Government, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the prerequisite change for GEOG 222-3 from none to 15 first year credits, effective March 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of MATH 115-3, Precalculus, and prerequisites of Principles of Math 11 or MATH 0401/0402 with a minimum grade of B or Principles of Math 12 or MATH 0501, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of BTEC 288-1.5, Office Suite Projects, prerequisites BTEC 126, 236 and 273, effective February 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the prerequisite change for BTEC 285-1, from BTEC 115 to BTEC 111, effective May 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the Word Processing Certificate, effective February 2005, consisting of:

Office Assistant Certificate and completion of:

	Course	Cr	Hrs	Prerequisites
Course #		2	60	Business Math (BTEC 191) highly recommended
BTEC 221	Accounting I		50	BTEC 131
BTEC 236	Word Processing Level II	2		BTEC 126, 136, 236
BTEC 240	Word Processing Simulation	1.5	45	
	Business Communications	2	60	BTEC 151, 131
BTEC 251	Business Communicate	1.5	50	BTEC 121. Good business math skills recommended
BTEC 273	Electronic Spreadsheets	+ 1.0	35	BTEC 111
BTEC 285	Keyboarding Speed IV	 		DTEC 406 236 273
BTEC 288	Office Suite Projects	1.5	45	Office Assistant Certificate and completion of all other
	Field Work	3	60	Office Assistant Certificate and completion
BTEC 290	Liela Akour		1	courses in the specialty.
		14.5	405	
Totals		17.0	1.50	

On behalf of the Articulation and Curriculum Committee, I recommend approval of the following courses with the prerequisites:

Essentials of Math 10 or MATH 0301 and English 10, or ENGL 030 or GED or successful completion of the CAT III Assessment test.

	Course	Hours	Credits
Course #		150	10
ELTR 100	Electrical Fundamentals	150	10
ELTR 101	DC Circuit Analysis	105	7
ELTR 102	Electromagnetism and Applications	150	10
ELTR 103	Meters and Test Equipment I	105	7
ELTR 104	Prints and Drawings		7
ELTR 105	AC Motor Controls I	105	10
ELTR 106	Electrical Code and Wiring I	150	10
	Industrial Power Electronics I	105	/
ELTR 107	Illuusiilai i ottoi Eloottoiiis	1020	68
TOTALS			

On behalf of the Articulation and Curriculum Committee, I recommend approval of the following as the Electrical ELTT Program, effective May 2005:

Essentials of Math 10 or MATH 0301 and English 10, or ENGL 030 or GED or successful completion of the CAT III Assessment test.

	Course	Hours	Credits
Course #		150	10
ELTR 100	Electrical Fundamentals	150	10
ELTR 101	DC Circuit Analysis	105	7
ELTR 102	Electromagnetism and Applications		10
ELTR 103	Meters and Test Equipment I	150	10
	Prints and Drawings	105	
ELTR 104	AC Motor Controls I	105	7
ELTR 105	AC Motor Cond and Wiring I	150	10
ELTR 106	Electrical Code and Wiring I	105	7
ELTR 107	Industrial Power Electronics I	1020	68
TOTALS			

On behalf of the Articulation and Curriculum Committee, I recommend approval of the following courses, prerequisites; English 10 or ENGL 030 and Math 10 Essentials, Principles or Applications, or MATH 0301/0302 or GED or successful completion of the CAT III Assessment Test, effective September 2004.

	COURSE NAME	HOURS	CREDITS
COURSE #	COURSE INAIVE	30	2
MW 100	Introduction to Trade and Safe Work Practices	30	2
MW 101	Measurement and Layout	120	8
MW 102	Hand Tools and Shop Equipment	150	10
MW 103	Trade Math and Science	30	2
MW 104	Fasteners and Fittings	30	2
MW 105	Metallurgy	120	8
MW 106	Cut, Weld, Braze and Solder Metals	30	2
MW 107	Lubrication	120	8
MW 108	Support Machines	60	4
MW 109	Fluid Power	30	2
MW 110	Pneumatics	30	2
MW 111	Service Electrical and Electronic Systems	120	8
MW 112	Machine Components	120	8
MW 113	Machine Installation and Rigging	1020	68
Totals		1020	

On behalf of the Articulation and Curriculum Committee, I recommend approval of the Millwright Program consisting of the following courses, effective September 2004:

COURSE #	COURSE NAME	HOURS	CREDITS
MW 100	Introduction to Trade and Safe Work Practices	30	2
MW 101	Measurement and Layout	30	2
MW 102	Hand Tools and Shop Equipment	120	8
MW 103	Trade Math and Science	150	10
MW 103	Fasteners and Fittings	30	2
MW 104	Metallurgy	30	2
MW 105	Cut, Weld, Braze and Solder Metals	120	8
MW 107	Lubrication	30	2
MW 108	Support Machines	120	8
MW 109	Fluid Power	60	4
MW 110	Pneumatics	30	2
	Service Electrical and Electronic Systems	30	2
MW 111	Machine Components	120	8
MW 112	Machine Components Machine Installation and Rigging	120	8
MW 113	Wachine installation and Mgging	1020	68
Totals			1

On behalf of the Articulation and Curriculum Committee, I recommend approval of the deactivation of the following courses, effective May 2005:

BTEC 210	Dictatyping
BTEC 230	Web Page Publishing
BTEC 255	Communications III

as the courses are obsolete and are no longer being offered as part of the Word Processing Certificate

That the Process Operator courses and program be approved subject to clarification of the course and program prerequisites by the Trades Cluster, and that the effective date be May 2005.

Course #	Course	HR	CR	Prerequisites
POP 100	Process Operator Mathematics	75	5	Principles or Applications of Math 11 or MATH 0401/0402
POP 101	Process Operator Physics	75	5	Principles or Applications of Math 11 or MATH 0401/0402 and Science 11 or CHEM 040, CHEM 0401/0402 or PHYS 040
POP 102	Process Operator Chemistry	75	5	Science 11 or CHEM 040, CHEM 0401/0402 or PHYS 040
POP 103	Instrumentation & Process Control	60	4	POP 100, 101, 102 and First Aid Level I, WHMIS, TDG, H2S Alive
POP 104	Teamwork & Communication	60	4	English 12 or ENGL 045, 050 or 055
POP 105	Job Search & Computer Skills	60	4	English 12 or ENGL 045, 050 or 055
POP 106	Industrial Safety and Industrial Field Trips	60	4	First Aid Level I, WHMIS, TDG and H2S Alive
POP 107	Lab & Practical Industry Skills	60	4	First Aid Level I, WHMIS, TDG and H2S Alive
POP 107	Quality	60	4	POP 100, 103 and 106.
POP 109	Work Practicum #1	180	12	POP 100, 101, 102, 103, 104, 105, 106, 107 and 108.
POP 110	Work Practicum #2	120	8	Successful completion of all courses in the Process Operator Program
TOTALS		885	59	

Process Operator Program, consisting of the following courses, effective May 2005:

Prerequisites: English 12 or ENGL 045, 050 or 055 and Principles or Applications of Math 11 or MATH 0401/0402, Science 11 or CHEM 040, CHEM 0401/0402 or PHYS 040 or successful completion of the CAT III Assessment Test, First Aid Level I, WHMIS, TDG, and H2S Alive.

To be delivered prior to delivery of th	e Process Operator courses	120	6
To be delivered prior to demosy		120	6
Math 0401/0402	Provincial English	120	6
ENGL 050 or	Advanced English for Careers	120	6
ENGL 045	Advanced Chemistry		24
CHEM 040 or CHEM 0401/0402		480	
TOTALS			Prodite

TOTALS		Hours	Credits
Course #	Course	75	5
POP 100	Process Operator Mathematics	75	5
POP 101	Process Operator Physics	75	5
POP 102	Process Operator Chemistry	60	4
POP 103	Instrumentation & Process Control	60	4
POP 104	Teamwork & Communication	60	4
POP 105	Job Search & Computer Skills	60	4
POP 106	Industrial Safety and Industrial Field Trips	60	4
POP 107	Lab & Practical Industry Skills	60	4
POP 108	Quality	180	12
POP 109	Work Practicum #1	120	8
POP 110	Work Practicum #2	885	59
TOTALS			

Meeting of June 10, 2005

That Education Council approve the final copy of the Strategic Plan, subject to the following conditions:

- concerns about ethnocentric language and style, e.g. "we cherish"
- vision statement is not a vision statement, change "inspire" to 'excellence" and "strive" to "endeavor"
- language is non-committal.

On behalf of the Articulation and Curriculum Committee, I recommend approval the following changes:

BTEC 240

Prerequisites: BTEC 126, 236 and 273.

BTEC 236

Credits: 1.5

On behalf of the Articulation and Curriculum Committee, I recommend continued use of the NWCC Course Outline template, as it contains all information required for transfer credit.

That the Articulation and Curriculum Committee approves the change in the prefix of the Millwright Program courses from MW to the already established MILLW.

	THE NAME	HOURS	CREDITS
COURSE #	COURSE NAME	30	2
MILLW 100	Introduction to Trade and Safe Work Practices	30	2
MILLW 101	Measurement and Layout	120	8
MILLW 102	Hand Tools and Shop Equipment	150	10
MILLW 103	Trade Math and Science	30	2
MILLW 104	Fasteners and Fittings	30	2
MILLW 105	Metallurgy Louis Metals	120	8
MILLW 106	Cut, Weld, Braze and Solder Metals	30	2
MILLW 107	Lubrication	120	8
MILLW 108	Support Machines	60	4
MILLW 109	Fluid Power	30	2
MILLW 110	Pneumatics Systems	30	2
MILLW 111	Service Electrical and Electronic Systems	120	8
MILLW 112	Machine Components	120	8
MILLW 113	Machine Installation and Rigging	1020	68
Totals			

On behalf of the Articulation and Curriculum Committee, I recommend approval of the clarification of the prerequisites for the following University Credit courses that states "any 15 first year credits" to read "any 15 first year University Credit credits."

lead any ion		New Prerequisites
GEOG 225 GEOG 226	Course Name Economic Geography World Regional Geography Regional Geography of British Columbia Regional Geography of Canada Imperialism from the Mid-19th Century to the Present	15 first year University Credit credits 15 first year History (6 credits) or 15 first
HIST 201	Imperialism nom the time real say	year University Credit credits.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the prerequisite change of BIOL 215-3, Genetics, to CHEM 101/102 or 121/122 and BIOL 205, effective June 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the admission requirements for the Business Technology Program, "Math 10 Essentials or MATH 0301/0302 and English 10 or ENGL 030; or GED or satisfactory performance on the CAT III Assessment Test," effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of PHYS 135-3, Engineering Mechanics – Dynamics, prerequisites PHYS 121 and MATH 101, co-requisites PHYS 122 and MATH 102, effective June 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of MATH 235-3, Linear Algebra, prerequisites MATH 101, co-requisites MATH 102, effective June 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the name change of BIOL 131-3, to Human Anatomy & Physiology I, effective June 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the name change of BIOL 132-3, to Human Anatomy & Physiology II, effective June 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of ENGL 056-6, provincial Essential English, prerequisites ENGL 040 or ENGL 045, effective June 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the changes in the General Office Clerk Certificate, effective September 2004.

	Course	Prerequisites
Course #	Course	None
BTEC 010	Communications	None
BTEC 015	Office Procedures	None
BTEC 075	Interpersonal Skills	
BTEC 085	Alphabetic Filing	None
BTEC 095	Machine Operations	None
	Computer Literacy	None
BTEC 025	Introduction to Computer Software	None
BTEC 035		BTEC 111 or 30 nwpm
BTEC 055	Keyboarding	BTEC 111 or 30 hwpm Completion of General Office Clerk Certificate requirements
BTEC 090	Practicum (45 mm)	
BTEC 111	Keyboarding Speed I (15 nwpm)	BTEC 111 or 20 nwpm
BTEC 177	Job Search	DIEC III of 20 miles

On behalf of the Articulation and Curriculum Committee, I recommend approval of the number change of MATH 151-3, Statistics, to MATH 251-3, Statistics, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of FNPA 103-3, Aboriginal and Commercial Law as course offering in the Business Administration Certificate Program, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the electives for the Business Administration Certificate Program being one Business Administration Elective (see comprehensive list of electives), First Nations Public Administration (FNPA) or Entrepreneurial Tourism Management (TOUR) course.

Business Administration Certificate

Financial Accounting I
Business law
Aboriginal and Commercial Law
Business Computers
Business Communications
Mathematics of Finance
Microeconomics
Macroeconomics
Introduction to Marketing
Introduction to Management
to take the Accounting
Concentration Diploma in Year 2 must take
ACCT 151 as the elective.
71001 101

Comprehensive list of electives:

001.161				
	Financial Accounting Ii			
ACCT 151-3	Intermediate Financial Accounting I			
ACCT 250-3	Intermediate Financial Accounting II			
ACCT 251-3				
ACCT 254-3	Auditing Computerized Accounting Systems			
BCPT 154-3	Accounting Information Systems			
BCPT 250-3	Business Finance II			
BFIN 251-3	Business Finance ii			
BPOL 250-3	Business Policy Electronic Commerce			
ECOM 250-3				
ECOM 251-3	Internet Marketing			
INTB 200-3	International Business			
INTB 201-3	International Marketing			
INTB 202-3	International Management			
INTB 203-3	International Human Resource Management			
MARK 251-3	Advertising			
MARK 252-3	Tourism Marketing			
MARK 253-3	Effective Selling			
MATH 251-3	Statistics			
MGMT 252-3	Credit and Collections			
MGMT 201-3	Entrepreneurship			
MGMT 253-3	Labour Relations			
MGMT 254-3	Operations Management			
MGMT 255-3	Human Resource Management			
MGMT 260-3	Applied Management Studies			
TAXN 250-3	Income Tax			
FNPA 101-3	First Nations & Canadian Government			
FNPA 102-3	Leadership and Strategic Management			
FNPA 104-3	Internal and External Communications			
TOUR 101-3	Introduction to Tourism			
TOUR 102-3	Hotel, Motel, Resort Management			
TOUR 103-3	T Evente and Eastivals			
TOUR 104-3	Cultural and Heritage Tourism Management			
TOUR 201-3	Cross Cultural Behaviour on Tourism			
TOUR 202-3	Ecotourism			
1001 202 0				

On behalf of the Articulation and Curriculum Committee, I recommend approval of the Business Administration Diploma, First Nations Public Administration Concentration, consisting of the

following courses, effective September 2005:

•	
	s Administration Certificate and the following:
Completion of Busines	s Administration Certificate Line
ACCT 252-2	Management Accounting.
BFIN 250-3	Business Finance I
	Business Management Simulation or
BSIM 250-3	Business Policy
BPOL 250-3	First Nations and Canadian Government
FNPA 101-3	First Nations and Canadian Covernment
FNPA 102-3	Leadership and Strategic Management
FINE A 102-0	Internal and External Communications
FNPA 104-3	Organizational Behaviour
MGMT 251-3	Descurso Management
MGMT 255-3	ministration Electives (see comprehensive list of electives)
Plus two Business Ad	ministration Electives (see comprehensive list of company
1 lus tiro Batini	

On behalf of the Articulation and Curriculum Committee approve the Business Administration Diploma, Tourism Management Concentration, consisting of the following courses, effective September 2005:

La of Ducinoss Ac	Iministration Certificate and the following:					
Completion of Business A	Management Accounting I					
ACCT 252-2	Business Finance I					
BFIN 250-3	Business Management Simulation or					
BSIM 250-3	Business Management Simulation 55					
BPOL 250-3	Business Policy					
MARK 252-3	Tourism Marketing					
MARK 202-0	Entrepreneurship					
MGMT 201-3	Organizational Behaviour					
MGMT 251-3 Organizational Behaviour Plus Three Tourism Management electives (see list below)						
Plus Three Tourism Mana	Introduction to Tourism					
TOUR 101-3	Introduction to rounding					
TOUR 102-3	Hotel, Motel, Resort Management					
TOUR 103-3	Tourism Events and Festivals					
TOUR 104-3	Cultural and Heritage Tourism Management					
TOUR 104-3	Cross Cultural Behaviour in Tourism					
TOUR 201-3	T L L L L L L L L L L L L L L L L L L L					
TOUR 202-3	: Letion Floatives (see comprehensive list of electives)					
Plus one Business Admir	nistration Electives (see comprehensive list of electives)					

On behalf of the Articulation and Curriculum Committee, I recommend that when a Business Administration Entrepreneurial Tourism Management or First Nations Public Administration course is used as an elective towards the Business Administration Certificate, the same course cannot be used as an elective towards a Business Administration Diploma.

On behalf of the Articulation and Curriculum Committee, I recommend approval of NURS 101-3, The Art and Science of Nursing, prerequisites none, effective June 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of NURS 102-3, Communication Theory and Practice, prerequisites none, effective June 2005.

On behalf of the Articulation and Curriculum Committee, I recommend the approval of replacing MATH 131-3, Introduction to Statistics with MATH 251-3, Statistics, in the Computer Technology Program, effective September 2005.

Computer Technology Program

nputer recombios	
CPTE 101-4 CPTE 132-3	Computer Hardware and Operating Systems Introduction to Structured Programming Using Qbasic
or CPSC 123-3	Computer Programming
MATH 251-3	Statistics
CPTE 181-3 CPTE 121-4	Web Development Foundation Introduction to Networking
CPTE 163-3	Introduction to Relational Databases
ENGL 151-3	Technical Writing

	The Maria Pagio
CPTE 133-4	Introduction to Visual Basic
or	
CPSC 124-3	Data Structures
CPTE 142-4	Advanced Office Applications
CPTE 182-3	Web Development Advanced Skills
CPTE 122-4	Advanced Networking
CPTE 164-3	Advanced Databases
CPTE 104-3	Job Search
CPTE 198-1	
CPTE 199-3	Practicum

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course name change, and renumbering of CIRM 120-2, Cartography and Chartwork to ACE 152-2, Map and Aerial Photo Interpretation, prerequisites Principles of Math 10 or MATH 0301/0302, co-requisite of Principles of Math 11 or MATH 0401/0402, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course name change, and renumbering of CIRM 160-4, Coastal Wildlife Management to ACE 174-4, British Columbia Wildlife Identification, prerequisites English 11 or ENGL 040 or 045, co-requisite Biology 11 or BIOL 040, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course name change, and renumbering of CIRM 220-2, Marine Population Estimation Techniques, to ACE 140-1.5, Estimating Aquatic Populations, prerequisites English 11 or ENGL 040 or 045, Principles of Math 11 or MATH 0401/0402 or ACE 150, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course renumbering of CIRM 210-2, Coastal Forest Measurements, to ACE 142-1.5, Coastal Forest Measurements, prerequisites English 11 or ENGL 040 or 045, Principles of Math 11 or MATH 0401/0402 or ACE 150, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course name change, and renumbering of CIRM 230-3, Stream Habitat and Restoration to ACE 180-3, Stream Habitat Assessment, prerequisites English 11 or ENGL 040 or 045 and Principles of Math 10 or MATH 0301/0302, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course name change, and renumbering of MATH 161-4, Technical Math to ACE 150-3, Applied Technical Math, prerequisites Principles of Math 10 or MATH 0301/0302, co-requisites of Principles of Math 11 or MATH 0401/0402, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course name change, and renumbering of CIRM 170-2, Mariculture Technology to ACE 170-2, Introduction to Mariculture Species and Techniques, prerequisites English 10 or ENGL 030 and Principles of Math 10 or MATH 0301/0302, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course ACE 194-2, Environment Site Assessment, prerequisites English 10 or ENGL 040 or 045, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course ACE 102-2, Traditional Ecological Knowledge, prerequisites English 10 or ENGL 030, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course ACE 122-1, Marine and Coastal Policy and Planning, prerequisites English 11 or ENGL 040 or 045, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course ACE 160-1, Solid Waste Management, prerequisites English 11 or ENGL 040 or 045, and Biology 11 or BIOL 040, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course ACE 162-1, Wastewater Treatment Standards and Procedures, prerequisites English 11 or ENGL 040 or 045 and Biology 11 or BIOL 040, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course ACE 164-1, Drinking Water Treatment Standards and Procedures, prerequisites English 11 or ENGL 040 or 045 and Biology 11 or BIOL 040, effective September 2005, subject to clarification of course name.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course ACE 166-1, Sampling Methods, prerequisites English 11 or ENGL 040 or 045 and Biology 11 or BIOL 040, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course ACE 192-4, Environmental Impact Assessment, prerequisites English 11 or ENGL 040 or 045 and Biology 11 or BIOL 040, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course ACE 176-4, Wildlife Habitat and Population Management, prerequisites English 11 or ENGL 040 or 045 and Principles of Math 10 or MATH 0301/0302, effective September 2005.

ON behalf of the Articulation and Curriculum Committee, I recommend approval of the course ACE 181-3, Stream Habitat Restoration, prerequisites English 11 or ENGL 040 or 045 and Principles of Math 10 or MATH 0301/0302, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course ACE 104-1, Bear Education and Safety, prerequisites English 10 or ENGL 030 and Principles of Math 10 or MATH 0301/0302, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course ACE 106-1, Shorekeepers: Monitoring Intertidal Habitat, prerequisites English 10 or ENGL 030 and Principles of Math 10 or MATH 0301/0302, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course ACE 134-3, Salmon ID, Life Cycles, Newest Research & Hatchery Project, prerequisites English 10 or ENGL 030 and Principles of Math 10 or MATH 0301/0302, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the course ACE 200-4, Applied Proposal Writing and Project Planning, prerequisites English 11 or ENGHL 040 or 045, effective September 2005.

That Education Council hereby gives authorization to CPAC to approve the ACE Program, Power Line Technician Program, Entrepreneurial Skills Program, and Building Maintenance Program on submission of all required documentation.

Meeting of August 26, 2005

On behalf of the Articulation and Curriculum Committee, I recommend approval of the re-numbering of CIRM 100-3, Outdoor Safety and Certification, to ACE 100-4, Outdoor Safety and Certification, prerequisites none, co-requisites of one course in the ACE Program, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the renumbering of CIRM 152-3, Surveying to ACE 154-2, Surveying, prerequisites Principles of Math 10 or MATH 0301/0302,co-requisite of Principles of Math 11 or MATH 0401/0402, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of ACE 172-2, Mariculture Project, prerequisites ACE 170, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the prerequisite clarification for ACE 194-2, Environmental Site Assessment, prerequisites English 11 or ENGL 040 or 045, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the name change of the Coastal Integrated Management Program (CIRM) to Applied Coastal Ecology (ACE), effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of EDCP 050, Education and Career Planning, prerequisites ENGL 030 and CPST 030, co-requisites ENGL 040 or 045 and CPST 040, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend the approval of the prerequisites for POP 110-8, Work Practicum 1, to be POP 100, POP 101, POP 102, POP 103, POP 104, POP 105, POP 106, POP 107, POP 108 and POP 109, effective May 2005

On behalf of the Articulation and Curriculum Committee, I recommend approval of CPTE 183-3, Web Publishing, prerequisites:

One of the following:

- Information Technology 11
- Business Computer Applications 11
- CPST 040, Advanced Computer Studies
- BCPT 150, Business Administration
- CPSC 111, University Credit

effective September 2005.

On behalf of the Articulation and Curriculum Committee approve the addition of CPTE 183, Web Publishing as a course in the Computer Technology Program, effective September 2005.

simig as a seem				
	Computer Hardware and Operating Systems			
CPTE 101-4	Computer Hardware and Operating 9			
CPTE 132-3	Introduction to Structured Programming Using Qbasic			
or				
CPSC 123-3	Computer Programming			
MATH 251-3	Statistics			
CPTE 181-3 or	Web Development Foundation			
CPTE 183	Web Publishing			
CPTE 121-4	Introduction to Networking			
CPTE 163-3	Introduction to Relational Databases			
ENGL 151-3	Technical Writing			
CPTE 133-4	Introduction to Visual Basic			
or				
CPSC 124-3	Data Structures			
CPTE 142-4	Advanced Office Applications			
CPTE 182-3	Web Development Advanced Skills			
CPTE 122-4	Advanced Networking			
CPTE 164-3	Advanced Databases			
CPTE 198-1	Job Search			
CPTE 199-3	Practicum			

On behalf of the Articulation and Curriculum Committee approved the prerequisite changes:

BFIN 251-3 Business Finance II

ACCT 151, MATH 251 and BFIN 250

MGMT 254-3 Operations Management

MGMT 150 and MATH 251

effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of ACE 120-1, Fisheries Management and Regulations, prerequisites English 11 or ENGL 040 or 045, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of ACE 126-1, Conflict Resolution, prerequisites English 11 or ENGL 040 or 045, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of ACE 130-1, Shellfish ID and Enumeration, prerequisites English 10 or ENGL 030 and Principles of Math 10 or MATH 0301/0302, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of ACE 132-1, ID of Groundfish and Other Non-salmonid Fishes of the Northwest Pacific, prerequisites English 10 or ENGL 030 and Principles of Math 10 or MATH 0301/0302, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of ACE 172-2, Mariculture Project, prerequisites ACE 170, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of ACE 190-4, Temperate Rainforest Ecology, prerequisites English 11 or ENGL 040 or 045 and Biology 11 or BIOL 040, effective September 2005.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the amended prerequisites for ACE 194-2, Environmental Site Assessment, to be English 11 or ENGL 040 or 045, effective September 2005.

That the Program area will clarify in standard format, the required courses and electives for each certificate and diploma in the ACE Program.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the Applied Coastal Ecology, Fisheries and Mariculature Specialization Certificate consisting of the following, effective September 2005:

Successful completion of the following 13 courses.

¥	COURSE	CR	HRS	PREREQUISITES
	Outdoor Safety and Certification	4	60	Co-requisite: One course in the ACE Program
ACE 100	Traditional Ecological Knowledge	2	30	English 10 or ENGL 030
ACE 102	Traditional Ecological Knowledge	1	15	English 10 or ENGL 030 and Principles of Math 10 or
ACE 130	Shellfish ID and Enumeration	'	10	MATH 0301/0302
	ID of Groundfish and Other Non-	1	15	English 10 or ENGL 030 and Principles of Math 10 or
ACE 132	salmonid Fishes of the Northwest	•		MATH 0301/0302
	Pacific			The State of Math 10 or
ACE 134	Salmon ID, Life Cycles, Newest	3	45	English 10 or ENGL 030 and Principles of Math 10 or
ACE 104	Research & Hatchery Project			MATH 0301/0302
ACE 140 Estimating Aquatic Populations	Estimating Aquatic Populations	1.5	20	English 11 or ENGL 040 or 045 and Principles of Math
	Estimating Addation obtained		1	11 or MATH 0401/0402 or ACE 150
	A Li L T buised Moth	3	45	Principles of Math 10 or MATH 0301/0302, co-requisite
ACE 150	Applied Technical Math	"		of Principles of Math 11 or MATH 0401/0402
		2	30	Principles of Math 10 or MATH 0301/0302, co-requisite
ACE 152	Map and Aerial Photo Interpretation	2	30	of Principles of Math 11 or MATH 0401/0402
			100	Principles of Math 10 or MATH 0301/0302, co-requisite
ACE 154	Surveying	2	30	of Principles of Math 11 or MATH 0401/0402
,		1	1	of Principles of Wath 11 of WATH 040 1/0402

ACE 170	Introduction to Mariculture Species and Techniques	2	30	English 10 or ENGL 030 and Principles of Math 10 or MATH 0301/0302
ACE 172 ACE 180	Mariculture Project Stream Habitat Assessment	3	l .	ACE 170 English 11 or ENGL 040 or 045 and Principles of Math 10 or MATH 0301/0302
ACE 181	Stream Habitat Restoration	3		English 11 or ENGL 040 or 045 and Principles of Math 10 or MATH 0301/0302
TOTALS		28.5	440	

Elective Courses: and completion of 270 hours (approx. 18 credits) from the following list:

ACE 104	Bear Education and Safety	1	15	English 10 or ENGL 030 and Principles of Math 10 or MATH 0301/0302
ACE 106	Shorekeepers: Monitoring	1	15	English 10 or ENGL 030 and Principles of Math 10 or MATH 0301/0302
ACE 120	Intertidal Habitat Fisheries Management and	1	15	English 11 or ENGL 040 or 045
	Regulations Marine and Coastal Policy and	1	15	English 11 or ENGL 040 or 045
ACE 122	Planning		45	English 11 or ENGL 040 or 045
ACE 126	Conflict Resolution	1	15	English 11 or ENGL 040 or 045 and Biology 11 or BIOL
ACE 166	Sampling Methods	1	15	0.40
ACE 190	Temperate Rainforest Ecology	4	60	English 11 or ENGL 040 or 045 and Biology 11 or BIOL 040
ACE 192	Environmental Impact Assessment	4	60	English 11 or ENGL 040 or 045 and Biology 11 or BIOL 040
	L Colombia	3	45	None
ANTH 112	First Nations of British Columbia	3	45	ANTH 442
ANTH 212	Cultural Resource Management	3	90	CHEM 11 040 or 0401/0402 and Principles of Math 11
CHEM 101	Introductory Chemistry I	3	90	or MATH 0401/0402. Working knowledge of MATH 12 or MATH 0501/0502 strongly recommended. MATH 10 (Calculus) co-requisite would be an asset.
CHEM 102	Introductory Chemistry II	3	90	CHEM 101 or CHEM 121
CHEM 230	Organic Chemistry I	3	90	CHEM 101/102 or CHEM 121/122
	Organic Chemistry II	3	90	CHEM 230
CHEM 231 CIRM 104	Navigation and Small Boat	2	30	None
	Navigation Marine Harvesting Technologies	1	15	None
CIRM 144 CIRM 280	Seafood Processing Technology	2	30	English 11 or ENGL 040 or 045 and Principles of Math 10 or MATH 0301/0302
CPSC 141	Integrated Software Tools	3	60	ENGL 10 or 030, Principles of Math 11 or Applications of Math 11 or MATH 0401/0402
ENGL 151	Technical Writing I	3	45	ENGL 12 or ENGL 050
ENGL 151	Advanced Technical Writing II	3	45	ENGL 151
GEOG 160	Physical Geography II: Geology,	3	90	None
PHYS 101	Geomorphology and Soils Introduction to Physics I	3	90	PHYS 11 and Principles of Math 11 (Principles of Math 12 recommended) or Math 111.
PHYS 102	Introductory Physics II	3	90	PHYS 101

and any courses that are accepted in the Business Administration Certificate or Diploma Program.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the Applied Coastal Ecology, Environmental Monitoring Specialization Diploma consisting of the following, effective September 2005:

Successful completion of the following 27 courses.

#	COURSE	CR	HRS	PREREQUISITES
ACE 100	Outdoor Safety and Certification	4	60	Co-requisite: One course in the ACE Program
ACE 122	Marine and Coastal Policy and	1	ļ.	English 11 or ENGL 040 or 045
	Planning	 	AE.	Principles of Math 10 or MATH 0301/0302, co-requisite
ACE 150	Applied Technical Math	3	45	of Principles of Math 11 or MATH 0401/0402

	Information Systems (GIS)	1	1410	
GEOG 204	Spatial Analysis and Geographic Information Systems (GIS)	3	90	GEOG 150 or GEOG 160 and CPSC 111
GEOG 150	Biogeography, Meteorology and Climatology			
ENGL 152	Physical Geography I:	3	90	None
ENGL 151	Advanced Technical Writing II	3	45	ENGL 151
	Technical Writing I	3	45	ENGL 12 or ENGL 050
CPSC 141	Integrated Software Tools	3	60	ENGL 10 or 030, Principles of Math 11 or Applications of Math 11 or MATH 0401/0402
CHEM 102	Introductory Chemistry II	3	90	CHEM 101 or CHEM 121
			1	101 (Calculus) co-requisite would be all asset.
				12 or MATH 0501/0502 strongly recommended. MATH 101 (Calculus) co-requisite would be an asset.
C1 1E147 10 1				11 or MATH 0401/0402. Working knowledge of MATH
CHEM 101	Introductory Chemistry I	3	90	CHEM 11 or 040 or 0401/0402 and Principles of Math
F	Environments			
C	Oceanography <u>and</u> Methods of Monitoring the Marine	3	90	OCGY 208, OCGY 209, CHEM 101, CHEM 102
OCGY 209 I	ntroduction to Biological	3	45	First year science.
Or			100	First year science.
BIOL 270	Coastal Zone Conservation Biology	3	45	BIOL 101/102
BIOL 235	ichthyology and	3	90	BIOL 101/102
OCGY 208	Introduction to Physical, Chemical and Geological Oceanography			
Or	Liter duction to Dhysical Chemical	3	45	First year science.
BIOL 211	Principles of Ecology	3	40	DIOL 101/102
	Evolution and Ecology	 	45	BIOL 101/102
BIOL 102	Introductory Biology II - Genetics,	3	90	BIOL 101
3IOL 101	Introductory Biology I - Cells, Diversity and Physiology	١	30	
	Environmental Site Assessment	$\frac{2}{3}$	90	BIOL 11 or 040 and CHEM 11 or 040 or 0401/0402
		2	30	040 English 11 or ENGL 040 or 045
ACE 192	Environmental Impact Assessment	4	60	English 11 or ENGL 040 or 045 and Biology 11 or BIOI
ACE 190	Temperate Rainforest Ecology	4	60	English 11 or ENGL 040 or 045 and Biology 11 or BIOL 040
CE 181	Stream Habitat Restoration	3		10 or MATH 0301/0302
		3	45	10 or MATH 0301/0302 English 11 or ENGL 040 or 045 and Principles of Math
CE 180	Identification Stream Habitat Assessment	3	45	English 11 or ENGL 040 or 045 and Principles of Math
	British Columbia Wildlife	4	60	English 11 or ENGL 040 or 045, co-requisite Biology 11 or BIOL 040
CE 166	Sampling Methods	1	15	040
9	Standards and Procedures			040 English 11 or ENGL 040 or 045 and Biology 11 or BIOL
	and Procedures Drinking Water Treatment	1	15	040 English 11 or ENGL 040 or 045 and Biology 11 or BIOL
CE 162 \	Wastewater Treatment Standards	1	15	English 11 or ENGL 040 or 045 and Biology 11 or BIOL
CE 160 S	Solid Waste Management	1	15	English 11 or ENGL 040 or 045 and Biology 11 or BIOL 040
CE 154	Surveying	2		of Principles of Math 11 or MATH 0401/0402
		2	30	of Principles of Math 11 or MATH 0401/0402 Principles of Math 10 or MATH 0301/0302, co-requisite

Elective Courses: and completion of 415 hours (approx. 28 credits) from the following list:

ACE 102	Traditional Ecological Knowledge	2	30	English 10 or ENGL 030
	Traditional Ecological Fatoritong	1	15	English 10 or ENGL 030 and Principles of Math 10 or
ACE 104	Bear Education and Safety	'	10	MATH 0301/0302
	Shorekeepers: Monitoring Intertidal	1	15	English 10 or ENGL 030 and Principles of Math 10 or
ACE 106		'	'	MATH 0301/0302
	Habitat			
ACE 120	Fisheries Management and	1	15	English 11 or ENGL 040 or 045
	Regulations			FNOL 040 045
ACE 126	Conflict Resolution	1	15	English 11 or ENGL 040 or 045
		1	15	English 10 or ENGL 030 and Principles of Math 10 or
ACE 130	Shellfish ID and Enumeration	'	1 10	MATH 0301/0302

		 _	15	English 10 or ENGL 030 and Principles of Math 10 or
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ID of Groundfish and Other Non- salmonid Fishes of the Northwest	1		MATH 0301/0302
	Pacific	3	45	English 10 or ENGL 030 and Principles of Math 10 or
ACE 134	Salmon ID, Life Cycles, Newest	0	''	
	Research & Hatchery Project	1.5	20	English 11 or ENGL 040 or 045 and Principles of
ACE 140	Estimating Aquatic Populations	1.5	20	A O AA AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
		1.5	20	English 11 or ENGL 040 or 045, Principles of Wath 11
ACE 142	Coastal Forest Measurements	1.5	20	**************************************
			30	English 10 or ENGL 030 and Principles of Math 10 or
ACE 170	Introduction to Mariculture Species	2	30	MATH 0301/0302
AOL III	and Techniques		100	105 470
ACE 172	Mariculture Project	2	30	- " LAA - ENCL 040 or 045 and Principles 01
ACE 176	Wildlife Habitat and Population	4	60	Math 10 or MATH 0301/0302 CO-requisite: Biology
ACE III	Management		1	11 or BIOL 040
				English 11 or ENGL 040 or 045
ACE 200	Applied Proposal Writing and Project	4	60	English 11 of ENGL 040 of 010
ACE 200	Planning			
ANTH 112	First Nations of British Columbia	3	45	None
ANTH 212	Cultural Resource Management	3	45	ANTH 112
	Invertebrate Zoology	3	90	BIOL 101/102
BIOL 201	Vertebrate Zoology	3	90	BIOL 101/102
BIOL 202	Non-Vascular Plants and Fungi	3	90	BIOL 101/102
BIOL 203	Vascular Plants	3	90	BIOL 101/102 BIOL 203 is strongly recommended
BIOL 204		3	90	CHEM 101/102 or CHEM 121/122
CHEM 230	Organic Chemistry I	3	90	CHEM 230
CHEM 231	Organic Chemistry II	2	30	None
CIRM 104	Navigation and Small Boat Navigation	1	15	None
CIRM 144	Marine Harvesting Technologies	2	30	English 11 or ENGL 040 or 045 and Principles of
CIRM 280	Seafood Processing Technology	-		Math 10 or MATH 0301/0302
	- Lu III Coology	3	90	None
GEOG 160	Physical Geography II: Geology,	"		MATIL 444 or
	Geomorphology and Soils	3	67.5	C or better in Principles of Math 12 or MATH 111 or
MATH 101	Calculus I: Differential Calculus	١	0,0	1 *** TI I VEVA (UEU.) (SICILIES 17 IS 1600) (1110) (1404)
		3	90	DHVS 11 and Principles of Math 11 (Principles of
PHYS 101	Introduction to Physics I	١٥	30	Math 12 recommended) or Math 111.
		3	90	PHYS 101
PHYS 102	Introductory Physics II			

and any courses that are accepted in the Business Administration Certificate or Diploma Program.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the Applied Coastal Ecology, Environmental Monitoring Specialization Certificate consisting of at least 910 hours (approx 51 credits), of which a minimum of 300 hours must be from the required 27 courses in the Environmental Monitoring Specialization Program, effective September 2005:

On behalf of the Articulation and Curriculum Committee, I recommend approval of the Applied Coastal Ecology, Coastal Resource Technology Specialization Diploma Program, consisting of the following, effective September 2005:

Successful completion of the following 27 courses.

	COURSE	CR	HRS	PREREQUISITES
COURSE#	Outdoor Safety and Certification	4	60	Co-requisite: One course in the ACE Program
ACE 100	Traditional Ecological Knowledge	2	30	English 10 or ENGL 030
ACE 102	Traditional Ecological Knowledge	+-	15	English 10 or ENGL 030 and Principles of Math 10 or
ACE 104	Bear Education and Safety	1'	1	1 MATH 0204/0202
ACE 106	Shorekeepers: Monitoring Intertidal	1	15	English 10 or ENGL 030 and Principles of Math 10 or MATH 0301/0302
ACE 120	Habitat Fisheries Management and	1	15	English 11 or ENGL 040 or 045
	Regulations	1	15	English 11 or ENGL 040 or 045
ACE 126	Conflict Resolution	1	15	English 10 or ENGL 030 and Principles of Math 10 or
ACE 130	Shellfish ID and Enumeration			MATH 0301/0302

salmonid Fishes of the Northwest Pacific ACE 134 Salmon ID, Life Cycles, Newest Research & Hatchery Project ACE 140 Estimating Aquatic Populations ACE 141 Estimating Aquatic Populations ACE 142 Coastal Forest Measurements ACE 142 Coastal Forest Measurements ACE 150 Applied Technical Math ACE 150 Applied Technical Math ACE 150 Map and Aerial Photo Interpretation ACE 152 Map and Aerial Photo Interpretation ACE 154 Surveying ACE 155 Surveying ACE 156 Surveying ACE 157 Surveying ACE 158 British Columbia Wildlife Identification ACE 159 Wildlife Habitat and Population ACE 150 Stream Habitat Assessment ACE 150 Stream Habitat Restoration ACE 150 Stream Habitat Restoration ACE 150 Stream Habitat Restoration ACE 150 Wildlife Habitat and Population ACE 150 Wildlife Habitat Assessment ACE 150 Stream Habitat Restoration ACE 150 Stream Habitat Restoration ACE 150 Stream Habitat Restoration ACE 150 Temperate Rainforest Ecology ACE 150 Temperate	CE 132	ID At Graundish and Other 1901	1	15	English 10 or ENGL 030 and Principles of Math 10 or MATH 0301/0302
Research & Hatchery Project Rese	OL 102	salmonid Fishes of the Northwest			
ACE 134 Sammon ID, Lite Cycles, Interest Research & Hatchery Project ACE 140 Estimating Aquatic Populations ACE 1410 Estimating Aquatic Populations ACE 142 Coastal Forest Measurements ACE 142 Coastal Forest Measurements ACE 150 Applied Technical Math ACE 150 Applied Technical Math ACE 150 Applied Technical Math ACE 150 Map and Aerial Photo Interpretation ACE 152 Map and Aerial Photo Interpretation ACE 154 Surveying ACE 155 Surveying ACE 156 Surveying ACE 157 British Columbia Wildlife Identification ACE 158 Wildlife Habitat and Population ACE 159 Wildlife Habitat Assessment ACE 150 Stream Habitat Assessment ACE 150 Stream Habitat Assessment ACE 150 Temperate Rainforest Ecology ACE 150 Applied Proposal Writing and Project Planning BIOL 101 Introductory Biology I - Cells, Diversity and Physiology Diversity and Physiology BIOL 102 Introductory Biology I - Genetics, Evolution and Ecology CPSC 141 Technical Writing I ACE 150 Applied Technical Writing II ACE 151 Agvanced Technical Writing II ACE 152 Advanced Technical Writing II ACE 153 Agvanced Technical Writing II ACE 154 Advanced Technical Writing II ACE 155 Agvanced Technical Writing II ACE 156 Acid Acid Acid Acid Acid Acid Acid Acid	i	Dacific		15	English 10 or ENGL 030 and Principles of Math 10 or
Research & Hatchery Project ACE 140 Estimating Aquatic Populations ACE 142 Coastal Forest Measurements ACE 150 Applied Technical Math ACE 150 Applied Technical Math ACE 150 Map and Aerial Photo Interpretation ACE 152 Map and Aerial Photo Interpretation ACE 153 Surveying ACE 154 Surveying ACE 155 Surveying ACE 156 British Columbia Wildlife Identification ACE 157 Wildlife Habitat and Population Management ACE 158 Stream Habitat Assessment ACE 180 Stream Habitat Restoration ACE 181 Stream Habitat Restoration ACE 181 Stream Habitat Restoration ACE 192 Environmental Impact Assessment ACE 193 Applied Proposal Writing and Project ACE 190 Applied Proposal Writing and Project ACE 191 Introductory Biology I - Cells, Diversity and Physiology BIOL 101 Introductory Biology I - Genetics, Evolution and Ecology ACE 141 Technical Writing I ACE 142 Acy and Acrial Population ACE 144 British Columbia Wildlife Identification ACE 185 Advanced Technical Writing I ACE 180 Stream Habitat Restoration ACE 180 Temperate Rainforest Ecology ACE 181 Stream Habitat Restoration ACE 180 Temperate Rainforest Ecology ACE 181 Stream Habitat Restoration ACE 180 Temperate Rainforest Ecology ACE 181 Stream Habitat Restoration ACE 180 Temperate Rainforest Ecology ACE 180 Temperate Rainfore	ACE 134	Salmon ID. Life Cycles, Newson	3		
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ACE 142 Coastal Forest Measurements 1.5 20 English 11 or ENGL 040 or 045, Principles of Math or MATH 0301/0302, corequisite of Principles of Math 10 or MATH 0301/0302, corequisite of Principles of Math 11 or MATH 0401/0402 or ACE 150 ACE 152 Map and Aerial Photo Interpretation ACE 154 Surveying 2 30 Principles of Math 10 or MATH 0301/0302, corequisite of Principles of Math 11 or MATH 0401/04 or Principles of Math 11 or Principles of Math 11 or Principles of Math 11 or Principles of Math 10 or MATH 0301/0302 or Principles of Math 11 or Principles of Math 11 or Principles of Math 10 or MATH 0301/0302 or Principles of Math 11	ACE 140	Estimating Aquatic Populations	1.0	20	AA NAATII OMONIONIN OLAGE 180
ACE 142 Coastal Forest Measurements			1.5	20	English 11 or ENGL 040 or 045, Philoples of Math. 1
ACE 150 Applied Technical Math 3	ACE 142	Coastal Forest Measurements	1.5	20	MARTI 0404/0402 OF ACE 100
ACE 150 Applied Technical Math ACE 152 Map and Aerial Photo Interpretation ACE 154 Surveying 2 30 Principles of Math 10 or MATH 0301/0302, correquisite of Principles of Math 11 or MATH 0401/04 requisite of Principles of Math 11 or MATH 0401/04 principles of Math 11 or MATH 0301/0302, correquisite of Principles of Math 11 or MATH 0401/04 principles of Math 11 or ENGL 040 or 045, co-requisite Biology 11 or BIOL 040 ACE 176 Wildlife Habitat and Population Management ACE 180 Stream Habitat Assessment 3 45 English 11 or ENGL 040 or 045 and Principles of Math 10 or MATH 0301/0302 CO-requisite: Biology 11 or BIOL 040 ACE 181 Stream Habitat Restoration 3 45 English 11 or ENGL 040 or 045 and Principles of Math 10 or MATH 0301/0302 ACE 190 Temperate Rainforest Ecology 4 60 English 11 or ENGL 040 or 045 and Biology 11 or BIOL 040 ACE 192 Environmental Impact Assessment 4 60 English 11 or ENGL 040 or 045 and Biology 11 or BIOL 040 ACE 200 Applied Proposal Writing and Project Planning BIOL 101 Introductory Biology I - Cells, Diversity and Physiology BIOL 102 Introductory Biology I - Genetics, Evolution and Ecology CPSC 141 Integrated Software Tools BIOL 102 ENGL 150 Or 030, Principles of Math 11 or MATH 0401/0402 ENGL 151 Technical Writing I 3 45 ENGL 12 or ENGL 050 ENGL 152 Advanced Technical Writing II 3 45 ENGL 12 or ENGL 050 ENGL 151 Technical Writing II 3 45 ENGL 12 or ENGL 050 ENGL 152 Advanced Technical Writing II 3 45 ENGL 151 GEOG 150 or GEOG 160 and CPSC 111			-2	45	
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ACE 174 British Columbia Wildlife National Wildlife Habitat and Population Management		www.ll.we.stica	1	60	English 11 or ENGL 040 or 045, co-requisite Biology
ACE 176 Wildlife Habitat and Population Management ACE 180 Stream Habitat Assessment ACE 181 Stream Habitat Restoration ACE 181 Stream Habitat Restoration ACE 181 Stream Habitat Restoration ACE 182 Enylish 11 or ENGL 040 or 045 and Principles of Math 10 or MATH 0301/0302 ACE 190 Temperate Rainforest Ecology ACE 190 Enylish 11 or ENGL 040 or 045 and Principles of Math 10 or MATH 0301/0302 ACE 190 English 11 or ENGL 040 or 045 and Principles of Math 10 or MATH 0301/0302 ACE 192 Environmental Impact Assessment ACE 200 Applied Proposal Writing and Project Planning BIOL 101 Introductory Biology I - Cells, Diversity and Physiology BIOL 102 Introductory Biology II - Genetics, Evolution and Ecology CPSC 141 Integrated Software Tools BNGL 151 Technical Writing I ENGL 152 Advanced Technical Writing II ENGL 153 Spatial Analysis and Geographic Letermation Systems (GIS)	ACE 174	British Columbia Wildlife Identification	4		500 040
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ACE 180 Stream Habitat Assessment 3 45 English 11 or ENGL 040 or 045 and Principles of Math 10 or MATH 0301/0302 ACE 181 Stream Habitat Restoration 3 45 English 11 or ENGL 040 or 045 and Principles of Math 10 or MATH 0301/0302 ACE 190 Temperate Rainforest Ecology 4 60 English 11 or ENGL 040 or 045 and Biology 11 or BIOL 040 ACE 192 Environmental Impact Assessment 4 60 English 11 or ENGL 040 or 045 and Biology 11 or BIOL 040 ACE 200 Applied Proposal Writing and Project 4 60 English 11 or ENGL 040 or 045 and Biology 11 or BIOL 040 BIOL 101 Introductory Biology I - Cells, Diversity and Physiology BIOL 101 Introductory Biology II - Genetics, Evolution and Ecology 3 90 BIOL 101 ENGL 102 Introductory Biology II - Genetics, Evolution and Ecology 3 60 ENGL 10 or 030, Principles of Math 11 or Applications of Math 11 or MATH 0401/0402 ENGL 151 Technical Writing I 3 45 ENGL 12 or ENGL 050 ENGL 152 Advanced Technical Writing II 3 45 ENGL 151 GEOG 204 Spatial Analysis and Geographic Information Systems (GIS)		Management	1		
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ACE 181 Stream Habitat Restoration 3 45 English 11 or ENGL 040 or 045 and Principles of Math 10 or MATH 0301/0302 ACE 190 Temperate Rainforest Ecology 4 60 English 11 or ENGL 040 or 045 and Biology 11 or BIOL 040 ACE 192 Environmental Impact Assessment 4 60 English 11 or ENGL 040 or 045 and Biology 11 or BIOL 040 ACE 200 Applied Proposal Writing and Project Planning 90 BIOL 11 or 040 and CHEM 11 or 040 or 0401/040 BIOL 101 Introductory Biology I - Cells, Diversity and Physiology 11 or Genetics, Evolution and Ecology 3 90 BIOL 101 BIOL 102 Introductory Biology II - Genetics, Evolution and Ecology 3 60 ENGL 10 or 030, Principles of Math 11 or Applications of Math 11 or MATH 0401/0402 ENGL 151 Technical Writing I 3 45 ENGL 12 or ENGL 050 ENGL 152 Advanced Technical Writing II 3 45 ENGL 151 ENGL 153 Spatial Analysis and Geographic Information Systems (GIS)	ACE 180	Stream Habitat Assessment	"	70	1 7: - 40 NAATU 0201/0307
ACE 190 Temperate Rainforest Ecology 4 60 English 11 or ENGL 040 or 045 and Biology 11 or BIOL 040 ACE 192 Environmental Impact Assessment 4 60 English 11 or ENGL 040 or 045 and Biology 11 or BIOL 040 ACE 200 Applied Proposal Writing and Project Planning 90 BIOL 11 or 040 and CHEM 11 or 040 or 0401/040 BIOL 101 Introductory Biology I - Cells, Diversity and Physiology 90 BIOL 11 or 040 and CHEM 11 or 040 or 0401/040 BIOL 102 Introductory Biology II - Genetics, Evolution and Ecology 90 BIOL 101 ENGL 151 Technical Writing I 3 45 ENGL 12 or ENGL 050 ENGL 152 Advanced Technical Writing II 3 45 ENGL 151 ENGL 152 Advanced Technical Writing II 3 90 GEOG 150 or GEOG 160 and CPSC 111 Integration Systems (GIS)			13	45	English 11 or ENGL 040 or 045 and Principles of
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ACE 192 Environmental Impact Assessment BIOL 040 ACE 200 Applied Proposal Writing and Project Planning BIOL 101 Introductory Biology I - Cells, Diversity and Physiology BIOL 102 Introductory Biology II - Genetics, Evolution and Ecology CPSC 141 Integrated Software Tools ENGL 151 Technical Writing I ENGL 152 Advanced Technical Writing II Spatial Analysis and Geographic Information Systems (GIS) BIOL 040 English 11 or ENGL 040 or 045 BIOL 101 Integrated O40 or 040 or 040 or 0401/040 BIOL 11 or 040 and CHEM 11 or 040 or 0401/040 BIOL 10 or 030, Principles of Math 11 or Applications of Math 11 or O40 or 0401/0402 ENGL 151 Technical Writing II Spatial Analysis and Geographic Information Systems (GIS)		Assessment	1	60	English 11 or ENGL 040 or 045 and Biology 11 of
ACE 200 Applied Proposal Writing and Troject Planning BIOL 101 Introductory Biology I - Cells, Diversity and Physiology BIOL 102 Introductory Biology II - Genetics, Evolution and Ecology CPSC 141 Integrated Software Tools ENGL 151 Technical Writing I ENGL 152 Advanced Technical Writing II GEOG 204 Spatial Analysis and Geographic Information Systems (GIS) BIOL 11 or 040 and CHEM 11 or 040 or 0401/040 BIOL 101 BIOL 101 BIOL 101 BIOL 101 BIOL 101 ENGL 10 or 030, Principles of Math 11 or Applications of Math 11 or MATH 0401/0402 ENGL 151 Technical Writing II Spatial Analysis and Geographic Information Systems (GIS)	ACE 192	Environmental Impact Assessment	"		RIOI 040
ACE 200 Applied Proposal Writing and Troject Planning BIOL 101 Introductory Biology I - Cells, Diversity and Physiology BIOL 102 Introductory Biology II - Genetics, Evolution and Ecology CPSC 141 Integrated Software Tools ENGL 151 Technical Writing I ENGL 152 Advanced Technical Writing II GEOG 204 Spatial Analysis and Geographic Information Systems (GIS) BIOL 11 or 040 and CHEM 11 or 040 or 0401/040 BIOL 101 BIOL 101 BIOL 101 BIOL 101 BIOL 101 ENGL 10 or 030, Principles of Math 11 or Applications of Math 11 or MATH 0401/0402 ENGL 151 Technical Writing II Spatial Analysis and Geographic Information Systems (GIS)		Walting and Project	1	60	English 11 or ENGL 040 or 045
BIOL 101 Introductory Biology 1 - Cerls, Diversity and Physiology BIOL 102 Introductory Biology II - Genetics, Evolution and Ecology CPSC 141 Integrated Software Tools BIOL 101 ENGL 10 or 030, Principles of Math 11 or Applications of Math 11 or MATH 0401/0402 ENGL 151 Technical Writing I ENGL 152 Advanced Technical Writing II Spatial Analysis and Geographic Information Systems (GIS)	ACE 200	Applied Proposal Writing and Project	7		1
BIOL 101 Introductory Biology 1 - Cerls, Diversity and Physiology BIOL 102 Introductory Biology II - Genetics, Evolution and Ecology CPSC 141 Integrated Software Tools BIOL 101 ENGL 10 or 030, Principles of Math 11 or Applications of Math 11 or MATH 0401/0402 ENGL 151 Technical Writing I ENGL 152 Advanced Technical Writing II Spatial Analysis and Geographic Information Systems (GIS)		Planning	13	90	BIOL 11 or 040 and CHEM 11 or 040 or 0401/0402
BIOL 102 Introductory Biology II - Genetics, Evolution and Ecology CPSC 141 Integrated Software Tools 3 60 ENGL 10 or 030, Principles of Math 11 or Applications of Math 11 or Applications of Math 11 or Applications of Math 11 or MATH 0401/0402 ENGL 151 Technical Writing I ENGL 152 Advanced Technical Writing II Spatial Analysis and Geographic Information Systems (GIS)	BIOL 101	Introductory Biology 1 - Cells,	1		
Evolution and Ecology 1 Genetics Evolution and Ecology 2 Genetics Evolution and Ecology 3 60 ENGL 10 or 030, Principles of Math 11 or Applications of Math 11 or MATH 0401/0402		Diversity and Physiology	13	90	BIOL 101
CPSC 141 Integrated Software Tools Applications of Math 11 or MATH 0401/0402 ENGL 151 Technical Writing I ENGL 152 Advanced Technical Writing II Spatial Analysis and Geographic Information Systems (GIS) Applications of Math 11 or MATH 0401/0402 Applications of Math 11 or MATH 0401/0402 Applications of Math 11 or MATH 0401/0402 Spot Information Systems (GIS) Applications of Math 11 or MATH 0401/0402 Applications of Math 11 or MATH 0401/0402 Applications of Math 11 or MATH 0401/0402 BOOG 150 OF ENGL 150 GEOG 150 OF GEOG 160 and CPSC 111	BIOL 102	Introductory Biology II - Genetics,	١		Charles Ad an
CPSC 141 Integrated Software 100IS Applications of Math 11 or MATH 0401/0402 ENGL 151 Technical Writing I 3 45 ENGL 12 or ENGL 050 ENGL 152 Advanced Technical Writing II 3 45 ENGL 151 GEOG 204 Spatial Analysis and Geographic Information Systems (GIS)		Evolution and Ecology	3	60	ENGL 10 or 030, Principles of Math 11 of
ENGL 151 Technical Writing I 3 45 ENGL 12 or ENGL 050 ENGL 152 Advanced Technical Writing II 3 45 ENGL 151 ENGL 152 Advanced Technical Writing II 3 90 GEOG 150 or GEOG 160 and CPSC 111 GEOG 204 Spatial Analysis and Geographic Information Systems (GIS)	CPSC 141	Integrated Software 1001s			Applications of Math 11 or MATH 040 1/0402
ENGL 151 Technical Writing I ENGL 152 Advanced Technical Writing II 3 45 ENGL 151 ENGL 152 Advanced Technical Writing II 3 90 GEOG 150 or GEOG 160 and CPSC 111 GEOG 204 Spatial Analysis and Geographic Information Systems (GIS)		- 1 : -1\Abiting!	3	45	ENGL 12 or ENGL 050
GEOG 204 Spatial Analysis and Geographic 3 90 GEOG 150 or GEOG 160 and CPSC 111		l echnical vynung i			ENCL 151
GEOG 204 Spatial Analysis and Geographic Information Systems (GIS)	ENGL 152				GEOG 150 or GEOG 160 and CPSC 111
Information Systems (GIS)	GEOG 204	Spatial Analysis and Geographic	١		
TOTALS 69 1100		Information Systems (GIS)	69	1180	

Elective Courses: Completion of minimum 630 hours (approx 42 credits) from the following list:

AOE 100	Marine and Coastal Policy and	1	15	English 11 or ENGL 040 or 045
ACE 122				TVOL 040 ar 045 and Riology 11 or
	Planning	1	15	English 11 or ENGL 040 or 045 and Biology 11 or
ACE 160	Solid Waste Management	1]	BIOL 040
		1	15	English 11 or ENGL 040 or 045 and Biology 11 or
ACE 162	Wastewater Treatment Standards	1	10	DIOI 040
,02	and Procedures	<u> </u>	45	English 11 or ENGL 040 or 045 and Biology 11 or
ACE 164	Drinking Water Treatment Standards	1	15	DIOL 040
ACE 104	and Procedures			BIOL 040 English 11 or ENGL 040 or 045 and Biology 11 or
	Sampling Methods	1	15	
ACE 166	Sampling Methods			BIOL 040 BIOL 040
	4- Mariaulturo Species	2	30	English 10 or ENGL 030 and Principles of Math 10 o
ACE 170	Introduction to Mariculture Species	-	1	MATH 0301/0302
	and Techniques	2	30	ACE 170
ACE 172	Mariculture Project			English 11 or ENGL 040 or 045
ACE 194	Environmental Site Assessment	2	30	
ANTH 112	First Nations of British Columbia	3	45	None None
	Cultural Resource Management	3	45	ANTH 112
ANTH 212	Cultural Nessures Management	3	90	BIOL 101/102
BIOL 201	Invertebrate Zoology	3	90	BIOL 101/102
BIOL 202	Vertebrate Zoology	3	90	BIOL 101/102
BIOL 203	Non-Vascular Plants and Fungi	3	90	BIOL 101/102; BIOL 203 is strongly recommended
BIOL 204	Vascular Plants			BIOL 101/102
BIOL 211	Principles of Ecology	3	45	BIOL 101/102

3IOL 235	Ichthyology	3	90 45	BIOL 101/102 BIOL 101/102 BIOL 101/102
3IOL 270	Coastal Zone Conservation Biology	3	90	- 1 - 1 - 1 - 1 - 1 OAD or 0401/0402 and Principles of Water
CHEM 101	Introductory Chemistry I	J	00	AA = NAATLI AAA1/04()2 VVOIKIIIQ KIIOWIEGGO OI
1				recommended. MATH 101 (Calculus) co-requisits
			1	would be an asset.
	Ol ideal	3	90	CHEM 101 or CHEM 121
CHEM 102	Introductory Chemistry II	3	90	CHEM 101/102 or CHEM 121/122
CHEM 230	Organic Chemistry I	3	90	CHEM 230
CHEM 231	Organic Chemistry II	2	30	None
CIRM 104	Navigation and Small Boat Navigation	1	15	None OAF and Dringiples of
CIRM 144	Marine Harvesting Technologies	2	30	English 11 or ENGL 040 or 045 and Principles of
CIRM 280	Seafood Processing Technology	-		Math 10 or MATH 0301/0302
	Physical Geography I: Biogeography,	3	90	None
GEOG 150	Meteorology and Climatology	-		
	Physical Geography II: Geology,	3	90	None
GEOG 160	Geomorphology and Soils			C or better in Principles of Math 12 or MATH 111 or
	Calculus I: Differential Calculus	3	67.5	MATH 0501/0502. Calculus 12 is recommended.
MATH 101	Calculus I. Differential Salsanas			MATH 0501/0502. Calculus 12 is received
	Introduction to Physical, Chemical	3	45	First year science.
OCGY 208	and Geological Oceanography			E: Lucar egionos
0001/200	Introduction to Biological	3	45	First year science.
OCGY 209	Oceanography		1	OCGY 208, OCGY 209, CHEM 101, CHEM 102
OCGY 210		3	90	\$
0001210	Environments		100	PHYS 11 and Principles of Math 11 (Principles of
PHYS 101	Introduction to Physics I	3	90	Math 12 recommended) or Math 111.
1 -1113 101			100	PHYS 101
PHYS 102	Introductory Physics II	3	90	FIIIO 101

and any courses that are accepted in the Business Administration Certificate or Diploma Program.

On behalf of the Articulation and Curriculum Committee, I recommend approval of the Applied Coastal Ecology, Coastal Resource Technology Specialization Certificate consisting of at least 895 hours (approx. 53 credits), of which a minimum of 300 hours must be from the required 27 courses in the Coastal Resource Technology Specialization Program, effective September 2005: