

ORGANIZATIONAL CHANGES FOR TRANSYSTEMS

With the recent changes in the organization of BCIT, the Department Heads have been replaced with a new management level of Associate Dean and in the case of Transystems this means that we have lost both Ray Robins and Shirley Conder. Shirley is now the secretary to the new Associate Dean and Ray is working on special projects with a view to retirement in 1988.

The new Associate Dean of the Civil group, which includes the Survey, Building, Civil and Structural, and Transystems departments is Ed Hull who comes to BCIT from the Municipality of Richmond. Ed is a professional engineer with background in traffic and transportation planning.

In the meantime, our department continues with a remaining staff of three covering the following areas:

RON ISAAK 432-8607
Program coordination, course development, portfolio reviews, and student advisor.

MIKE BOYLE 432-8279
Course writer, tutor, marking and examination coordinator.

SHARI MONSMA 432-8784
Student records, registrations, certificates, course delivery, and processing of marks.

If you have any questions give us a call.

Newsletter Expanded

Our Newsletter has expanded to include information for Technical Skills Program and Diploma Employees of the Ministry of Transportation and Highways as well as a section for other Continuing Education students.

Season's Greetings



The **INTERCHANGE**

Editor: *Ron Isaak*
Typesetting, Production and Printing: *Print Services*

Comments, suggestions, letters, etc., are welcome, but the editor reserves the right to edit for brevity, clarity or libel.

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Program Statistics

As the number of courses we develop expands so does the enrollment. The current statistics show an increase over last year.

Program	Students	Course Enrollment
Technical Skills	1380	1036
Diploma Program	497	513
Continuing Education	85	130

Course Completions

The reminder letters are working but improvement is still needed. Current completions are approximately:

Technical Skills	60%
Diploma Program	20%
Continuing Education	30%



Ray Robins (left), Ron Isaak (right) and Shari Monsma with Certificate of Technology graduate Doug Miller and Norman Daykin at Convocation '87.

Ministry of Transportation and Highways

Technical Skills Program News

COURSE NEWS

Available Courses

The following list shows the standard courses that are available under the Technical Skills Program. You will get credit towards your Technical Skills Certificate when you complete these, however, BCIT credit is not generally awarded.

Technical Skills Course Selection

Ministry Transportation and Highways employees on the Technical Skills Program may take any of the Technical Skills or Transystems courses with the approval of their supervisor and with the required prerequisites.

When selecting any course for credit towards a Technical Skills Certificate be sure to use the designation HIWY before the course number, i.e., HIWY 501 HIGHWAY DESIGN PART 1.

By using the HIWY prefix you will earn Technical Skills credit towards your Certificate and if the course is selected from the diploma program courses, you are also eligible to write the BCIT credit exam for regular BCIT credits. Check the Courses Available listing in this newsletter.

HIWY 001	2 credits	Mathematics 1
HIWY 002	3 credits	Mathematics 2
HIWY 004	3 credits	Drainage 1
HIWY 006	4 credits	Geology & Soils 1
HIWY 180	2 credits	Intro to Data Processing
HIWY 007	3 credits	Bridge Maintenance 1
HIWY 008	4 credits	Bridge Maintenance 2
HIWY 009	4 credits	Bridge Maintenance 3
HIWY 110	3 credits	Maintenance Management
HIWY 111	3 credits	Mechanical Maintenance 1 Module 1
HIWY 112	4 credits	Mechanical Maintenance 1 Module 2
HIWY 113	4 credits	Mechanical Maintenance 1 Module 3
HIWY 660	4 credits	Landscape Maintenance
FMGT 113	3 credits	Basic Accounting
FMGT 114	3 credits	Accounting 2

Well Done!

Since our last newsletter, Don Cudmore has completed the requirements for a Technical Skills Level 2 Certificate.

Note

All courses listed on Page 4 are available to Technical Skills students if you use the HIWY Course Designation and have the required prerequisites.

Marks Statements

The processing of marks and issuing of marks statements takes about 6 weeks. The 9-month reminder and 12-month withdrawal letters are automatically produced at month end so you may get a letter even though you have completed a course. If you do not receive a statement of marks in 6-8 weeks after you complete a course, give Shari a call at 432-8784.

Course Re-registration

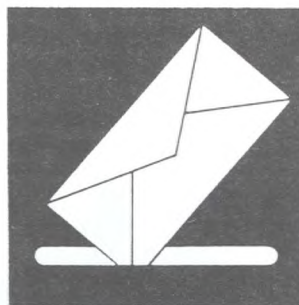
Some students appear to be having difficulty completing the course work in the allotted 9 to 12 month time for reasons other than the work required. If you are unable to complete a course you may re-register by completing a new Course Selection form, marking it as a RE-REGISTRATION, having it signed by your supervisor, and mailing it to our department at BCIT.

Change of Address?

Many of our students seem to be on the move. If you are relocating please phone or write as soon as possible so we can revise our records and make sure your materials, assignments and marks keep up with you.

Keep a Copy

Be sure to keep a copy of all assignments and application forms that you submit to BCIT in case of loss through the mail.



SEMINAR NEWS

The following seminars carry credit towards your Technical Skills Certificate(s).

AVAL 953	2 credits	Avalanche Safety
AVAL 954	2 credits	Avalanche Terrain
ADMN 930	2 credits	Effective Leadership
ADMN 931	2 credits	Instructional Skills
ADMN 935	2 credits	On the Job Instructional Skills
MTCE 930	2 credits	Aerial Photography
MTCE 931	2 credits	Aerial Photography Interpretation
MOTH 703	1 credit	Practical Performance Planning
MOTH 705	2 credits	Coaching Skills

NOTE: We have received many course registration requests for seminar courses. The selection process for Ministry employees to take seminars is not handled by BCIT — we refer all requests to Victoria.

Student Credit History

At the end of January, 1988 we will be printing and mailing a copy of your Student Credit History directly to the mailing address we have on record. Please let us know if there are revisions or changes to your record.

COURSE COMPLETION REMINDER

All courses must be completed within 12 months or you must re-register using a Course Selection Form clearly marked "RE-REGISTRATION".

Please note that if you withdraw from a course you **must** return all course materials and text books to BCIT.

Course Selection

For faster service please use the correct form when registering for a course. A "Course Selection Form" is reprinted on the back page of this newsletter. Photo copies will be accepted. Please keep a copy for your records.

Originals of the form are available through your Training Supervisors.

Please **do not use** the old orange course selection forms.

Note "Program Approval Forms" are for initial **program** registration only. Do not use for course registration.

Ministry of Transportation and Highways Diploma Program News

Transfer Credit Transcripts

Ministry of Transportation and Highways employees who are on the Diploma Program and have had their portfolios reviewed should have received an updated BCIT transcript (blue and white) together with a copy of the old record (brown and white). Please check these transcripts against your department student record to insure that you have received all of your transfer credits. If you have any questions, please give Ron Isaak a call.

Advance Standing Transcripts

Ministry of Transportation and Highways employees who are graduates of BCIT or other colleges, and have submitted a portfolio, and who are working towards a 2nd Diploma, will receive a transcript indicating an advanced standing in the Transystems Program.

Advance standing credit values vary depending on initial program of graduation and these are currently being entered into BCIT's student record system. You should receive your revised transcript by December.

Credit Pending Conversion to Credit

Many of you have a Department Student Record that indicates credit pending in several subjects. The system for converting these pending credits to course credits is not yet complete as course development is still in progress. We hope to have a system in place to cover credit pending for the courses available in the spring of 1988. Watch for an announcement in the next newsletter.

ADMN 930/TSYH 701 Effective Leadership

We have had many enquiries from employees who have completed the seminar course ADMN 930 Effective Leadership asking why it does not appear on their transcript. In order to receive BCIT credit for this seminar you must complete the assignment and write the BCIT credit exam for this course. If you complete both successfully you will receive credit for TSYH 701 Management Studies Part 1.

Portfolio News

A new portfolio documentation package is being prepared in conjunction with a move to evaluate experiential learning for credit without using the credit pending system. This system should be in place in the spring of 1988 so look for more information in the spring newsletter.

Errors/Omissions/Revisions?

If you note any errors or omissions, or have suggestions for revisions to improve the course materials, please photo copy the pages in question and forward them to our office.

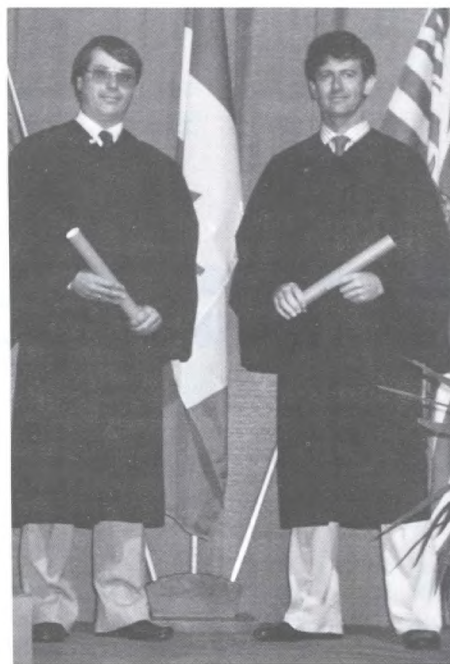
We appreciate your comments and are always trying to improve the courses.

Well Done

Students in the classroom can compare how they are doing in relation to others but those of you around the province might like to know how you compare. We also think it is important that those with outstanding results be recognized.

WELL DONE!!!

Denis Bretcher	Statistics Part 1	93%
	Eng. Economics Part 1	94%
	Eng. Economics Part 2	100%
Barry Bergstrom	Graph Comm. Part 1	98%
Ron Hintsche	Soils Part 1	90%
Bruce Hupman	Technical Math Part 2	91%
Terry MacKay	Intro to Data Processing	95%
Doug Miller	Aggregates Part 1	95%
Rick Mitchell	Soils Part 1	91%
Brian Reardon	Eng. Economics Part 1	92%
Dave Turner	Subdivision Plan. Part 1	92%



Convocation '87

This year two students received their Certificates of Technology (75 credits) at the June Convocation. Our congratulations to Doug Miller and Norman Daykin. Both Doug and Norm transferred into the Transystems Program after completing the Drafting Program at the former B.C. Vocational School and completing a series of night school and correspondence courses.

Now it's on to a Diploma!

Course/Credit Revisions

As courses are being developed and put in service, changes have occurred in some course numbers and credit values. New study programs are being provided on written request using a new format (11 x 17 sheet).

If you would like an update to your program, write in and request one.

Incomplete Courses

Completions in our credit courses needs improvement!! If you are having difficulty, please give us a call. We are very interested in any comments you may have for improvements to the courses, assignments, texts, etc.

Part of the problem may be in course selection. If you are incomplete in a course you find extensive and difficult, give Ron Isaak a call to discuss re-arranging your course load.



People helping people.



Portfolios WANTED

A large number of people who applied for the Diploma Program have not yet submitted a portfolio for review.

We intend to check the records as of December 31, 1987 for portfolios that have been requested prior to August 30 and not received and notify you. You will have the option of transferring to the Technical Skills Program

Seminar Credits

The following seminars carry credit towards your diploma.

Effective Leadership	2 credits
Instructional Skills	2 credits
Labour Relations	1 credit
Coaching Skills	2 credits

Requirements for credit vary — contact Shari Monsma for details.

Public Works Inspection Course

The TSYH 550 course is a combination self-study/seminar course which will be offered at the BCIT Burnaby campus and Okanagan College, Kelowna campus starting in January, 1988.

The course, which is 4 credits, requires some self-study in preparation for the evening seminar sessions which will be held over a period of 12 weeks. Plans are in the mill to offer this course at other college locations in the future. If you would like more information or would like to see the course offered in your area, please call Phil Cunnington at 434-5734, local 5346.

FALL 1987 CORRESPONDENCE COURSES NOW AVAILABLE

The following courses are now available and in service. Be sure to use the right form and provide the proper information.

- Ministry of Transportation and Highways Employees use Form H592 on the back of this newsletter. Be sure it is signed by your supervisor.
- Technical Skills Program employees must use the letters HIWY instead of TSYH to take these courses for Technical Skills credit.
- Continuing Education students must use BCIT form ASR-1A and enclose cheque or money order. (See page 6 for Registration Information.)

Course No.	Course Name	Credits	Course No.	Course Name	Credits
TSYH 101	Introduction to Technical Communications Part 1	2	TSYH 206	Soils Part 3 Field Investigation	3
TSYH 102	Introduction to Technical Communications Part 2	2	TSYH 220	Aggregates Part 1 Basic Properties	1
TSYH 103	Reporting Technical Information	2	TSYH 222	Aggregates Part 3 Testing Practices	1
TSYH 104	Writing Analytical Reports	2	TSYH 301	Surveying Fundamentals Part 1 Basic Instrumentation	1
TSYH 120	Technical Maths Part 1	3	TSYH 302	Surveying Fundamentals Part 2 Methods and Procedures	2
TSYH 123	Technical Maths Part 2	3	TSYH 310	Survey Site Control	3
TSYH 126	Statistics Part 1	1	TSYH 311	Highway Survey Part 1 Horizontal Alignment Calculations	2
TSYH 127	Statistics Part 2	2	TSYH 313	Mapping Systems	1
TSYH 128	Statistics Part 3	2	TSYH 330	Introduction to Legal Survey System	1
TSYH 140	Hydrology Part 1 Introduction to Hydrology	2	TSYH 335	Basic Field Astronomy	1
TSYH 142	Hydrology Part 2 Flood Flow Determination	1	TSYH 460	Contracts and Documents	2
TSYH 143	Hydrology Part 3 Rational Method Application	1	TSYH 501	Highway Design Part 1 Basic Design Data	2
TSYH 150	Strength of Materials Part 1 Forces on Systems (Statics)	2	TSYH 503	Highway Design Part 2 Alignment & Superelevation	4
TSYH 151	Strength of Materials Part 2 Stress/Strain	3	TSYH 530	Subdivision Planning/Design Part 1 Introduction to Land Use Planning	2
TSYH 152	Strength of Materials Part 3 Material Resistance	1	TSYH 532	Subdivision Planning/Design Part 2 Urban Street Design	3
TSYH 160	Graphical Communications Part 1 Basic Drafting Skills	2	TSYH 535	Subdivision Planning/Design Part 3 Storm Sewer Design	2
TSYH 165	Graphical Communications Part 3 Interpreting Construction Drawings	3	TSYH 537	Subdivision Planning/Design Part 4 Sanitary/Water Design	2
TSYH 168	Graphical Communications Part 4 Structural Steel Detailing	2	TSYH 560	Traffic Technology Part 1 Traffic Characteristics	1
TSYH 170	Graphical Communications Part 5 Reinforcing Steel Detailing	2	TSYH 561	Traffic Technology Part 2 Data Collection/Traffic Con.	1
TSYH 180	Computers Part 1 Introduction to Data Processing	2	TSYH 562	Traffic Technology Part 3 Intersections/Signal Phasing	1
TSYH 201	Soils Part 1 Basic Properties	2	TSYH 563	Traffic Technology Part 4 Parking and Loading	1
			TSYH 720	Engineering Economics Part 1 Fund. of Financial Calcs.	2
			TSYH 720	Engineering Economics Part 2 Intro to Engineering Economics	2

NOTE: Prerequisites apply to many of the courses. If you have questions on course selection call Ron Isaak at 432-8607.

NEW CORRESPONDENCE COURSES SCHEDULED FOR SPRING, 1988

The Spring, 1988 scheduled courses are now being completed and printed. Every effort will be made to complete these on schedule. A further notice will be forwarded at that time.

Course No.	Course Name	Credits	Course No.	Course Name	Credits
TSYH 129	Network Analysis	3	TSYH 303	Surveying Fundamentals Part 3 Basic Computations	2
TSYH 132	Calculus Part 1	2	TSYH 312	Highway Surveying Part 2 Vertical Alignment Calculations	1
TSYH 134	Calculus Part 2	2	TSYH 461	Contracts Part 2 Cost Control	1
TSYH 162	Graphical Communication Part 2 Interpreting Topographic Drawings	3	TSYH 507	Highway Design Part 3 Earthworks	3
TSYH 190	Guide to Technical Report Writing	**	TSYH 537	Subdivision Planning/Design Part 4 Sanitary/Water Design	2
TSYH 199	Technical Report Submission	6	TSYH 710	Method Study Part 1 Basic Principles	3
TSYH 203	Soils Mechanics Part 2 Engineering Properties	3			
TSYH 209	Soils Mechanics Part 4 Testing Practices	1			

NEW CORRESPONDENCE COURSES UNDER DEVELOPMENT

Course No.	Course Name	Credits	Course No.	Course Name	Credits
TSYH 105	Management Communications	4	TSYH 221	Aggregates Part 2 Production Control	1
TSYH 145	Hydraulics Part 1 Fluid Fundamentals	2	TSYH 240	Asphalt Technology Part 1 Basic Properties	1
TSYH 146	Hydraulics Part 2 Flow under Pressure	1	TSYH 241	Asphalt Technology Part 2 Mix Design	2
TSYH 147	Hydraulics Part 3 Open Channel Flow	1	TSYH 242	Asphalt Technology Part 3 Testing Practices	1
TSYH 153	Strength of Materials Part 4 Testing Practices	1	TSYH 304	Survey Fundamentals Part 4 Field Practice	1
TSYH 210	Geotechnical Design Part 1 Earth Slope Stability	2	TSYH 314	Highway Surveying Part 3 Field Practices	1
TSYH 212	Geotechnical Design Part 2 Rock Slope Stability	2	TSYH 450	Estimating Part 1 Quantity Take-off	2
TSYH 214	Geotechnical Design Part 3 Foundations	2	TSYH 451	Estimating Part 2 Costing	2
TSYH 218	Geotechnical Design Part 4 Retaining Structures	2	TSYH 510	Highway Design Part 4 Drainage Design	4
			TSYH 540	Subdivision Planning/Design Part 5 Subdivision Layout	2
			TSYH 730	Critical Path Analysis	3

COURSES UNDER DEVELOPMENT HAVE PROJECTED
IN-SERVICE DATES IN 1988

Transportation Systems Department

Continuing Education News

In response to the many enquiries we have received from individuals who are not employees of the Ministry of Transportation and Highways but are interested in our program or individual courses, we have added this section to the newsletter. If you have further questions or want additional information call Ron Isaak (604) 432-8607.

The Transportation Systems (Highway) Technology Department was established in the BCIT School of Engineering Technology in January, 1985, to offer the opportunity for self-paced study leading to a Certificate or Diploma of Technology in Transportation Systems (Highways) Technology. Courses are primarily presented in correspondence format and course development is scheduled to be completed in 1989. This program is being developed in conjunction with the Ministry of Transportation and Highways, Employee Planning and Development Branch.

Admission

BCIT Continuing Education courses are generally presented at a level which assumes students have completed secondary school grade twelve; however, mature students may register in courses based on their own assessment of capabilities.

Experiential Learning Credit?

Progress is being made on the implementation of a system to evaluate non-traditional learning and experience in terms of BCIT credit towards a certificate or diploma. A proposal to initiate a pilot project portfolio assessment system is being presented to the Education Committee and if approved, would see the Transystems Department offering a special course for students to document and present their work experience in educational learning terms for credit.

Experiential learning assessment has two primary objectives. Firstly, to assess and grant credit for skills and knowledge gained through experience so a student would not have to repeat courses or areas of study that they are already competent in; and secondly, to establish the remaining areas of study required to meet the program requirements.

Watch for more news on experiential learning assessment in the next newsletter.

BCIT Night School

The fall term Continuing Education Night School classes are now under way. Plan ahead for the winter term starting in January. Call 434-1610 for information and registration.



2nd Diploma

Do you have a Diploma of Technology in an engineering related area? If so, you could receive Advance Standing credit in the Transystems (Highways) program and work towards a second diploma. Advance standing credit values vary depending on the course of studies for your first diploma and generally a minimum of 75 credits are required for a second diploma.

If you would like to discuss the requirements for entering a second diploma program give Ron Isaak a call at 432-8607.

ASTTBC Upgrade Courses

Do you require courses to upgrade your classification with ASTTBC? In many cases, our correspondence courses are the same or equal to BCIT Continuing Education courses which are used as recommended upgrading courses by ASTTBC. Before commencing one of our courses you should discuss the course equivalencies with Ron Isaak and then have them approved by ASTTBC to ensure that you will receive credit.

Our department is currently preparing an accreditation application for review by ASTTBC for a Certificate of Technology program which we are proposing at the Technician level. The application will include both night school and correspondence courses developed to date and in future we hope to apply for accreditation for a full Diploma of Technology program, once all course development is completed.

Course Fees and Text Costs

The cost of all correspondence courses is set at \$45.00 per credit with text(s) at additional cost if required for the course. Check the credit values for the courses as shown on the Courses Available listing in this newsletter.

Course Information/Outlines

A department update is produced several times a year which lists the courses available, cost of the courses and texts, and the central objectives for each course.

These updates are mailed to everyone on our mailing list and include a schedule of courses under development so you can plan your studies in advance. If you would like to be added to our mailing list give Shari Monsma a call at 432-8784.

Pass the Word

Please pass this newsletter to your co-workers. To receive all updates and future newsletters, call 432-8784 to get on our mailing list.

Public Works Inspection Course to be offered at BCIT and Okanagan College in January, 1988.

See page 3 for details.

Completion Schedule

At the present time, students are permitted to proceed at their own pace to complete a course within a 9-month period. When sufficient courses are developed we will be offering scheduled registration, assignment submission, and examination dates and will be providing scheduled tutoring service.

In order to schedule your course loading we recommend that you limit your initial enrollment to two courses and set aside two nights per week for studying. By using this schedule you should be able to complete one module per week and allowing for assignments you will be able to complete a one credit course in approximately 8 weeks.

Examinations

Our credit courses all culminate in a proctored credit exam which is to be written at your location, subject to your nominating a proctor who is acceptable to BCIT. When you have successfully completed the course assignments you send in a Request for Exam form which is provided in the course materials, we approve the proctor and then send the exam to the proctor. You arrange a convenient time to sit the exam and it is then returned to BCIT for marking.

Registration Information

Mail In Registration

To register for one of our correspondence courses complete and mail in the course registration form included in your Fall update package. Be sure to enclose a cheque, money order or your Visa/MasterCard number. Do not use the form on the back of this newsletter.

Telephone Registration

To register by phone (Visa/MasterCard only), call Shari Monsma at 432-8784 (collect) and have all the information on the registration form ready.

Courses on Approval

If you wish to examine a course prior to starting you may receive the course materials on a 30-day approval basis. To receive On Approval materials, complete the normal registration process and clearly mark your application or advise Shari that it is an On Approval registration. Your cheque or Visa/MasterCard will not be processed for 30 days and will be destroyed if the materials are returned unmarked within that time period.

To be certain that we know whether you are returning or completing the course, please give Shari a call during the 30-day period.

Are you on a C&S Program?

Students who are on a Civil & Structural Night School program may complete many of the required courses by taking our directed courses that are compatible. Call Ron Isaak at 432-8607 or Marsh Heinekey at 434-5734, local 5346 to discuss your program and course selection.

DIRECTED STUDY COURSES

The following listing indicates the majority of the program courses grouped under general topics. Courses should be selected by course number and level sequence.

LEVEL 1

COMMUNICATIONS	
101 INTRO TO TECH COMM 1	2
102 INTRO TO TECH COMM 2	2

INTRODUCTORY MATH	
BCIT PRE-ENTRY GRADE 12 COURSE	0

WATER RESOURCES	
140 INTRO TO HYDROLOGY	2
141 FLOOD FLOW MEASURE	1
142 RATIONAL METHOD	1

GRAPHICAL COMM.	
160 BASIC DRAFTING	2
162 TOPOGRAPHICAL DWGS	3
165 CONSTRUCTION DWGS	3

COMPUTERS	
180 INTRO TO DATA PROCESS	2
182 COMPUTER USE	1

SURVEY FUNDAMENTALS	
301 BASIC INSTRUMENTS	1
302 METHODS/PROCEDURES	2
303 BASIC COMPUTATIONS	2
304 FIELD PRACTICE	1

FIELD INSPECTION	
550 PUBLIC WORKS INSP.	4

LEVEL 2

COMMUNICATIONS	
103 REPORTING TECH INFO	2
104 ANALYTICAL REPORTS	2
105 MGT. COMMUNICATION	4

TECHNICAL MATHS	
123 TECH MATHS 1	3
126 TECH MATHS 2	3

STATISTICS	
126 STATISTICS 1	1
127 STATISTICS 2	2
128 STATISTICS 3	2

HYDRAULICS	
145 FLUID FUNDAMENTALS	2
146 FLOW UNDER PRESSURE	1
147 OPEN CHANNEL FLOW	1

STRENGTH OF MATERIALS	
150 FORCES ON SYSTEMS	2
151 STRESS/STRAIN	3
152 MATL. RESISTANCE	1
153 TESTING PRACTICES	1

GRAPHICAL COMM.	
168 STRUCT. STEEL DET.	2
170 REBAR DETAILING	2

COMPUTERS	
183 HWY APPLICATIONS	2
184 SURVEY APPLICATIONS	3
185 GENERAL	2

SOIL MECHANICS	
201 BASIC PROPERTIES	2
203 ENG. PROPERTIES	3
206 FIELD INVESTIGATION	3
209 TESTING PRACTICES	1

SURVEY — HIGHWAYS	
311 HORIZ. ALIGNMENT	2
312 VERT. ALIGNMENT	1
314 FIELD PRACTICES	1

CONSTRUCTION MATERIALS	
220 AGGREGATE PROP.	1
221 AGGREGATE PRODN.	2
222 TESTING PRACTICES	1
230 CONCRETE PROPERTIES	1
231 CONCRETE MIX DESIGN	2
233 CONCRETE PLACING	1
234 TESTING PRACTICES	1
240 ASPHALT PROPERTIES	1
241 ASPHALT MIX DESIGN	2
243 TESTING PRACTICES	1

SURVEY — GENERAL	
310 SITE CONTROL	3
313 MAPPING SYSTEMS	1
315 QUANTITY MEAS	1
330 LEGAL SURVEY SYSTEM	1
335 FIELD ASTRONOMY	1

AERIAL PHOTOGRAPHY	
340 METHODS/PROCEDURES	2
341 INTERPRETATION	4

ESTIMATING/CONTRACTS	
460 CONSTR. DOCUMENTS	2
461 COST CONTROL	1
450 QUANTITY TAKE OFF	2
451 COSTING	2

STRUCTURAL DESIGN	
570 FORCES ON STRUCTURES	1
571 INTERNAL FORCES	2
572 BASIC TIMBER DESIGN	2
574 BASIC R.C. DESIGN	2
575 BASIC STEEL DESIGN	2

MANAGEMENT	
701 EFFECTIVE LEADERSHIP	2
702 INSTRUCTION SKILLS	2
703 PERFORMANCE PLANS	1
704 EMPLOYEE RELATIONS	1
705 COACHING SKILLS	2

LEVEL 3

TECHNICAL REPORT	
190 GUIDE TO WRITING	0
199 TECHNICAL REPORT	6

GEOTECHNICAL DESIGN	
210 EARTH SLOPE STABILITY	2
212 ROCK SLOPE STABILITY	2
214 FOUNDATIONS	2
216 RETAINING STRUCTURES	2
401 CLEARING/EXCAVATION	1
402 EARTH MOVING	1
403 COMPACTION	1

HIGHWAY CONSTRUCTION	
401 CLEARING/EXCAVATION	1
402 EARTH MOVING	1
403 COMPACTION	1
404 CULVERT/DRAINAGE	1
520 PAVEMENT DESIGN	2
522 PAVEMENT SPECS	1
440 PVMT. PLACING METHODS	2
441 PVMT. QUALITY CONTROL	1

HIGHWAY DESIGN	
501 BASIC DESIGN DATA	2
503 ROUTE SELECTION	4
507 EARTHWORKS	3
510 DRAINAGE DESIGN	4

SUB DIVISION PLANNING	
530 LAND USE PLANNING	2
532 URBAN ST. DESIGN	3
535 STORM SEWERS	2
537 WATER SUPPLY	2
540 SUB DIVN. LAYOUT	2

TRAFFIC/TRANSPORTATION	
560 TRAFFIC CHARACTER	1
561 DATA COLLECTION	1
562 TRAFFIC SIGNALS	1
563 PARKING/LOADING	1
580 TRANS PLANNING 1	2
582 TRANS PLANNING 2	2

CONSTRUCTION MGT.	
720 FINANCIAL CALCS.	2
721 ENG. ECONOMICS	2
710 METHOD STUDY	3
714 LAYOUT PLANNING	1
730 CRITICAL PATH	2
731 PROJECT SIMULATION	1
129 NETWORK ANALYSIS	3

TOPIC	
XXX SUBJECT	X
TSYH	BCIT
COURSE NO.	CREDIT



COURSE SELECTION FORM

- TECHNICAL SKILLS CERTIFICATE PROGRAM
 TRANSPORTATION SYSTEMS TECHNOLOGY DIPLOMA PROGRAM

PERSONAL DATA

STUDENT NUMBER	SOCIAL INSURANCE NUMBER	STUDENT NAME	FAMILY NAME FOLLOWED BY GIVEN NAME(S)			
NOTE: IF YOUR "MAILING ADDRESS" HAS CHANGED SINCE YOU LAST APPLIED, COMPLETE THE FOLLOWING:						
(FOR ALL OTHER ADDRESS AND PERSONAL CHANGES A "PERSONAL DATA CHANGE" FORM MUST BE COMPLETED)						
MAILING ADDRESS:	NUMBER AND STREET					
	CITY/TOWN			PROV.	REGION	DISRICT/BRANCH
	POSTAL CODE		TELEPHONE NUMBER:	NUMBER		AREA CODE
						A

I AM WORKING TOWARDS:

<p>TRANSPORTATION SYSTEMS TECHNICAL DIPLOMA PROGRAM</p> <p><input type="checkbox"/> INTERMEDIATE CERTIFICATE</p> <p><input type="checkbox"/> CERTIFICATE</p> <p><input type="checkbox"/> DIPLOMA</p>	<p>TECHNICAL SKILLS CERTIFICATE PROGRAM</p> <p><input type="checkbox"/> LEVEL 1</p> <p><input type="checkbox"/> LEVEL 2</p> <p><input type="checkbox"/> LEVEL 3</p>
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COURSE SELECTION/REGISTRATION

COURSE NUMBER	COURSE NAME	OFFICE USE ONLY	
		MTLS	ISIS

APPLICANT'S SIGNATURE _____ DATE: _____

SUPERVISOR'S SIGNATURE _____ DATE: _____

NOTES:

1. THIS FORM IS TO BE USED ONLY BY APPLICANTS WHO HAVE BEEN APPROVED FOR PROGRAM REGISTRATION.
2. SEND ORIGINAL TO: TRANSPORTATION SYSTEMS TECHNOLOGY DEPARTMENT
BCIT, 3700 WILLINGDON AVENUE
BURNABY, B.C. V5G 3H2
3. COPY #1 TO SUPERVISOR.
4. COPY #2 TO APPLICANT

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