

B.C.I.T. Library



010011648



*A POLYTECHNIC INSTITUTION*

# **Facts and Figures 2004 Edition (Revised)**

---

**Prepared by:  
Institutional Research and Planning**

**May, 2005**



The path you choose can make all the difference.

ARC  
T  
173  
V2  
B75  
2004  
rev.



## QUICK FACTS

<b>FULL-TIME STUDENTS</b>	<b>94/95</b>	<b>95/96</b>	<b>96/97</b>	<b>97/98</b>	<b>98/99</b>	<b>99/00</b>	<b>00/01</b>	<b>01/02</b>	<b>02/03</b>	<b>03/04</b>
Technology	4,697	4,768	5,102	5,240	5,374	5,325	5,291	5,318	5,336	5,305
Technology Degree			1	26	49	52	60	112	242	422
Vocational	2,088	3,636	4,148	4,525	4,865	4,970	5,422	5,768	5,562	5,483
Apprentices	5,464	5,373	5,125	4,952	4,940	4,674	4,623	4,378	4,424	4,642
<b>Total Enrolled Full-time</b>	<b>12,249</b>	<b>13,777</b>	<b>14,376</b>	<b>14,743</b>	<b>15,228</b>	<b>15,021</b>	<b>15,396</b>	<b>15,576</b>	<b>15,564</b>	<b>15,852</b>

<b>PART-TIME STUDENTS</b>										
Certificate/Diploma/Undeclared	25,177	24,689	25,593	27,928	29,691	31,201	33,575	33,844	32,130	31,965
Declared Degree Students	1	1	114	196	311	314	417	435	512	612
<b>Total Enrolled Part-time</b>	<b>25,178</b>	<b>24,690</b>	<b>25,707</b>	<b>28,124</b>	<b>30,002</b>	<b>31,515</b>	<b>33,992</b>	<b>34,279</b>	<b>32,642</b>	<b>32,577</b>

<b>TOTAL ENROLLED</b>	<b>37,427</b>	<b>38,467</b>	<b>40,083</b>	<b>42,867</b>	<b>45,230</b>	<b>46,536</b>	<b>49,388</b>	<b>49,855</b>	<b>48,206</b>	<b>48,429</b>
-----------------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------

### FTE

Actual FTE (base-funded programs)	8,358	8,862	9,314	9,655	10,580	11,110	11,370	11,651	11,988	12,062
Utilization Ratio	86%	89%	94%	97%	103%	106%	106%	105%	104%	103%

### AGE

Percent 17 - 20 Years	33%	37%	36%	36%	29%	30%	31%	30%	29%	n/a
Percent 21 - 24 Years	32%	31%	32%	29%	34%	33%	34%	34%	35%	n/a

### GRADUATES

Bachelor of Business Administration										53
Bachelor of Technology							111	123	188	222
Advanced Diploma of Technology							44	61	62	49
Diploma of Technology							1,850	1,903	1,859	1,925
Certificate of Technology							797	996	763	895
Associate Certificate of Technology							440	523	443	420
Diploma of Technical Studies/Trades Training							330	299	351	488
Certificate of Technical Studies							1,393	1,411	1,516	1,409
Assoc. Cert. of Technical Studies/Trades							29	53	80	68
<b>TOTAL GRADUATES</b>	<b>3,321</b>	<b>3,487</b>	<b>3,934</b>	<b>4,108</b>	<b>4,734</b>	<b>4,641</b>	<b>4,994</b>	<b>5,369</b>	<b>5,262</b>	<b>5,529</b>

<b>Graduate Employment Rate</b>	<b>86%</b>	<b>82%</b>	<b>85%</b>	<b>85%</b>	<b>85%</b>	<b>86%</b>	<b>87%</b>	<b>82%</b>	<b>82%</b>	<b>n/a</b>
---------------------------------	------------	------------	------------	------------	------------	------------	------------	------------	------------	------------

### STAFF

BCGEU Support	394	400	383	387	387	399	418	419	433	433
BCGEU Instructor	228	236	232	232	236	227	215	223	225	226
Management	118	120	113	115	124	125	123	129	139	142
Faculty and Staff Association	554	552	535	512	534	540	585	638	663	669
Part-time Studies Instructors	488	464	476	453	556	478	560	591	637	550
<b>TOTAL</b>	<b>1,782</b>	<b>1,772</b>	<b>1,739</b>	<b>1,699</b>	<b>1,837</b>	<b>1,769</b>	<b>1,901</b>	<b>2,000</b>	<b>2,097</b>	<b>2,020</b>

B111344644

**"Education's purpose is  
to replace an empty  
mind with an open one."**

**- Malcolm Forbes**

**LIBRARY  
B.C. INSTITUTE OF TECHNOLOGY  
3700 WILLINGDON AVE.  
BURNABY, B.C.  
V5G 3H2**



## TABLE OF CONTENTS

### Section 1 – BCIT Information

Vision .....	1-1
Mission Statement .....	1-1
Mandate .....	1-1
Historic Overview .....	1-2
Campus Profile .....	1-3
Factbook Definitions .....	1-4
Message from the President .....	1-5

### Section 2 – New Student Information

Education Intentions and Prior Activity .....	2-1
Main Source of Funding and Student Concerns .....	2-2
Gender Ratios for Full-time and Part-time Studies .....	2-3
Part-time Student Profile .....	2-4
New Full-time Students Demographic Profile .....	2-5
School District Breakdown .....	2-6
Highest Level of Education by School .....	2-7
Percentage of New Students with Degrees by School and Year .....	2-8

### Section 3 – Historical Student Data

BCIT Student Enrolment .....	3-1
Part-time Enrolment .....	3-2
Part-time Registrations .....	3-3
International Student Enrolment .....	3-4



## **Section 4 – Graduate Data**

Full-time Graduates .....	4-1
Graduate Data, Technology Programs .....	4-2
Graduate Data, Vocational Programs .....	4-7
Graduate Outcomes Employment Rates .....	4-9
2001-2003 Graduate Outcomes Survey Summary .....	4-10

## **Section 5 – FTE and Financial Data**

Actual FTE by Student Type .....	5-1
Ministry Funded vs. Actual FTE .....	5-2
FTE Utilization Ratio .....	5-2
Revenue vs. Expenses .....	5-3
Capital Assets .....	5-3
BCIT Revenue .....	5-4
BCIT Expenses .....	5-5
BCIT Foundation .....	5-6

## **Section 6 – Human Resources and Facilities Data**

BCIT Employee Breakdown .....	6-1
BCIT Space and Building Inventory .....	6-2
Utility and Recycling Measures .....	6-3
Library Summary .....	6-4
Library Services .....	6-5
Student Residence Summary .....	6-6

## **Section 7 – BCIT Department Information**

### **BCIT Technology Centre**

Major Research Facilities .....	7-1
Major Achievements and Technology Centre Figures .....	7-2
External Clients & Partners (2003 – 2004).....	7-3

### **Appendix**

#### **BCIT Program List**



# **Section 1**

## **BCIT Information**

## **Our Vision**

BCIT will be Canada's premier polytechnic institution

## **Mission Statement**

To build pathways for career success in the global marketplace through teaching excellence and applied education and research.

## **Mandate**

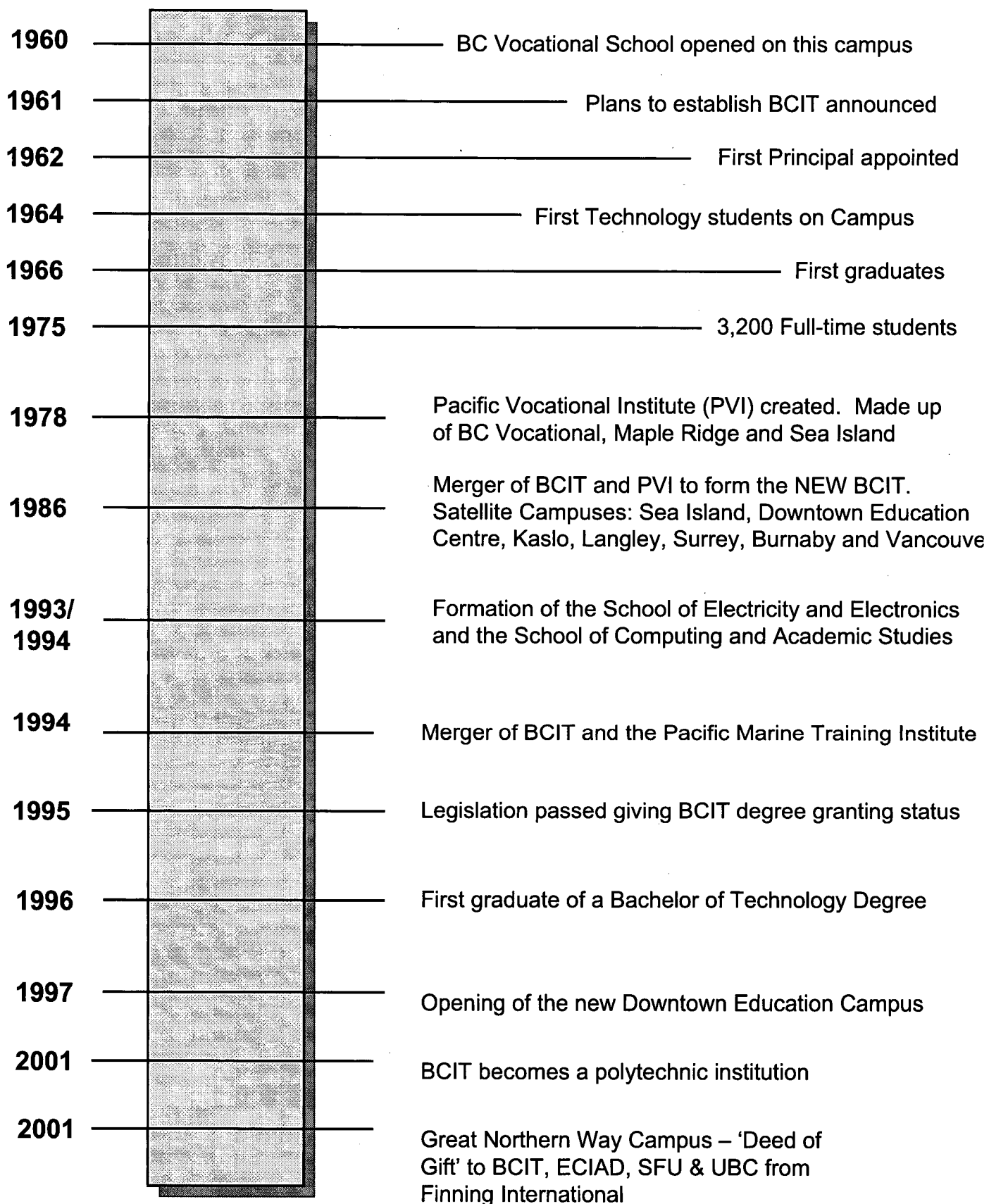
BCIT will be a Province-wide, innovative organization, specializing in advanced technology training and focusing on those initiatives that increase the level of economic activity, entrepreneurial activity and employment for the Province.

BCIT will:

- prepare dynamic, highly skilled members of the workforce by delivering full and part-time courses of study including:
  - certificate, diploma and degree studies in technologies and trades;
  - contracted industry training and upgrading courses.
- conduct technology transfer activities by providing opportunities for innovation, industrial assistance and contracted applied research.



# BCIT HISTORIC OVERVIEW



# Campus Profile

The British Columbia Institute of Technology consists of five main campuses located throughout Greater Vancouver and several satellite locations in British Columbia.

## Campuses

Location	Address	Instruction
<b>Burnaby</b>	3700 Willingdon Ave. Burnaby, BC V5G 3H2	See Below*
<b>Downtown</b>	555 Seymour Street Vancouver, BC V6B 3H6	Business and Computing
<b>BCIT Marine Campus</b>	265 West Esplanade North Vancouver, BC V7M 1A5	Nautical Science and Marine
<b>Aerospace and Technology Campus</b>	Vancouver International Airport Unit 200, 5301 Airport Road, South Richmond, BC V7B 1B5	Aviation/Avionics
<b>Great Northern Way Campus</b>	555 Great Northern Way, Vancouver, BC V5T 1E2	Commercial Transport/Diesel Engine/Heavy Duty Mechanics/Mobile Equipment Operator/Railway Conductor

## Satellite Locations

<b>Abbotsford Campus Aviation Program</b> 30750 Threshold Drive Abbotsford, BC V2S 4N9	<b>Kester Grant College</b> 2412 Laurel Street Vancouver, BC V5Z 3T2 English for Polytechnic Preparation	<b>Rutland Senior Secondary School</b> 650 Dodd Road Kelowna, BC V1X 2X3
<b>Howe Street Campus</b> 549 Howe Street Vancouver, BC V6C 2C2 For most Interior Design Classes for Downtown	<b>Kwantlen University College</b> Langley Campus 20901 Langley Bypass Langley, BC V3A 8G9	<b>Surrey</b> Princess Margaret Senior Secondary School 128th Street and 72nd Avenue Surrey, BC V3M 2M9 Part-time Business courses only
<b>BC Hydro Building</b> 333 Dunsmuir Street Vancouver, BC V6B 4N1 BCISIT Forum for International Trade Training (FITT) courses	<b>Langley Secondary School</b> 21405 - 56th Avenue Langley, BC V3A 4R3	<b>South Peace Secondary</b> 108-15th Street Dawson Creek, BC V1G 3Z3
<b>Carson Graham Secondary</b> 2145 Jones Avenue North Vancouver, BC V7M 2W7	<b>Maple Leaf / Eurocentres (VLC)</b> 815 West Hastings Street, Suite 250 Vancouver, BC V6C 1B4	<b>Thomas Haney Centre</b> 23000 - 116th Avenue Maple Ridge, BC V2X 0T8
<b>Justice Institute of British Columbia</b> 715 McBride Blvd. New Westminster, BC V3L 5T4	<b>Maple Ridge Secondary School</b> 21911 - 122nd Avenue Maple Ridge, BC V2X 3X2	<b>Vancouver English Centre</b> 250 Smithe Street Vancouver, BC V6B 1E7
<b>Kelowna Aerospace Campus</b> Kelowna Airport 5585 Highway 97N Kelowna, BC V1V 2K4	<b>New Westminster Secondary</b> 835 8th Street New Westminster, BC V3M 3S9	<b>Vancouver Language Centre, Guadalajara (VLC-G)</b> AV-Vallarta 1151, Col. Americana CPP44100 Guadalajara, Jalisco, Mexico (Courses: BLAW 3425, HRMG 3765, HRMG 3805, Econ 3305)
	<b>Royal Centre</b> 1055 Georgia Street (7th Floor) Vancouver, BC V6E 3S5	<b>Westview Secondary</b> 20905 Wicklund Avenue Maple Ridge, BC V2X 8E8

\* The main campus in Burnaby has instruction in the following schools: Business, Computing and Academic Studies, Construction and the Environment, Health Sciences, Transportation, and Manufacturing, Electronics and Industrial Processes.



## FACTBOOK DEFINITIONS

<b>Actual FTE</b>	Measures the actual student FTE delivered.
<b>Fiscal Year</b>	Reporting period of April to March.
<b>FTE (Full-Time Equivalence)</b>	FTE represents all full and part-time enrolments converted to the number of students carrying a full-time course load.
<b>Full-Time Program Enrolment</b>	Number of students who are enrolled in daytime programs.
<b>Full-Time Student</b>	Student who is enrolled in a daytime program.
<b>Graduate</b>	Student who has earned a credential upon completion of a Technology or Vocational Program.
<b>Employee</b>	<p><b>Employees</b> on staff April 1<sup>st</sup> each year, hired for a regular, on-going position on a part-time or full-time basis. Includes all employees on paid or unpaid leaves. Employees on long term disability or temporarily replacing regular staff on leaves or absences are not included.</p> <p><b>Part-time Instructors:</b> Number of part-time instructors teaching part-time studies courses on payroll, averaged for each of the 26 pay periods in a fiscal year.</p>
<b>Ministry Funded FTE</b>	Funding provided by the Ministry of Advanced Education that reflects approved training and education to be provided.
<b>Part-Time Certificate Graduates</b>	Students who earned a certificate in part-time courses.
<b>Part-Time Registrations/Registrants</b>	Number of students registered in part-time or Distance Education courses. This is <b>duplicated</b> student count. Students could be registered in one or more courses.
<b>Part-Time Students</b>	Students who are registered in a part-time or Distance Education course. This is <b>unduplicated</b> student count. Students are counted once in a fiscal year regardless of number of courses registered in.

# Message from the President

BCIT, as a polytechnic institution, is well known for its ability to produce high quality graduates in technology, trades, business and health sciences which form an integral part of the economic infrastructure. A major aspect of this success centres on the very strong linkages between BCIT and the employing community in business and industry.

In addition to the full-time programs, BCIT is committed to providing lifelong learning opportunities for people throughout their careers through part-time credit courses. While many of these are currently classroom based an increasing number will incorporate the use of new technologies to make the educational experiences available anywhere at any time.

BCIT looks forward to addressing the training challenges of a future that is dynamic, rapidly changing and increasingly infused with new technologies.

A black and white photograph of a handwritten signature in cursive script, which appears to read 'A. Knowles'. The signature is written on a light-colored, textured background.

Tony Knowles  
President



# **Section 2**

## **New Student Information**

## Education Intentions and Prior Activity

### New BCIT Students in Full-time Programs

#### Primary Objective for Enrolling at BCIT

Reason	Full-time Vocational Programs		
	Full-time Technology Programs		
	All Full-time Programs		
Establish a Career	57%	55%	61%
Get a Job	14%	15%	12%
Change Career	11%	10%	13%
Get a Better Job - Same Field	5%	6%	4%
Personal Interest/Enrichment	5%	4%	6%
Study Here Until Accepted into University	1%	2%	0%
Upgrade Existing Education/Skills	2%	2%	2%
Obtain a Bachelor of Technology Degree	4%	6%	1%
Other	0%	0%	0%

#### Activities Prior to Attending

Activity	Full-time Vocational Programs		
	Full-time Technology Programs		
	All Full-time Programs		
Secondary school	16%	18%	15%
College/institute student	18%	22%	13%
University student	7%	11%	2%
Employed	67%	63%	72%
Unemployed	12%	10%	14%
Travel	8%	10%	6%

## Main Source of Funding and Student Concerns

### New BCIT Students in Full-time Programs

#### Main Source of Funding (multiple responses)

Source	Full-time Vocational Programs		
	All Full-time Programs	Full-time Technology Programs	Full-time Vocational Programs
Support from parents/spouse	42%	44%	40%
Savings	38%	40%	36%
Job while attending BCIT	26%	23%	31%
Support from employer/agency	3%	2%	4%
Sponsorship (e.g. EI)	7%	3%	12%
Government student loans/grants	36%	41%	29%
Scholarship/Bursary/High School Award	7%	8%	5%
Personal loan/bank loan	5%	5%	5%
RESP's	1%	2%	1%

#### Student Concerns

##### Question posed to new students:

Do you have concerns about any of the following areas while you will be attending BCIT?

■ Yes    ■ No

##### All Full-time Programs

Financial concerns	52%	48%
Employment prospects	48%	52%
Program choice	21%	79%
Program difficulty	50%	50%
English Language Skills	12%	88%

##### Full-time Technology Programs

Financial concerns	55%	45%
Employment prospects	50%	50%
Program choice	25%	75%
Program difficulty	59%	41%
English Language Skills	13%	87%

##### Full-time Vocational Programs

Financial concerns	48%	52%
Employment prospects	45%	55%
Program choice	15%	85%
Program difficulty	38%	62%
English Language Skills	11%	89%



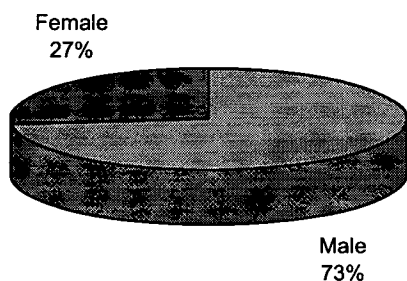
## Gender Ratios for Full-time & Part-time Studies 2003/04 School Year

SCHOOL	FULL-TIME STUDENTS	PART-TIME STUDIES STUDENTS*
Business	60% M 40% F	42% M 58% F
Computing & Academic Studies	69% M 31% F	59% M 41% F
Construction/Environment *	83% M 17% F	64% M 36% F
Health Sciences *	28% M 72% F	33% M 67% F
Manufacturing, Elect & Ind Process*	86% M 14% F	80% M 20% F
Transportation *	91% M 9% F	92% M 8% F

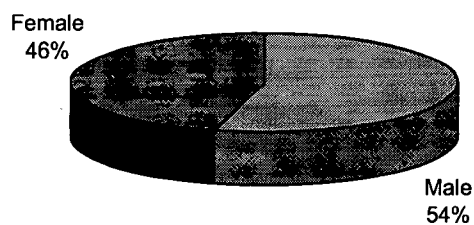
■ M ■ F

\* School re-structuring

### Full-time Students



### Part-time Studies Students



\* Part-time Studies Students represent an unduplicated headcount and include Distance Education

Note: Gender ratios do not include Apprentices

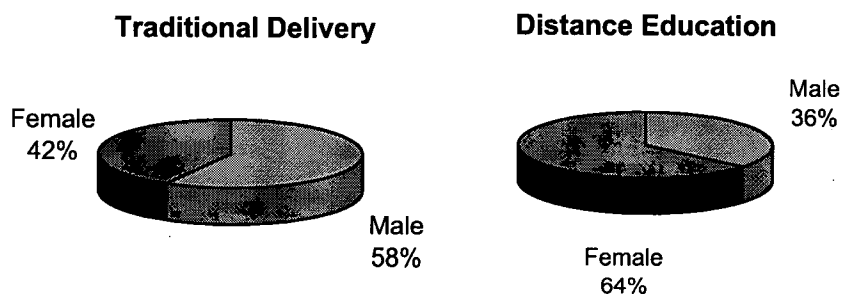
Effective April 1, 2002 realignment following dissolution of Process, Energy & Natural Resources

## Part-time Student Profile

### Part-time Studies Educational Objective

Traditional Delivery		Distance Education*	
Degree (through BCIT)	8%	Degree (through BCIT)	24%
Diploma	10%	Diploma	9%
Certificate	29%	Certificate	29%
Associate Certificate	11%	Associate Certificate	9%
Professional Credential/Desig.	4%	Professional Credential/Designation	8%
Advanced Diploma	1%	Advanced Diploma	4%
University Degree	1%	University Degree	2%
Trades Qualification	4%	Trades Qualification	1%
Obtain a Trades License	1%	Obtain a Trades License	1%
Skills upgrading	20%	General Interest or Skills Upgrading	11%
Other	2%	Other	3%
General Interest	8%		
Apprentice	1%		

### Gender Mix



### Age Distribution

Traditional Delivery		Distance Education	
19 yrs. or less	7%	19 yrs. or less	2%
20 yrs. to 24 yrs.	24%	20 yrs. to 24 yrs.	18%
25 yrs. to 29 yrs.	18%	25 yrs. to 29 yrs.	19%
30 yrs. to 34 yrs.	17%	30 yrs. to 34 yrs.	19%
35 yrs. to 39 yrs.	13%	35 yrs. to 39 yrs.	15%
40 yrs. to 44 yrs.	10%	40 yrs. to 44 yrs.	12%
45 yrs. or greater	12%	45 yrs. or greater	15%
median age	30	median age	32

# New Full-time Students Demographic Profile

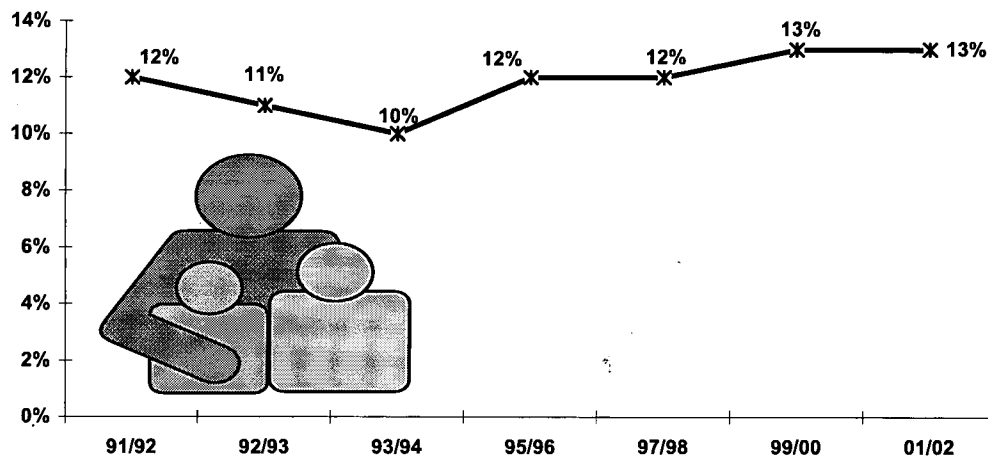
## Age Distribution by Year

Age Distribution	95/96	97/98	99/00	01/02
19 yrs. or less	26%	25%	27%	26%
20 yrs. to 24 yrs.	41%	40%	41%	42%
25 yrs. to 29 yrs.	17%	17%	15%	15%
30 yrs. to 34 yrs.	7%	8%	7%	8%
35 yrs. to 39 yrs.	4%	5%	5%	5%
40 yrs. to 44 yrs.	2%	3%	3%	3%
45 yrs. or greater	2%	2%	2%	1%
median age	22	22	22	22

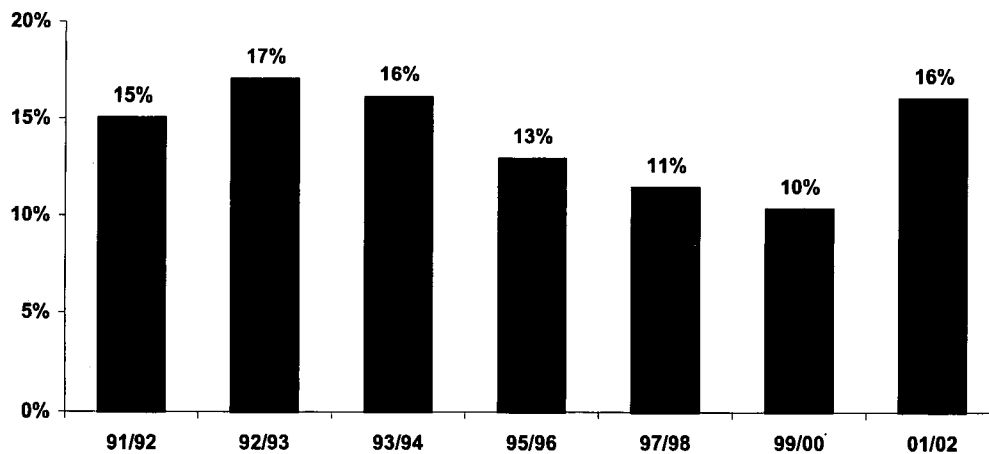
## Median Age by School

School	Median Age (01/02)
Business	22
Computing & Academic Studies	21
Construction\Environment	22
Electrical & Electronic Technology	21
Health Sciences	24
Manufacturing & Industrial Mech.	22
Transportation	21

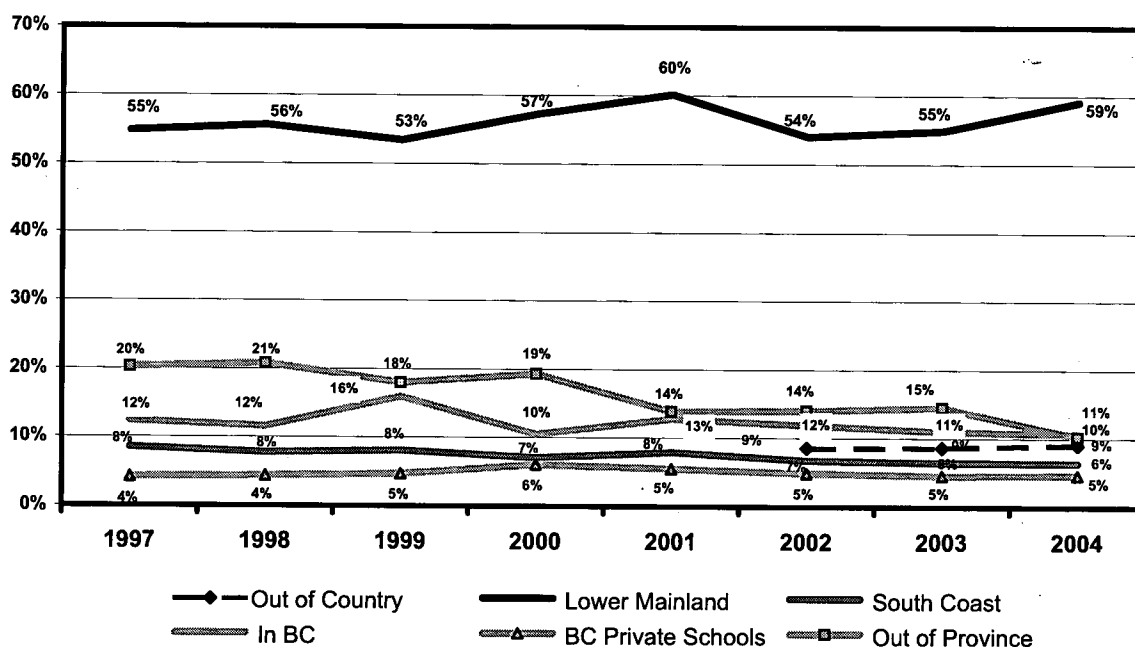
## Responsible For Dependents



## Students Entering BCIT Directly From High School



## School District Breakdown Where BCIT Students Attended High School



		Percent							
School Districts		1997	1998	1999	2000	2001	2002	2003	2004
Lower Mainland	Vancouver	13.0	11.1	10.7	11.7	13.0	11.0	11.0	11.0
	New West / Burnaby	6.9	7.1	6.4	6.4	6.9	6.0	5.8	6.9
	Surrey / White Rock	7.3	9.4	8.8	9.7	10.3	9.7	10.0	10.3
	Coquitlam, Port Coquitlam, Port Moody	6.8	6.6	6.3	6.3	6.5	6.0	6.6	7.9
	Richmond / Delta	8.8	8.3	8.8	9.3	9.3	8.4	8.9	9.5
	North Vancouver / West Vancouver	4.1	4.1	3.7	5.0	4.6	4.2	4.0	5.2
South Coast	Fraser Valley*	7.8	9.0	8.6	8.9	9.6	8.7	8.6	8.3
	Vancouver Island / Sunshine Coast	8.5	7.7	8.0	7.0	7.9	6.7	6.4	6.4
In BC	Okanagan, Thompson, Cariboo	5.7	5.4	7.2	4.4	5.7	5.3	4.9	4.4
	Kootenays	2.0	1.2	3.0	1.5	1.9	1.9	1.5	2.2
	Northern BC	4.6	4.9	5.9	4.6	5.2	4.7	4.6	4.1
	BC Private Schools	4.2	4.3	4.6	6.0	5.4	4.8	4.5	4.6
Out of Province		20.3	20.8	18.0	19.3	13.8	14.0	14.5	10.3
Out of Country							8.5	8.6	9.0

\* Fraser Valley = Langley, Maple Ridge, Mission, Abbotsford, Chilliwack, and Fraser-Cascade School Districts



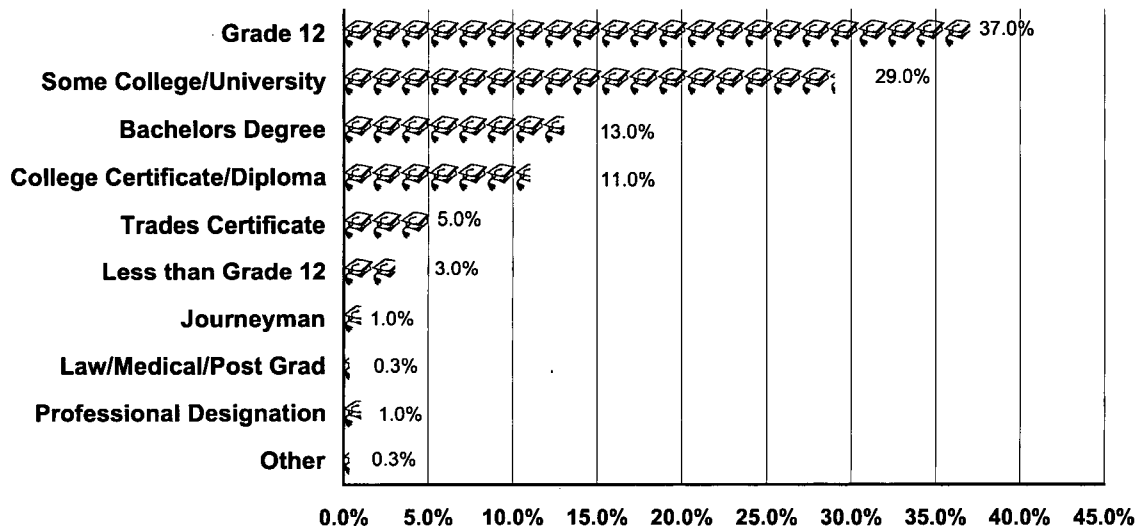
## Highest Level of Education Prior to Attending BCIT Students by School

	Less than Grade 12	Grade 12	Some College/University	College Certificate/Diploma	Trades Certificate	Journeyman	Professional Designation	Bachelors Degree	Law/Medical/Post Grad	Other
<b>Business</b>	1%	28%	36%	10%	2%	*	*	23%	*	*
<b>Computing &amp; Academic Studies</b>	*	36%	35%	15%	3%	1%	1%	9%	*	*
<b>Construction/Environment +</b>	5%	39%	29%	9%	7%	1%		10%	*	*
<b>Electrical &amp; Electronic Technology +</b>	3%	40%	25%	14%	8%	1%	*	7%	*	1%
<b>Health Sciences +</b>	*	14%	31%	13%	1%	2%	1%	37%	*	*
<b>Manufacturing &amp; Industrial Mechanical +</b>	4%	39%	30%	11%	5%	4%	*	8%	*	*
<b>Transportation +</b>	3%	52%	22%	8%	8%	2%	*	4%	*	1%
<b>BCIT Overall</b>	3%	37%	29%	11%	5%	1%	1%	13%	*	*

\* Less than 0.5%

+School re-structuring

## Highest Level of Prior Education for New BCIT Students



## Highest Level of Prior Education Summary

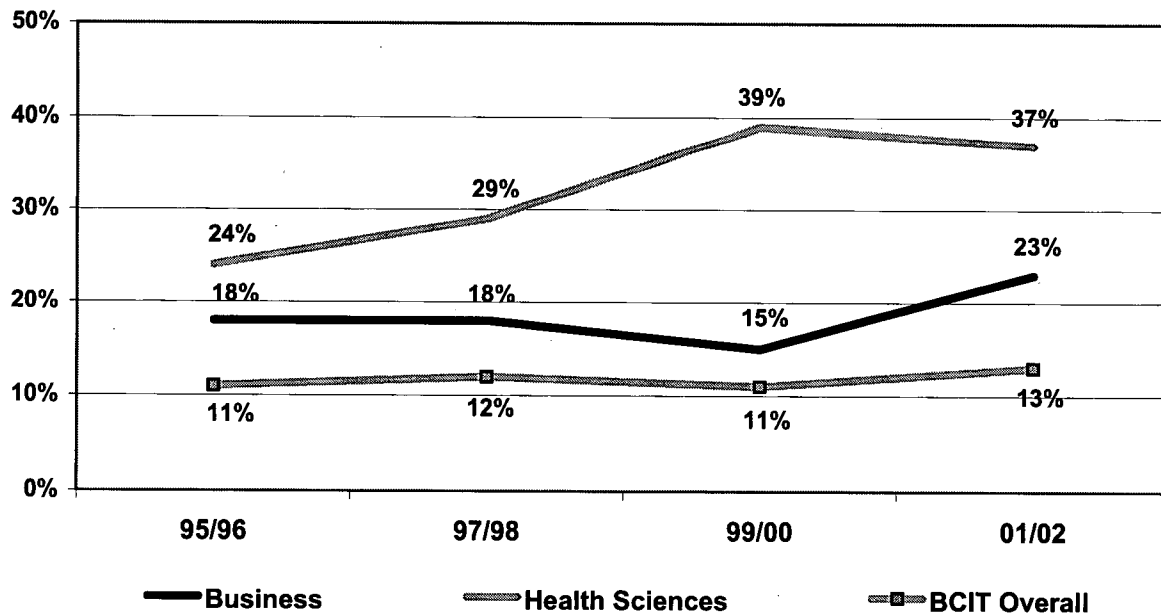
### Percentage of New BCIT Students with Degrees\* Full-time Students by School by Year

School	95/96	97/98	99/00	01/02
Business	18%	18%	15%	23%
Computing and Academic Studies	14%	17%	29%	9%
Construction/Environment <sup>†</sup>	10%	12%	6%	10%
Electrical and Electronic Technology	5%	6%	3%	7%
Health Sciences <sup>†</sup>	24%	29%	39%	37%
Manufacturing and Industrial Mechanical <sup>†</sup>	8%	10%	7%	8%
Transportation <sup>†</sup>	4%	3%	3%	4%
BCIT Overall	11%	12%	11%	13%

<sup>†</sup> School restructuring in 2002; data prior to 01/02 for these schools have been backfilled with the same grouping of programs

## BCIT Schools with Consistent Growth in Percentage of New Students with Degrees\*

### Percentage of New BCIT Students with Degrees\*



\* includes Bachelors, Graduate and Post Graduate Degrees

# **Section 3**

## **Historical Student Data**

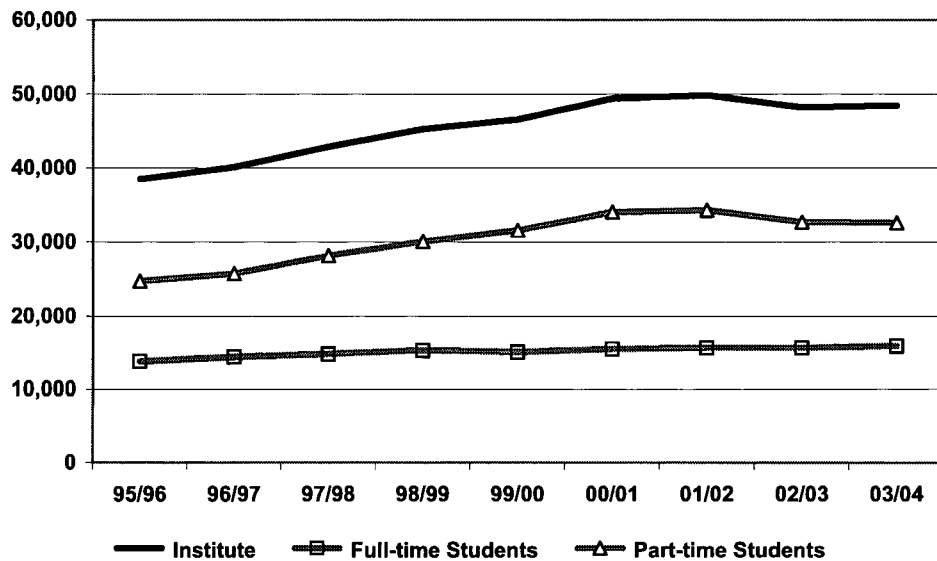
## BCIT Student Enrolment

### Full-time and Part-time Students

#### 1995/96 - 2003/04

	95/96	96/97	97/98	98/99	99/00	00/01	01/02	02/03	03/04
<b>Full-time Students:</b>									
Technology	4,768	5,102	5,240	5,374	5,325	5,291	5,318	5,336	5,305
Technology Degree	0	1	26	49	52	60	112	242	422
Vocational	3,636	4,148	4,525	4,865	4,970	5,422	5,768	5,562	5,483
Apprentice	5,373	5,125	4,952	4,940	4,674	4,623	4,378	4,424	4,642
<b>Full-time Students Institute Total</b>	<b>13,777</b>	<b>14,376</b>	<b>14,743</b>	<b>15,228</b>	<b>15,021</b>	<b>15,396</b>	<b>15,576</b>	<b>15,564</b>	<b>15,852</b>
<b>Part-time Students:</b>									
Certificate/Diploma/Undeclared	24,689	25,593	27,928	29,691	31,201	33,575	33,844	32,130	31,965
Declared Degree Students	1	114	196	311	314	417	435	512	612
<b>Part-time Students Institute Total</b>	<b>24,690</b>	<b>25,707</b>	<b>28,124</b>	<b>30,002</b>	<b>31,515</b>	<b>33,992</b>	<b>34,279</b>	<b>32,642</b>	<b>32,577</b>
<b>Institute Total</b>	<b>38,467</b>	<b>40,083</b>	<b>42,867</b>	<b>45,230</b>	<b>46,536</b>	<b>49,388</b>	<b>49,855</b>	<b>48,206</b>	<b>48,429</b>

### BCIT Enrolment Summary





## Part-time Enrolment by School, Delivery and Year

All enrolment data on this page represent an unduplicated headcount of student activity at the level being reported. The possibility of cross-activity, for instance the same student taking one Traditional Delivery business course, one Distance Education business course, and one DE Computing course, all in the same year, means that the enrolment counts are not additive.

	95/96	96/97	97/98	98/99	99/00	00/01	01/02	02/03	03/04
<b>Total Institute Part-time Enrolment</b>	<b>24,690</b>	<b>25,707</b>	<b>28,124</b>	<b>30,002</b>	<b>31,515</b>	<b>33,992</b>	<b>34,279</b>	<b>32,642</b>	<b>32,577</b>
Traditional Delivery (Institute)	23,274	23,108	24,954	26,230	27,943	30,000	29,814	28,555	28,095
Distance Education (Institute)	1,698	3,477	3,879	4,718	4,939	5,634	6,147	5,740	6,278
<b>Business</b>	<b>10,145</b>	<b>10,571</b>	<b>11,798</b>	<b>12,680</b>	<b>13,564</b>	<b>14,991</b>	<b>14,777</b>	<b>14,101</b>	<b>13,768</b>
Traditional Delivery	9,752	10,234	11,330	12,002	12,686	13,808	13,615	12,809	12,448
Distance Education	535	486	682	940	1,282	1,687	1,800	1,775	1,888
<b>Computing &amp; Academic Studies</b>	<b>4,158</b>	<b>4,602</b>	<b>5,581</b>	<b>6,450</b>	<b>7,244</b>	<b>8,643</b>	<b>7,950</b>	<b>7,285</b>	<b>7,156</b>
Traditional Delivery	4,075	4,503	5,506	6,360	7,104	8,425	7,693	7,000	6,739
Distance Education	96	108	91	115	211	333	370	480	713
<b>Construction/Environment *</b>				<b>2,337</b>	<b>2,328</b>	<b>1,901</b>	<b>2,133</b>	<b>4,141</b>	<b>4,753</b>
Traditional Delivery				2,287	2,283	1,865	2,089	3,636	4,164
Distance Education				60	56	37	47	559	646
<b>Electrical &amp; Electronic Technology*</b>	<b>1,495</b>	<b>1,428</b>	<b>1,328</b>	<b>1,429</b>	<b>1,414</b>	<b>1,635</b>	<b>1,872</b>	<b>1,707</b>	
Traditional Delivery	1,495	1,428	1,328	1,429	1,414	1,621	1,872	1,704	
Distance Education						14		3	
<b>Health Sciences *</b>	<b>2,477</b>	<b>2,459</b>	<b>2,234</b>	<b>2,510</b>	<b>2,722</b>	<b>3,291</b>	<b>3,533</b>	<b>3,428</b>	<b>3,550</b>
Traditional Delivery	2,477	1,483	725	980	1,313	1,636	1,604	1,572	1,689
Distance Education		1,556	1,821	1,924	1,979	2,309	2,604	2,321	2,270
<b>Manufacturing, Electronic &amp; Industrial Mechanical *</b>				<b>3,050</b>	<b>2,726</b>	<b>2,830</b>	<b>2,659</b>	<b>2,635</b>	<b>3,740</b>
Traditional Delivery				2,247	2,127	2,190	2,050	1,935	3,168
Distance Education				813	606	646	618	708	576
<b>Process, Energy &amp; Natural Resources *</b>				<b>2,174</b>	<b>2,216</b>	<b>1,847</b>	<b>2,088</b>		
Traditional Delivery				1,251	1,363	1,212	1,216		
Distance Education				957	905	738	938		
<b>Transportation *</b>				<b>1,774</b>	<b>1,838</b>	<b>1,788</b>	<b>1,715</b>	<b>2,146</b>	<b>2,246</b>
Traditional Delivery				1,774	1,838	1,788	1,715	2,017	2,091
Distance Education								155	195
<b>Engineering</b>	<b>4,577</b>	<b>4,531</b>	<b>4,607</b>						
Traditional Delivery	4,078	3,909	3,917						
Distance Education	557	670	735						
<b>Trades Training</b>	<b>3,359</b>	<b>3,770</b>	<b>4,454</b>						
Traditional Delivery	2,845	3,112	3,849						
Distance Education	521	672	625						
<b>Other</b>	<b>146</b>	<b>149</b>	<b>243</b>	<b>279</b>	<b>333</b>	<b>463</b>	<b>1,083</b>	<b>755</b>	<b>830</b>
Traditional Delivery	146	149	243	279	333	459	1,072	734	501
Distance Education						5	11	21	329

\* School restructuring

## Part-time Registrations Technology and Vocational Courses by School, Delivery and Year

School:	95/96	96/97	97/98	98/99	99/00	00/01	01/02	02/03	03/04
<b>Business</b>	<b>18,518</b>	<b>20,082</b>	<b>23,131</b>	<b>25,713</b>	<b>28,785</b>	<b>34,770</b>	<b>36,134</b>	<b>32,818</b>	<b>33,229</b>
Traditional Delivery	17,828	19,486	22,322	24,527	27,028	32,129	33,384	30,178	30,528
Distance Education	690	596	809	1,186	1,757	2,641	2,750	2,640	2,701
<b>Computing &amp; Academic Studies</b>	<b>6,539</b>	<b>7,371</b>	<b>9,202</b>	<b>13,455</b>	<b>16,718</b>	<b>18,129</b>	<b>16,037</b>	<b>13,801</b>	<b>13,245</b>
Traditional Delivery	6,433	7,250	9,087	13,328	16,489	17,755	15,625	13,214	12,326
Distance Education	106	121	115	127	229	374	412	587	919
<b>Construction/Environment *</b>				<b>4,696</b>	<b>4,622</b>	<b>3,926</b>	<b>4,817</b>	<b>10,928</b>	<b>11,473</b>
Traditional Delivery				4,633	4,566	3,889	4,770	10,154	10,536
Distance Education				63	56	37	47	774	937
<b>Electrical &amp; Electronic Technology*</b>	<b>1,761</b>	<b>1,771</b>	<b>1,661</b>	<b>1,698</b>	<b>1,682</b>	<b>2,025</b>	<b>2,660</b>	<b>2,679</b>	
Traditional Delivery	1,761	1,771	1,661	1,698	1,682	2,010	2,660	2,676	
Distance Education						15		3	
<b>Health Sciences *</b>	<b>4,633</b>	<b>4,591</b>	<b>4,361</b>	<b>4,845</b>	<b>5,890</b>	<b>7,053</b>	<b>7,985</b>	<b>7,153</b>	<b>7,052</b>
Traditional Delivery	4,633	2,282	1,183	1,579	2,288	2,804	3,061	2,645	2,751
Distance Education		2,309	3,178	3,266	3,602	4,249	4,924	4,508	4,301
<b>Manufacturing, Electronics &amp; Industrial Mechanical *</b>				<b>5,211</b>	<b>4,370</b>	<b>4,533</b>	<b>4,065</b>	<b>4,034</b>	<b>5,806</b>
Traditional Delivery				3,254	3,201	3,300	2,997	2,878	4,852
Distance Education				1,957	1,169	1,233	1,068	1,156	954
<b>Process, Energy &amp; Natural Resources*</b>				<b>3,533</b>	<b>3,401</b>	<b>3,255</b>	<b>3,873</b>		
Traditional Delivery				2,163	2,076	2,144	2,249		
Distance Education				1,370	1,325	1,111	1,624		
<b>Transportation *</b>				<b>2,414</b>	<b>2,287</b>	<b>2,440</b>	<b>2,422</b>	<b>3,023</b>	<b>3,268</b>
Traditional Delivery				2,414	2,287	2,440	2,422	2,774	2,942
Distance Education								249	326
<b>Engineering</b>	<b>6,946</b>	<b>9,221</b>	<b>8,586</b>						
Traditional Delivery	6,181	8,240	7,426						
Distance Education	765	981	1,160						
<b>Trades Training</b>	<b>4,237</b>	<b>6,088</b>	<b>6,133</b>						
Traditional Delivery	3,262	4,858	5,026						
Distance Education	975	1,230	1,107						
<b>Other</b>	<b>146</b>	<b>149</b>	<b>246</b>	<b>287</b>	<b>350</b>	<b>473</b>	<b>1,145</b>	<b>825</b>	<b>986</b>
Traditional Delivery	146	149	246	287	350	468	1,134	804	649
Distance Education						5	11	21	337
<b>Totals</b>	<b>42,780</b>	<b>49,273</b>	<b>53,320</b>	<b>61,852</b>	<b>68,105</b>	<b>76,604</b>	<b>79,138</b>	<b>75,261</b>	<b>74,944</b>
Traditional Delivery	40,244	44,036	46,951	53,883	59,967	66,939	68,302	65,323	64,461
Distance Education	2,536	5,237	6,369	7,969	8,138	9,665	10,836	9,938	10,483

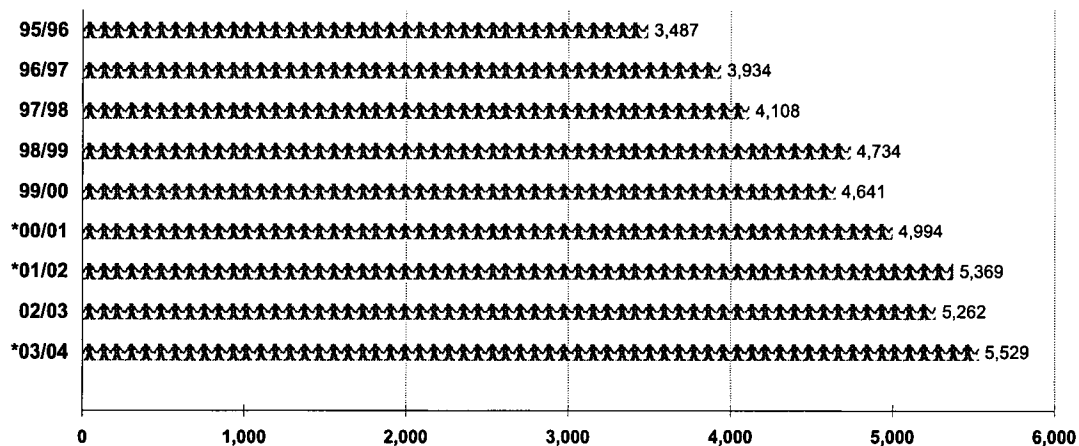
\* School restructuring

# **Section 4**

## **Graduate Data**

## Graduate Data By Credential Type

<b>GRADUATES</b>	<b>00/01</b>	<b>01/02</b>	<b>02/03</b>	<b>03/04</b>
Bachelor of Business Administration				53
Bachelor of Technology	111	123	188	222
Advanced Diploma of Technology	44	61	62	49
Diploma of Technology	1,850	1,903	1,859	1,925
Certificate of Technology	797	996	763	895
Associate Certificate of Technology	440	523	443	420
Diploma of Technical Studies/Trades Training	330	299	351	488
Certificate of Technical Studies	1,393	1,411	1,516	1,409
Assoc. Cert. of Technical Studies/Trades	29	53	80	68
<b>TOTAL GRADUATES</b>	<b>4,994</b>	<b>5,369</b>	<b>5,262</b>	<b>5,529</b>



\* Year '00/01-01/02 - REVISED

## GRADUATE DATA TECHNOLOGY PROGRAMS

MAJOR DESCRIPTION	2003/2004						FEMALE		MALE		***** TOTAL *****		
	BBA	BTECH	ADIP	DIP	CERT	ACERT	03/04	03/04	03/04	03/04	03/04	02/03	01/02
<b>BUSINESS</b>													
Accounting Degree	49						30	19	49	40	32		
Administrative Studies				15			9	6	15	18	27		
App Op Mgt-Materials Mgmt												1	
Applied Operation Mgmt											1		
Broadcast & Media - Journalism			41	8			28	21	49	39	40		
Broadcast & Media - Radio			39	1			22	18	40	36	36		
Broadcast & Media - Television			41	2			16	27	43	40	40		
Business Administration			43				23	20	43	42	47		
Business Administration Degree	53						34	19	53				
Business Management Studies						61	26	35	61	42	32		
Call Centre Marketing													
Degree Completion - ASTB				57			28	29	57		5		
Design Essentials				23			17	6	23				
Desktop Publishing					8		7	1	8	21	26		
Digital Animation				16			4	12	16	23	20		
E-business				1	5		4	2	6				
Electronic Commerce				7	3		7	3	10	19	27		
Event Marketing					6		5	1	6	10	6		
Fin Mgt - Accounting													
Fin Mgt - Advanced Accounting			44				22	22	44	49	41		
Fin Mgt - Corporate Finance			52				21	31	52	49	56		
Fin Mgt - Finance				12			8	4	12	8	10		
Fin Mgt - Financial Planning			35		46		36	45	81	97	72		
Fin Mgt - Microfinancial Systems			37				27	10	37	22	30		
Fin Mgt - Professional Accounting			83	42			89	36	125	120	106		
Fin Mgt - Taxation			22				17	5	22	23	16		
Financial Management											1		
Fundraising Management						10	9	1	10	8	4		
Human Resource Management			41	99			114	26	140	122	114		
Information Technology Mgmt			50				24	26	50	53	36		
Integrated Management Studies			16				7	9	16	37	39		
International Management					1		1		1		4		
Intl Trade & Trans Logistics				4			2	2	4				
Intl Trade & Transportation			45	4			20	29	49	52	44		
Leadership				1	16		8	9	17	13	15		
Management Degree	9						2	7	9	2	4		
Management Health Specialty	1						1		1	1			
Management Systems			4	44			28	20	48	44	53		
Marketing Management			1	26			18	9	27	17	21		
Media Tech & Marketing Comm				7			7		7	4	6		
Media Techniques for Business				1				1	1	2	4		
Mediation					3		1	2	3	2	6		
Medical Office Assistant						43	41	2	43	46	21		
Mktg Mgt - Entrepreneurship			46	2			17	31	48	48	52		
Mktg Mgt-Commercial Real Estate			23				8	15	23	16	21		
Mktg Mgt-Communic/Direct Resp			22				15	7	22	19	19		
Mktg Mgt-Communication/General			42				32	10	42	39	39		
Mktg Mgt-Customer Relationship Mktg					4			4	4	3	4		
Mktg Mgt-Customer Service					1		1		1	2	1		
Mktg Mgt-Event Marketing						16	14	2	16	1			
Mktg Mgt-Mktg Communication				37	16		45	8	53	50	47		
Mktg Mgt-Professional Sales			76	7			43	40	83	72	77		



# GRADUATE DATA TECHNOLOGY PROGRAMS

BCIT Facts and Figures 2004 (Revised)  
Page 4-3

MAJOR DESCRIPTION	2003/2004						FEMALE	MALE	***** TOTAL *****			
	BBA	BTECH	ADIP	DIP	CERT	ACERT	03/04	03/04	03/04	02/03	01/02	00/01
<b>BUSINESS</b>												
Mktg Mgt-Public Relations			1		19		18	2	20	2		
Mktg Mgt-Sales Skills					2		2		2	2	4	1
Mktg Mgt-Small Bus/Entrepren					2		1	1	2		3	49
Mktg Mgt-Tech Sales/Pro Sales					7		3	4	7			3
Mktg Mgt-Tech Sales/Sm Bus Dev			1					1	1	1		
Mktg Mgt-Tourism Mgmt			50		3		42	11	53	55	51	57
New Media Design & Technology											1	
New Media Design CDROM/Web Dev					49		14	35	49	81	89	28
Op Mgmt - Facilities Management					2		1	1	2	2	1	1
Op Mgmt - Industrial Engineer					2			2	2	2	2	1
Op Mgmt - Industrial Management					2			2	2			
Op Mgmt - Management Engineer					4		2	2	4	1		2
Op Mgmt - Materials Management					4			4	4	4	1	2
Op Mgmt - Quality Management					3		1	2	3	2	3	3
Operations Management			45				14	31	45	24	31	37
Organizational Change					3		2	1	3		1	
Police Supervision					1			1	1			2
Professional Editing										1		
Public Relations					4		3	1	4	8	13	7
Tourism												2
Web Technologies					19		7	12	19	26	26	12
<b>TOTAL</b>	<b>53</b>	<b>59</b>	<b>900</b>	<b>489</b>	<b>292</b>		<b>1048</b>	<b>745</b>	<b>1793</b>	<b>1563</b>	<b>1528</b>	<b>1417</b>

## COMPUTING AND ACADEMIC STUDIES

Comp Sys-Appl Artificial Intel										2	15	
Comp Sys-Client Server			21				7	14	21	20	18	20
Comp Sys-Data Comm Systems			16					16	16	22	15	20
Comp Sys-Database Option			15				4	11	15	33	38	14
Comp Sys-Digital Processing			19					19	19	3	15	7
Comp Sys-Embedded Systems			14					14	14	13		
Comp Sys-Information Systems			25				5	20	25	31	41	24
Comp Sys-Introd Comp Info Sys			34				9	25	34	23	41	18
Comp Sys-Introductory Program					24		6	18	24	42	47	28
Comp Sys-LAN Administration										4	24	32
Comp Sys-Office Comp Skill					7		3	4	7	3	6	1
Comp Sys-Small Systems Arch			1				1		1	1	17	8
Comp Sys-Sys Integration			18				2	16	18	13		
Comp Sys-Technical Programming			14					14	14	16	20	21
Computer Systems Foundations					4		2	2	4	4	20	16
Computer System			6	7			1	12	13	17	30	20
Computer Systems Degree		39					6	33	39	31	17	13
Database Administration					1			1	1			
E-Bus Internet Programmer										2		
Forensic Inv- Economic		2					1	1	2			
Forensic Science Technology												1
Forensic-Comp & Commercl Crime			2					2	2	1	3	7
Forensic-Computer Crime			1				1		1			
Forensic-Esstls of Criminalist			2				2		2			
Forensic-For Science Studies			15				9	6	15	4	12	20
Information Tech Professional			17				3	14	17	25	96	76
Introductory Programming					2			2	2			
Java Programming					9			9	9	3	3	
LAN/WAN Administration			13				3	10	13	15	3	
Multimedia Software Development										10	34	35
Network Administration LAN/WAN					1			1	1			
Network Integration Specialist												27
Network Specialist			10					10	10	9	31	

## GRADUATE DATA TECHNOLOGY PROGRAMS

MAJOR DESCRIPTION	2003/2004					FEMALE MALE		***** TOTAL *****			
	BTECH	ADIP	DIP	CERT	ACERT	03/04	03/04	03/04	02/03	01/02	00/01
<b>COMPUTING AND ACADEMIC STUDIES</b>											
Office Admin with Technology				21		18	3	21	15		
Professional Web Developer								39	13		
Software Development									1	2	
Software Sys Dev Client/Server									37		
Software Sys Dev-Web Appl Dev								18	44		
Software Systems Developer				38		4	34	38	18	1	
Software Systems Development											59
Technology Support Professional				18		1	17	18	22	29	
Web Programming					5	2	3	5	2		
Web Project Management					2	1	1	2			
<b>TOTAL</b>	<b>41</b>		<b>183</b>	<b>131</b>	<b>68</b>	<b>91</b>	<b>332</b>	<b>423</b>	<b>459</b>	<b>658</b>	<b>484</b>
<b>CONSTRUCTION/ENVIRONMENT</b>											
Architect & Building Eng Tech			80	2		22	60	82	86	1	
Building - Architect/Economics											3
Building - Building Science			2				2	2		30	10
Building - Economics											1
Building - Science/Economics										30	38
Building- Architectural Option									5	7	6
Building Construction Tech					7	1	6	7	4	14	10
Building Design & Arch CAD					10	5	5	10			1
Building Engineering Tech											4
Building-Econ/Construct Oper									1	27	22
Civil & Structural											1
Civil & Structural Eng Tech				53	1	8	46	54	65	58	46
Construction Management Degree	6						6	6	1	2	
Construction Supervision					4		4	4		9	6
Development Approvals											2
Environment Engineering Tech Degree	13					1	12	13	11	10	8
Environmental Eng Technician										1	
Forest Engineering Technology					2		2	2	1	2	
Forest Resource Technician				16		4	12	16	13	9	8
Geographic Info Systems			37			15	22	37	40	35	39
Geomatics			2	1		1	2	3	2	2	32
Geomatics Degree									1	1	1
Geomatics Eng- Digital Mapping			6			1	5	6			
Geomatics Eng- Survey			25			2	23	25			
Geomatics Engineering Tech			2				2	2	24	30	
Interior Design				81		68	13	81	68	57	82
Park Facil Maint Mgmt & Inspec					1		1	1		3	
Park Mgmt, Safety & Security					2		2	2			1
Renew Res - Forestry			25			8	17	25	13	26	46
Renew Res-Fish Wildlife & Rec			29			14	15	29	24	25	31
Renewable Resource Management									10	19	
Transportation Systems (Hwys)			1			1		1	2		1
Transys Geotechnical									1		
Transys Subdiv, Planning & Devl											1
Transys Survey										1	
<b>TOTAL</b>	<b>19</b>	<b>37</b>	<b>225</b>	<b>101</b>	<b>26</b>	<b>151</b>	<b>257</b>	<b>408</b>	<b>372</b>	<b>399</b>	<b>400</b>

# GRADUATE DATA TECHNOLOGY PROGRAMS

BCIT Facts and Figures 2004 (Revised)  
Page 4-5

MAJOR DESCRIPTION	2003/2004					FEMALE MALE		***** TOTAL *****			
	BTECH	ADIP	DIP	CERT	ACERT	03/04	03/04	03/04	02/03	01/02	00/01
<b>HEALTH SCIENCES</b>											
Adult Echocardiography				3		2	1	3	4	2	2
Biomedical Engineering		17				6	11	17	23	18	15
Biotechnology	15					9	6	15	19	22	26
Cardiology Technology		12	24			30	6	36	3	31	13
Cardiovascular Technology									3	5	5
Clinical Genetics		8				6	2	8	9	6	7
Clinical Research		1				1		1	4	1	
Computed Tomography		6				5	1	6	2	5	3
Critical Care Nursing Spec		11				11		11	9	17	18
Critical Care/Emerg Nurs Spec		5				5		5	4	4	5
Diagnostic Medical Sonography		13				13		13	16	12	9
Electroneurophysiology		9				7	2	9	1	6	1
Emergency Nursing Specialty		38				35	3	38	27	47	46
Emergency/Critical Care Nursing		2				2		2	4	6	9
Environmental Health Degree	19					10	9	19	14	16	21
Food Safety					1	1		1	1	2	
Food Technology		20				14	6	20	17	21	13
Health Administration BCIT/UBC		3				3		3	4	7	11
Health Care Mgmt Level 1		5				5		5	5	7	12
Health Care Mgmt Level 2		1				1		1	1	4	1
Health Care Quality Mgmt		3				3		3			
HITM- Health Informatics		3				3		3			
Magnetic Resonance Imaging		19				12	7	19	12	29	22
Med Lab- Professional Quality			8			6	2	8			
Medical Imaging	3					2	1	3			2
Medical Laboratory Science		28				24	4	28	32	32	
Medical Radiography		43				33	10	43	33	32	29
Neonatal Nursing Specialty		6				5	1	6	6	11	7
Nephrology Nursing Specialty		3				2	1	3	7	6	7
Nuclear Medicine		16				12	4	16	11	14	14
Nursing		33				29	4	33	77	61	70
Nursing Degree	19					19		19	24	8	
Occupational Health & Safety		46				18	28	46	46	55	43
Occupational Health Nursing									1		
Occupational Hlth Nurs Spec		7				7		7	3		3
Pediatric Critical Care Nursing									1	1	
Pediatric Nursing Specialty		3				3		3	3	6	4
Perinatal Nursing Specialty		19				18	1	19	18	15	25
Perioperative Nursing		4				4		4	7	9	12
Perioperative/PARR Nursing											1
Prosthetics & Orthotics		9				5	4	9	1	7	
Radiation Therapy		12				10	2	12	12		
Specialty Nursing Degree	38					34	4	38	57	28	33
<b>TOTAL</b>	<b>94</b>	<b>12</b>	<b>254</b>	<b>174</b>	<b>1</b>	<b>415</b>	<b>120</b>	<b>535</b>	<b>521</b>	<b>553</b>	<b>489</b>

## GRADUATE DATA TECHNOLOGY PROGRAMS

MAJOR DESCRIPTION	2003/2004						FEMALE		MALE		***** TOTAL *****			
	BBA	BTECH	ADIP	DIP	CERT	ACERT	03/04	03/04	03/04	03/04	03/04	02/03	01/02	00/01
<b>MANUFACTURING, ELECTRONICS AND INDUSTRIAL PROCESSES</b>														
CAD Programming				11			3	8			11	9	10	9
Chemical Sciences				35			19	16			35	29	28	33
Comp Aided Manufacturing Tech					1		1				1		1	2
Computer Aided Design					9		1	8			9	23	43	31
Elec Power and Ind Control				4				4			4			
Elec-Automatn/Instrumentation				35			7	28			35	41	36	30
Elec-Computer Control				38			1	37			38	22	35	49
Elec-Elec Power & Indust Ctrl				25			1	24			25	20		
Electronic - Power												2	22	6
Electronic Engineering Tech													1	
Electronic-Telecommunications												24	68	68
Elec-Wireless Comm & Comp Ntw				33			5	28			33	25		
Fire Protection Inspect & Test					3			3			3	7	8	3
Manufacturing Degree		4						4			4	1		
Mechanical - CAD/CAM												10	14	14
Mechanical - Design				34			5	29			34	42	41	30
Mechanical - Manufacturing				10			1	9			10	13	19	26
Mechanical Eng- Mech Systems				10			6	4			10			
Mechanical- Mechanical Systems				23			2	21			23	17	16	10
Mechanical Sys - Air Cond Sys														1
Mechanical Sys - Plumbing												1		1
Mechanical-Design (Computing)				12				12			12	9		
Mining				8			1	7			8	5	5	6
Petroleum & Natural Gas				7				7			7	6	8	9
Plastics				1		2	1	2			3		1	13
Plastics Engineering Tech				13			2	11			13	10	14	
Robotics - Electro-Mechanics													9	1
Robotics and Automation				18			2	16			18	19		21
Technology Teacher Education				39			3	36			39	42	44	38
Wood Products Manufacturing				7				7			7	3	4	5
<b>TOTAL</b>	<b>4</b>			<b>363</b>		<b>15</b>	<b>61</b>	<b>321</b>			<b>382</b>	<b>246</b>	<b>265</b>	<b>253</b>
<b>TRANSPORTATION</b>														
Technology Management Degree		5					2	3			5	5	5	4
Technology Mgmt - Engineering													6	3
<b>TOTAL</b>		<b>5</b>					<b>2</b>	<b>3</b>			<b>5</b>	<b>5</b>	<b>11</b>	<b>7</b>
<b>TECHNOLOGY CENTRE</b>														
Venture Program						18		11	7		18	15	30	39
<b>TOTAL</b>						<b>18</b>		<b>11</b>	<b>7</b>		<b>18</b>	<b>15</b>	<b>30</b>	<b>39</b>
<b>GRAND TOTAL</b>	<b>53</b>	<b>222</b>	<b>49</b>	<b>1925</b>	<b>895</b>	<b>420</b>	<b>1779</b>	<b>1785</b>			<b>3564</b>	<b>3315</b>	<b>3606</b>	<b>3242</b>



# GRADUATE DATA VOCATIONAL PROGRAMS

BCIT Facts and Figures 2004 (Revised)  
Page 4-7

MAJOR DESCRIPTION	2003/2004		FEMALE	MALE	***** TOTAL *****					
	BTECH	DIP	CERT	ACERT	03/04	03/04	03/04	02/03	01/02	00/01
BCIT INTERNATIONAL										
Ind Mining Main Mechanic-Chile							34			
CONSTRUCTION/ENVIRONMENT										
Architectural Drafting	16				6	10	16	18	15	16
Automated Woodworking Process		5				5	5			
Boilermaker ELTT	5					5	5	19	24	30
Carpentry ELTT	70				5	65	70	65	61	46
Drafting - Civil & Municipal	16				3	13	16	16	16	17
Drafting - Mechanical	16				2	14	16	16	13	14
Drafting - Structural	19				4	15	19	19	16	16
Electricity & Ind Elect-ELTT	126				6	120	126	128	104	116
Ironworker ELTT	14					14	14	22	41	33
Joinery ELTT	71				17	54	71	52	31	32
Painting and Decorating	25				10	15	25	15	30	25
Piping ELTT	89				1	88	89			
Plumbing ELTT								42	36	35
Refrigeration Mechanic ELTT	15				1	14	15			
Security Systems Tech	39					39	39	36	32	
Sheet Metal ELTT	29				1	28	29	24	23	19
Steamfitting ELTT								3	4	2
Steel Fabrication ELTT	33				1	32	33	15	18	22
Welding Level A	11					11	11	20	26	9
Welding Level B	40				2	38	40	51	35	30
Welding Level C	80				5	75	80	94	77	86
TOTAL	714	5			64	655	719	655	602	548

## MANUFACTURING, ELECTRONICS AND INDUSTRIAL PROCESSES

CNC Machinist Operator								15	14	
Computer Systems Service Tech	67				1	66	67	116	70	67
Computer/Business Equip Techn	11					11	11	16	16	23
Electronics Tech Common Core	154				10	144	154	157	136	140
HVACR Technician	6					6	6	9	8	8
Indust Instrmt Service Tech	14					14	14	16	13	13
Industrial Maintenance Mech	13				2	11	13		14	11
Internet Professional Tech	27				4	23	27	9		
Machinist CORE	17				1	16	17	14	24	20
Machinist ELTT	1					1	1	1		12
Machinist/CNC	13					13	13	14	3	20
Millwright ELTT	13					13	13	15	15	27
Network Adm Tech Unix/Linux		11			1	10	11	16		
Network Adm Tech-Microsoft		25			5	20	25	18	2	
Network Administrator Tech		2				2	2	4	14	
Network Professional Tech	45				2	43	45	19	20	20

# GRADUATE DATA VOCATIONAL PROGRAMS

MAJOR DESCRIPTION	2003/2004				FEMALE	MALE	***** TOTAL *****			
	BTECH	DIP	CERT	ACERT	03/04	03/04	03/04	02/03	01/02	00/01
<b>MANUFACTURING, ELECTRONICS AND INDUSTRIAL PROCESSES</b>										
Power and Process Engineering	15				15		15	18	20	15
Power Engineering - 1st Class		4			4		4	2	1	
Power Engineering - 2nd Class		8			8		8	1	4	6
Power Engineering - 3rd Class		4			4		4	5	5	10
Power Engineering - 4th Class		91			8	83	91	73	102	87
Power Engineering - General		28			2	26	28	28	32	24
Power Engineering Gen Chetwynd		9			1	8	9	16		
Power Engineering Technical		30			1	29	30	29	31	26
Refrigeration Mechanic ELTT		14			1	13	14	12	15	11
Telecommunications Technician	51				1	50	51	52	41	38
Tool and Die								4		
Tool and Die Technician	10				10		10		8	
Wireless Communications Tech	14				14		14	13	14	
<b>TOTAL</b>	<b>219</b>	<b>440</b>	<b>38</b>		<b>40</b>	<b>657</b>	<b>697</b>	<b>677</b>	<b>623</b>	<b>592</b>
<b>TRANSPORTATION</b>										
Aero Structures Manufacturing										3
Aircraft Electronics(Avionics)								5	19	28
Aircraft Gas Turbine	26				26		26	28	36	35
Aircraft Interior Technician								16	15	30
Aircraft Main Eng Cat E-Avion	31				4	27	31	29		
Aircraft Maintenance Eng Cat S		57			3	54	57	70	16	
Aircraft Maintenance Eng-Cat M	96				4	92	96	109	87	107
Aircraft Mech Component Tech		14			1	13	14	12	16	16
Aircraft Mnt Eng- Cat M Int'l	9					9	9			
Aircraft Structures Manufacturing			1		1		1	7	21	12
Aircraft Structures Technician									41	59
Airline & Flight Ops- Com Pilot	21				1	20	21			
Airport Operations	15				4	11	15	3	6	
Auto Electronics Technician		8				8	8	12	20	20
Auto Mech ELTT- Volkswagon		15				15	15			
Auto Mech ELTT-Toyota T-TEP		12				12	12	11	9	14
Automotive Collision Refinish	6				1	5	6	6	10	13
Automotive Collision Repair	12					12	12	15	4	10
Automotive Mechanics ELTT	50				4	46	50	68	66	83
Automotive Service Technician	18					18	18	14	17	19
Commercial Transport ELTT		15				15	15	26	12	30
Diesel Engine Electronic Tech			11			11	11	33	30	29
Diesel Mechanics ELTT		15			2	13	15	15	11	1
Heavy Duty Mechanics ELTT		39			2	37	39	30	39	36
Inboard/Outboard Mech ELTT		15			3	12	15	10	9	6
Motorcycle Mechanics ELTT		19			6	13	19	23	27	20
Nautical Sciences	11				2	9	11			
Power Equipment Mech - Kelowna								13	13	
Power Equipment Mechanic ELTT		20				20	20	21	12	10
Shipping and Marine Operations									2	
Warehouse/Person/Equipment Op				13		13	13	5		
<b>TOTAL</b>	<b>269</b>	<b>255</b>	<b>25</b>		<b>37</b>	<b>512</b>	<b>549</b>	<b>542</b>	<b>511</b>	<b>571</b>
<b>GRAND TOTAL</b>	<b>488</b>	<b>1409</b>	<b>68</b>		<b>141</b>	<b>1824</b>	<b>1965</b>	<b>1947</b>	<b>1763</b>	<b>1752</b>

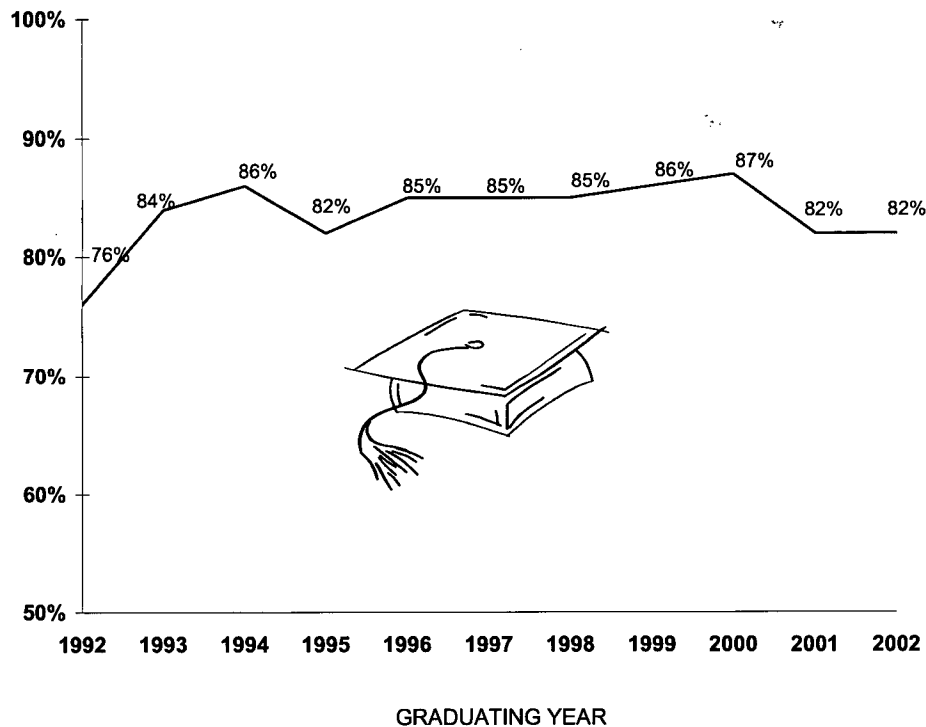
## Graduate Outcomes Employment Rates Technology and Vocational Programs 1992 - 2002

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Number Surveyed*	2,575	2,510	2,410	2,808	3,525	3,815	3,622	3,835	4,327	4,508	4,993
Response Rate	62%	71%	78%	72%	69%	62%	57%	61%	64%	58%	59%
% Now Employed	76%	84%	86%	82%	85%	85%	85%	86%	87%	82%	82%
% Unemployed & Seeking Work	14%	8%	7%	8%	7%	9%	10%	8%	8%	10%	10%

Note: Outcomes survey includes graduates of Certificate programs since 1996 graduates

\* Number surveyed does not equal number graduated due to survey criteria

### Percentage of Graduates Employed Related and Other Employment





# 2001-2003 Graduate Outcomes Survey Summary

Program	Survey Cohort		Employment Status (all respondents)					Of those in training-related work	
	Number Surveyed ('01-'03)	Response Rate	% in Related Job	% in Other Employment	% Unemployed	% Studying	% Other	Full-time Monthly Salary*	Employed Within 2 Months**
<b>All Graduates</b>	<b>13,828</b>	<b>60%</b>	<b>68%</b>	<b>16%</b>	<b>8%</b>	<b>6%</b>	<b>2%</b>	<b>\$3,150</b>	<b>84%</b>
<b>School of Business</b>	<b>3,859</b>	<b>61%</b>	<b>73%</b>	<b>14%</b>	<b>7%</b>	<b>4%</b>	<b>2%</b>	<b>\$2,900</b>	<b>84%</b>
<b>Bachelor of Technology Programs</b>									
Accounting	71	55%	91%	3%	0%	3%	3%	\$3,750	80%
<b>Diploma Programs</b>									
Broadcast & Media Comm. (All Options):	299	61%	76%	15%	7%	0%	2%	\$2,450	88%
Broadcast & Media Comm. - Journalism	100	54%	82%	9%	7%	0%	2%	\$2,700	95%
Broadcast & Media Comm. - Radio	100	65%	74%	18%	8%	0%	0%	\$1,900	82%
Broadcast & Media Comm. - Television	99	63%	73%	18%	6%	0%	3%	\$2,500	86%
Financial Management (All Options):	644	64%	74%	11%	6%	6%	3%	\$2,500	77%
Fin. Management - Advanced Accounting	114	65%	84%	4%	7%	4%	1%	\$2,600	84%
Fin. Management - Corporate Finance	167	65%	66%	19%	5%	8%	2%	\$2,500	76%
Fin. Management - Financial Planning	89	64%	75%	11%	6%	5%	3%	\$2,500	78%
Fin. Management - Microfinancial Systems	78	63%	72%	14%	8%	4%	2%	\$2,650	73%
Fin. Management - Professional Accounting	145	59%	78%	8%	5%	7%	2%	\$2,500	79%
Fin. Management - Taxation	50	62%	81%	6%	3%	0%	10%	\$2,600	72%
Human Resource Management	62	58%	83%	8%	6%	0%	3%	\$3,000	80%
Information Technology Management	36	67%	46%	46%	4%	4%	0%	\$2,400	73%
Integrated Management Studies	39	69%	55%	19%	11%	11%	4%	\$2,650	73%
International Trade & Transportation	127	64%	69%	13%	8%	6%	4%	\$2,650	75%
Management Systems	261	61%	57%	21%	7%	14%	1%	\$2,600	84%
Marketing Management (All Options):	744	60%	67%	17%	9%	5%	2%	\$2,750	86%
Marketing Management - Comm. Real Estate	70	54%	64%	18%	13%	0%	5%	\$2,500	79%
Marketing Management - Dir. Res. Mktg.	54	63%	76%	12%	6%	6%	0%	\$2,750	85%
Marketing Management - Entrepreneurship	132	62%	57%	18%	13%	10%	2%	\$2,900	83%
Marketing Management - Mark. Comm.	113	62%	75%	14%	7%	1%	3%	\$2,500	91%
Marketing Management - Professional Sales	214	58%	75%	11%	3%	9%	2%	\$3,000	86%
Marketing Management - Tourism	160	59%	58%	28%	12%	2%	0%	\$2,500	90%
Operations Management	93	60%	80%	9%	9%	2%	0%	\$2,900	89%
<b>Post-Diploma Programs</b>									
Business Administration	131	54%	47%	30%	13%	6%	4%	\$2,500	71%
Human Resource Management	63	73%	70%	13%	11%	4%	2%	\$3,350	62%
<b>Senior Certificate Programs</b>									
Administrative Studies	53	66%	60%	17%	11%	9%	3%	\$2,950	67%
New Media Design CDROM/WEB Development	116	55%	48%	25%	25%	0%	2%	\$2,900	69%
<b>Certificate Programs</b>									
Digital Animation	37	54%	35%	35%	15%	10%	5%	N/A	58%
E-Business	59	58%	41%	38%	6%	12%	3%	\$3,500	92%
Financial Management (All Options):	128	64%	82%	4%	5%	4%	5%	\$2,950	85%
Fin. Management - Finance	23	61%	72%	7%	0%	14%	7%	\$3,050	90%
Fin. Management - Professional Accounting	103	66%	86%	3%	6%	1%	4%	\$2,900	84%
Human Resource Management	185	61%	89%	8%	1%	2%	0%	\$3,750	93%
Management Systems	118	53%	84%	6%	2%	5%	3%	\$4,200	95%

Note: data in this summary table is the aggregate average of the 2001-2003 Outcomes Surveys of 2000-2002 BCIT graduate:

/ Interpret results with caution due to small sample size. Some programs' results have not been reported due to an insufficient number of responses.

\* Median monthly gross salary of graduates in a related job; minimum of 5 valid respondents

\*\* Includes graduates who had the same employment before or while attending BCIT

# 2001-2003 Graduate Outcomes Survey Summary

Program	Survey Cohort		Employment Status (all respondents)					Of those in training-related work	
	Number Surveyed ('01-'03)	Response Rate	% in Related Job	% in Other Employment	% Unemployed	% Studying	% Other	Full-time Monthly Salary*	Employed Within 2 Months**
<b>School of Business Continued</b>									
<b>Certificate Programs</b>									
Marketing Management (All Options):	168	71%	68%	20%	5%	4%	3%	\$3,750	78%
Marketing Management - Marketing Comm.	58	62%	47%	31%	11%	8%	3%	\$3,750	76%
Marketing Management - Mark. Management	73	68%	76%	10%	4%	4%	6%	\$3,750	80%
Marketing Management - Tourism	15	80%	58%	42%	0%	0%	0%	\$3,100	57%
Media Techniques	18	44%	87%	13%	0%	0%	0%	\$3,350	58%
Operations Management	26	81%	90%	10%	0%	0%	0%	\$4,150	84%
<b>Associate Certificate Programs</b>									
Desktop Publishing	66	58%	43%	35%	8%	11%	3%	\$2,150	57%
E-Business	59	58%	41%	38%	6%	12%	3%	\$3,500	92%
Fin. Management - Financial Planning	295	64%	82%	11%	5%	1%	1%	\$3,750	90%
Leadership	37	73%	85%	7%	4%	0%	4%	\$3,850	100%
Marketing Management (All Options):	115	63%	74%	16%	10%	0%	0%	\$3,400	85%
Marketing Management - Event Marketing	12	58%	72%	14%	14%	0%	0%	N/A	100%
Marketing Management - Marketing Comm.	60	55%	82%	12%	6%	0%	0%	\$3,350	85%
Marketing Management - Rest of Options	22	77%	70%	12%	18%	0%	0%	\$3,400	83%
Marketing Management - Public Relations	21	76%	63%	31%	6%	0%	0%	\$3,350	80%
Medical Office Assistant	69	58%	62%	25%	5%	3%	5%	\$3,200	76%
Venture Program	88	43%	44%	37%	3%	8%	8%	N/A	63%
<b>School of Computing &amp; Academic Studies</b>									
<b>Bachelor of Technology Programs</b>	1249	60%	60%	22%	12%	5%	1%	\$3,350	75%
Computer Systems Technology	36	58%	71%	5%	24%	0%	0%	\$5,000	87%
<b>Diploma Programs</b>									
Comp. Sys. Tech. (All Options):	589	63%	65%	18%	13%	4%	0%	\$3,350	71%
Computer Systems Technology (Part-time)	36	47%	58%	24%	12%	6%	0%	\$3,850	80%
Comp. Sys. Tech. - Appl. Artificial Intelligen.	31	58%	77%	6%	17%	0%	0%	\$3,350	85%
Comp. Sys. Tech. - Client/Server Computing	59	69%	73%	15%	12%	0%	0%	\$3,550	83%
Comp. Sys. Tech. - Data Comm.&Internetwor.	53	72%	76%	11%	13%	0%	0%	\$3,350	69%
Comp. Sys. Tech. - Database Management	69	62%	52%	24%	17%	7%	0%	\$3,350	55%
Comp. Sys. Tech. - Digital Processing	32	53%	40%	24%	18%	18%	0%	N/A	71%
Comp. Sys. Tech. - Information Systems	108	58%	65%	27%	5%	3%	0%	\$3,350	78%
Comp. Sys. Tech. - Multimedia Soft. Dev.	93	69%	59%	25%	11%	5%	0%	\$3,150	59%
Comp. Sys. Tech. - Sm. Sys. Architectures	42	69%	76%	10%	14%	0%	0%	\$3,350	55%
Comp. Sys. Tech. - Technical Programming	65	66%	61%	9%	21%	9%	0%	\$3,400	77%
<b>Certificate Programs</b>									
Computer Systems Technology	18	50%	56%	44%	0%	0%	0%	N/A	80%
Forensic Science Studies	35	57%	35%	50%	15%	0%	0%	N/A	100%
Information Technology Professional	94	46%	65%	19%	16%	0%	0%	\$3,350	65%
Network Specialist	31	52%	81%	13%	6%	0%	0%	\$4,550	77%
Software System Developer (All Options):	81	47%	32%	41%	19%	6%	2%	\$3,500	60%
Software System Developer (Client/Server)	37	51%	26%	32%	32%	5%	5%	N/A	80%
Software System Developer (Web Applies)	44	64%	36%	46%	11%	7%	0%	\$3,100	50%

Note: data in this summary table is the aggregate average of the 2001-2003 Outcomes Surveys of 2000-2002 BCIT graduates

/ Interpret results with caution due to small sample size. Some programs' results have not been reported due to an insufficient number of responses.

\* Median monthly gross salary of graduates in a related job; minimum of 5 valid respondents

\*\* Includes graduates who had the same employment before or while attending BCIT

# 2001-2003 Graduate Outcomes Survey Summary

Program	Survey Cohort		Employment Status (all respondents)					Of those in training-related work	
	Number Surveyed ('01-'03)	Response Rate	% in Related Job	% in Other Employment	% Unemployed	% Studying	% Other	Full-time Monthly Salary*	Employed Within 2 Months**
<b>School of Comp. &amp; Ac. Studies Continued</b>									
<b>Certificate Programs</b>									
Systems Engineering	29	62%	83%	17%	0%	0%	0%	\$4,000	73%
Systems Support Specialist	14	64%	78%	0%	11%	11%	0%	\$3,250	100%
Technology Support Professional	27	67%	60%	17%	17%	6%	0%	\$2,750	64%
<b>Associate Certificate Programs</b>									
Comp. Sys. Tech. (All Options):	272	62%	59%	26%	5%	8%	2%	\$3,500	88%
Comp. Sys. Tech. - Comp. Sys. Foundations	46	72%	61%	21%	6%	12%	0%	\$3,500	95%
Comp. Sys. Tech. - Intro Comp. Info. Syst.	61	59%	64%	17%	8%	11%	0%	\$4,050	91%
Comp. Sys. Tech. - Introductory Program	80	64%	47%	35%	2%	10%	6%	\$3,450	84%
Comp. Sys. Tech. - LAN Administration	74	58%	65%	30%	5%	0%	0%	\$3,600	82%
<b>School of Construction</b>	<b>2,499</b>	<b>56%</b>	<b>59%</b>	<b>18%</b>	<b>11%</b>	<b>9%</b>	<b>3%</b>	<b>\$3,000</b>	<b>87%</b>
<b>Bachelor of Technology Programs</b>									
Environmental Engineering Program	28	57%	56%	38%	0%	6%	0%	\$4,100	88%
<b>Diploma Programs</b>									
Arch. & Building Eng. Tech. (All Options)	250	54%	70%	16%	6%	7%	1%	\$2,850	84%
Arch. & Building Eng. Tech. - Architectural	94	52%	64%	20%	8%	8%	0%	\$2,500	74%
Arch. & Building Eng. Tech. - Building Sc.	64	55%	65%	20%	6%	6%	3%	\$2,950	91%
Arch. & Building Eng. Tech. - Econ./Constr.	85	53%	80%	9%	4%	7%	0%	\$3,100	86%
Civil & Structural Engineering Technology	151	59%	64%	7%	12%	17%	0%	\$3,000	80%
Fish, Wildlife, & Recreation	84	57%	35%	15%	15%	35%	0%	\$2,750	88%
Forest Ecosystem	125	58%	42%	19%	15%	17%	7%	\$3,250	87%
Geomatics Engineering Technology	101	60%	73%	2%	15%	7%	3%	\$3,150	93%
<b>Advanced Diploma Programs</b>									
Geographic Information Systems	117	58%	82%	7%	10%	1%	0%	\$3,450	82%
Renewable Resource Management	19	79%	61%	13%	0%	13%	13%	\$3,350	78%
<b>Senior Certificate Programs</b>									
Interior Design	27	44%	50%	25%	8%	17%	0%	N/A	66%
<b>Certificate Programs</b>									
Boilermaking	66	53%	57%	11%	20%	3%	9%	\$4,050	90%
Carpentry	184	58%	51%	34%	5%	7%	3%	\$2,500	87%
/ Civil & Structural Engineering Technology	11	64%	100%	0%	0%	0%	0%	\$4,600	100%
Drafting (All Options):	189	71%	45%	33%	12%	9%	1%	\$2,450	79%
Drafting - Architectural Option	48	69%	46%	36%	9%	9%	0%	\$2,100	73%
Drafting - Civil & Municipal Option	51	69%	38%	35%	12%	15%	0%	\$2,250	77%
Drafting - Mechanical Option	42	79%	58%	15%	18%	6%	3%	\$2,800	72%
Drafting - Structural Option	48	69%	39%	46%	9%	6%	0%	\$2,500	100%
Forest Resource Technician	20	65%	8%	62%	0%	15%	15%	N/A	N/A
Interior Design	146	45%	46%	24%	11%	14%	5%	\$2,550	83%
Ironworking	94	45%	55%	5%	14%	12%	14%	\$3,250	100%
Joinery (Cabinetmaking)	116	53%	67%	19%	6%	5%	3%	\$2,400	90%
Painting & Decorating	66	58%	58%	29%	0%	5%	8%	\$2,350	82%

Note: data in this summary table is the aggregate average of the 2001-2003 Outcomes Surveys of 2000-2002 BCIT graduate:

/ Interpret results with caution due to small sample size. Some programs' results have not been reported due to an insufficient number of responses.

\* Median monthly gross salary of graduates in a related job; minimum of 5 valid respondents

\*\* Includes graduates who had the same employment before or while attending BCIT

# 2001-2003 Graduate Outcomes Survey Summary

Program	Survey Cohort		Employment Status (all respondents)					Of those in training-related work	
	Number Surveyed ('01-'03)	Response Rate	% in Related Job	% in Other Employment	% Unemployed	% Studying	% Other	Full-time Monthly Salary*	Employed Within 2 Months**
<b>School of Construction Continued</b>									
<b>Certificate Programs</b>									
Piping	123	48%	64%	19%	14%	3%	0%	\$2,300	91%
Sheet Metal Working	54	57%	65%	13%	10%	6%	6%	\$2,500	85%
Steel Fabrication	58	60%	60%	23%	14%	3%	0%	\$3,450	77%
Welding Level A	48	52%	92%	4%	0%	0%	4%	\$4,600	100%
Welding Level B	85	48%	64%	7%	12%	5%	12%	\$3,750	96%
Welding Level C	247	55%	58%	15%	19%	4%	4%	\$3,350	95%
<b>Ass. Certificate Programs</b>									
Building Construction Technology	20	85%	82%	6%	6%	6%	0%	\$3,350	85%
Building Design & Architectural CAD	23	70%	43%	25%	19%	13%	0%	N/A	100%
Construction Supervision	16	69%	64%	27%	9%	0%	0%	\$3,850	85%
<b>School of Electrical &amp; Electronic Tech.</b>									
<b>Diploma Programs</b>									
Computer & Business Equipment Technician	61	74%	63%	22%	11%	2%	2%	\$2,250	93%
Electrical & Computer Eng. Tech. (All Options):	466	60%	62%	14%	8%	15%	1%	\$3,150	79%
Automation & Instrumentation Technology	101	55%	61%	14%	18%	5%	2%	\$3,100	73%
Computer Control Technology	118	65%	56%	12%	9%	22%	1%	\$3,250	81%
Electrical Power & Industrial Control	39	82%	81%	13%	6%	0%	0%	\$3,350	89%
Wireless Comm. & Computer Networking	208	55%	60%	15%	4%	19%	2%	\$3,150	78%
/ Electrical Control Service Technician	10	70%	86%	0%	14%	0%	0%	\$2,900	66%
Industrial Instrumentation Service Technician	37	59%	86%	9%	5%	0%	0%	\$3,500	90%
Network Professional Technician	40	55%	50%	27%	9%	0%	14%	\$2,900	73%
Telecommunications Technician	131	61%	56%	24%	15%	4%	1%	\$3,350	85%
/ Wireless Communications Technician	14	50%	29%	57%	0%	14%	0%	N/A	N/A
<b>Certificate Programs</b>									
Computer Systems Service Technician	146	71%	35%	22%	11%	32%	0%	\$2,750	67%
Electricity & Industrial Electronics	336	56%	74%	10%	6%	7%	3%	\$2,250	94%
Electronics Technician Common Core†	418	69%	-	-	-	-	-	-	-
Security Systems Technician	91	66%	56%	17%	20%	2%	5%	\$2,500	94%
<b>Ass. Certificate Programs</b>									
Network Administrator Technician	15	67%	50%	30%	20%	0%	0%	N/A	100%
<b>School of Health Sciences</b>									
<b>Bachelor of Technology Programs</b>									
Environmental Health (All Options):	62	56%	79%	9%	6%	3%	3%	\$3,650	79%
Environmental Health Direct Entry	44	59%	72%	12%	8%	4%	4%	\$3,750	85%
Environmental Health Regular Entry	18	50%	100%	0%	0%	0%	0%	\$3,550	67%
Specialty Nursing Degree	87	69%	93%	5%	0%	0%	2%	\$4,650	91%

Note: data in this summary table is the aggregate average of the 2001-2003 Outcomes Surveys of 2000-2002 BCIT graduates

/ Interpret results with caution due to small sample size. Some programs' results have not been reported due to an insufficient number of responses.

\* Median monthly gross salary of graduates in a related job; minimum of 5 valid respondents

\*\* Includes graduates who had the same employment before or while attending BCIT

† Electronics Technician Common Core is a laddering program into the following Specialty Programs:

AME: Category E (Avionics); Computer & Business Equipment Technician; Industrial Instrumentation Service Technician; Telecommunications Technician; Wireless Communications Technician

# 2001-2003 Graduate Outcomes Survey Summary

Program	Survey Cohort		Employment Status (all respondents)					Of those in training-related work	
	Number Surveyed ('01-'03)	Response Rate	% in Related Job	% in Other Employment	% Unemployed	% Studying	% Other	Full-time Monthly Salary*	Employed Within 2 Months**
<b>School of Health Sciences Continued</b>									
<b>Diploma Programs</b>									
Biomedical Engineering	46	61%	88%	4%	4%	4%	0%	\$3,350	76%
Biotechnology	71	65%	46%	20%	15%	17%	2%	\$2,500	67%
Food Technology	45	76%	64%	3%	15%	18%	0%	\$2,400	86%
Medical Laboratory Science	31	45%	93%	0%	0%	7%	0%	\$3,500	92%
Medical Radiography	91	69%	100%	0%	0%	0%	0%	\$3,600	99%
Nuclear Medicine Technology	33	36%	100%	0%	0%	0%	0%	\$3,600	92%
Nursing	216	61%	98%	1%	0%	1%	0%	\$3,750	99%
Occupational Health & Safety	57	60%	79%	9%	6%	6%	0%	\$3,750	70%
Prosthetics and Orthotics	16	56%	78%	0%	22%	0%	0%	\$3,250	58%
<b>Post-Diploma Programs</b>									
Cardiovascular Technology	13	85%	100%	0%	0%	0%	0%	\$4,600	91%
Clinical Genetics	13	77%	100%	0%	0%	0%	0%	\$3,750	90%
Diagnostic Medical Sonography	28	68%	95%	0%	0%	0%	5%	\$4,700	94%
<b>Certificate Programs</b>									
Cardiology	46	61%	96%	4%	0%	0%	0%	\$3,600	93%
Computed Tomography	11	91%	89%	11%	0%	0%	0%	\$4,600	100%
Health Administration BCIT / UBC	29	79%	70%	4%	4%	22%	0%	\$4,850	100%
Health Care Management	27	74%	100%	0%	0%	0%	0%	\$4,650	95%
Magnetic Resonance Imaging	60	73%	89%	9%	2%	0%	0%	\$4,400	98%
Nursing Specialty (All Options):	337	64%	95%	4%	0%	0%	1%	\$4,600	96%
Critical Care Nursing Specialty	49	63%	97%	0%	0%	0%	3%	\$4,700	93%
Critical Care / Emergency Nursing Specialty	17	65%	82%	9%	0%	0%	9%	\$4,150	89%
Emergency Nursing Specialty	128	53%	100%	0%	0%	0%	0%	\$4,600	98%
Emergency/Critical Care Nursing Specialty	18	67%	92%	8%	0%	0%	0%	\$5,000	100%
Neonatal Nursing Specialty	21	57%	100%	0%	0%	0%	0%	N/A	100%
Nephrology Nursing Specialty	15	80%	100%	0%	0%	0%	0%	N/A	83%
Occupational Health Nursing Specialty	11	82%	89%	11%	0%	0%	0%	\$5,000	100%
Pediatric Nursing Specialty	12	75%	89%	11%	0%	0%	0%	N/A	88%
Perinatal Nursing Specialty	45	80%	89%	8%	0%	0%	3%	\$4,350	97%
Perioperative Nursing Specialty	21	71%	93%	7%	0%	0%	0%	\$4,150	92%
Occupational Health & Safety	75	79%	73%	20%	5%	2%	0%	\$4,300	88%
<b>School of Manufacturing &amp; Industrial Mechanical</b>									
	1,509	60%	64%	17%	7%	10%	2%	\$3,150	83%
<b>Diploma Programs</b>									
Chemical Science Technology	94	67%	70%	10%	8%	10%	2%	\$2,500	86%
HVAC & R Technician	23	74%	88%	12%	0%	0%	0%	\$3,100	100%
Industrial Maintenance Mechanic	25	76%	79%	21%	0%	0%	0%	\$2,900	93%
Machinist/CNC	36	50%	82%	0%	18%	0%	0%	\$2,800	100%
Mechanical Eng. Tech. (All Options):	256	61%	53%	21%	5%	17%	4%	\$2,900	71%
Mechanical Eng. Tech. - CAD/CAM	45	47%	47%	23%	10%	10%	10%	\$2,650	60%
Mechanical Eng. Tech. - Mechanical Design	111	67%	42%	23%	4%	27%	4%	\$2,950	74%
Mechanical Eng. Tech. - Mechanical Manuf.	57	61%	71%	14%	9%	6%	0%	\$2,800	57%

Note: data in this summary table is the aggregate average of the 2001-2003 Outcomes Surveys of 2000-2002 BCIT graduate:

/ Interpret results with caution due to small sample size. Some programs' results have not been reported due to an insufficient number of responses.

\* Median monthly gross salary of graduates in a related job; minimum of 5 valid respondents

\*\* Includes graduates who had the same employment before or while attending BCIT

# 2001-2003 Graduate Outcomes Survey Summary

Program	Survey Cohort		Employment Status (all respondents)					Of those in training-related work	
	Number Surveyed ('01-'03)	Response Rate	% in Related Job	% in Other Employment	% Unemployed	% Studying	% Other	Full-time Monthly Salary*	Employed Within 2 Months**
<b>School of Manufacturing &amp; Industrial Mechanical Continued</b>									
<b>Diploma Programs</b>									
Mechanical Eng. Tech. - Mech. Systems	42	62%	65%	19%	0%	12%	4%	\$2,500	94%
Petroleum & Natural Gas	26	35%	67%	11%	0%	22%	0%	\$3,500	50%
Plastics Engineering Technology	37	59%	73%	18%	0%	9%	0%	\$2,800	87%
Power & Process Engineering	49	55%	70%	11%	11%	4%	4%	\$4,450	74%
Robotics & Automation	46	57%	65%	19%	0%	12%	4%	\$2,800	65%
Tool and Die Technician	14	50%	72%	14%	14%	0%	0%	N/A	100%
Wood Products Manufacturing	17	47%	49%	25%	0%	13%	13%	N/A	N/A
<b>Post-Diploma Programs</b>									
CAD Programming	28	57%	69%	6%	6%	19%	0%	\$2,950	54%
Technology Management - Engineering	11	73%	87%	13%	0%	0%	0%	\$5,150	100%
<b>Certificate Programs</b>									
Machinist Core	87	63%	69%	9%	9%	11%	2%	\$2,400	81%
Millwright	57	65%	73%	8%	11%	3%	5%	\$2,900	63%
Power Engineering - General Program	89	55%	61%	25%	10%	4%	0%	\$3,300	55%
Power Engineering - Technical Program	80	61%	22%	16%	10%	52%	0%	\$3,300	63%
Power Engineering - 2nd Class	12	75%	100%	0%	0%	0%	0%	\$6,000	89%
<b>Certificate Programs</b>									
Power Engineering - 3rd Class	18	67%	100%	0%	0%	0%	0%	\$5,750	100%
Power Engineering - 4th Class	279	59%	77%	17%	4%	1%	1%	\$4,650	95%
Refrigeration Mechanic	32	66%	66%	29%	0%	5%	0%	\$2,500	86%
<b>Associate Certificate Programs</b>									
CNC Machinist Operator	45	58%	53%	31%	12%	4%	0%	\$4,150	93%
Computer Aided Design Technology	105	61%	47%	22%	22%	9%	0%	\$2,900	80%
Mechanical Systems (Fire Protection)	12	58%	86%	14%	0%	0%	0%	\$4,600	100%
<b>School of Transportation</b>	<b>1,607</b>	<b>59%</b>	<b>62%</b>	<b>22%</b>	<b>10%</b>	<b>4%</b>	<b>2%</b>	<b>\$2,650</b>	<b>81%</b>
<b>Bachelor of Technology Programs</b>									
Technology Management	9	78%	100%	0%	0%	0%	0%	\$5,400	100%
<b>Diploma Programs</b>									
Aircraft Maintenance Engineer: Category E	74	57%	87%	7%	2%	2%	2%	\$2,900	75%
Aircraft Maintenance Engineer: Category M	275	59%	71%	19%	8%	1%	1%	\$2,900	80%
Automotive Collision Refinishing Technician	33	52%	52%	12%	24%	6%	6%	\$2,100	100%
Automotive Collision Repair Technician	23	57%	76%	8%	8%	8%	0%	\$2,150	80%
Automotive Service Technician	56	70%	94%	3%	3%	0%	0%	\$2,600	91%
<b>Certificate Programs</b>									
Aircraft Gas Turbine Technician	102	63%	59%	23%	9%	6%	3%	\$2,950	86%
Aircraft Maintenance Engineer: Category S	146	55%	63%	21%	13%	3%	0%	\$2,700	74%
Aircraft Mechanical Component Technician	45	51%	44%	39%	17%	0%	0%	\$2,750	80%
Automotive Electronics Technician	60	60%	57%	26%	11%	0%	6%	\$2,500	85%

Note: data in this summary table is the aggregate average of the 2001-2003 Outcomes Surveys of 2000-2002 BCIT graduates

/ Interpret results with caution due to small sample size. Some programs' results have not been reported due to an insufficient number of responses.

\* Median monthly gross salary of graduates in a related job; minimum of 5 valid respondents

\*\* Includes graduates who had the same employment before or while attending BCIT

## 2001-2003 Graduate Outcomes Survey Summary

Program	Survey Cohort		Employment Status (all respondents)					Of those in training-related work	
	Number Surveyed ('01-'03)	Response Rate	% in Related Job	% in Other Employment	% Unemployed	% Studying	% Other	Full-time Monthly Salary*	Employed Within 2 Months**
<b>School of Transportation Continued</b>									
<b>Certificate Programs</b>									
Automotive Mechanic	213	68%	58%	25%	8%	6%	3%	\$2,000	79%
Automotive Mechanic - Toyota T-TEP	33	64%	62%	38%	0%	0%	0%	\$2,100	93%
Commercial Transport Mechanic	69	65%	65%	30%	5%	0%	0%	\$2,700	90%
Diesel Engine Mechanic	33	64%	48%	33%	14%	5%	0%	\$2,900	80%
Heavy Duty Mechanic	113	61%	50%	30%	17%	3%	0%	\$2,650	85%
Inboard/Outboard Mechanic	26	62%	50%	25%	19%	6%	0%	\$2,500	88%
Motorcycle Mechanic	54	43%	60%	22%	9%	9%	0%	\$2,100	78%
Power Equipment Mechanic	36	50%	38%	28%	17%	0%	17%	\$2,500	84%
/ Power Equipment Mechanic - Kelowna	12	58%	43%	29%	14%	0%	14%	N/A	N/A
<b>Associate Certificate Programs</b>									
Aircraft Interior Technician	45	36%	31%	31%	25%	13%	0%	\$2,600	100%
Aircraft Structures Manufacturing	45	64%	35%	24%	17%	24%	0%	\$2,450	70%
Diesel Electronics	81	56%	74%	13%	7%	4%	2%	\$2,900	69%

Note: data in this summary table is the aggregate average of the 2001-2003 Outcomes Surveys of 2000-2002 BCIT graduates

/ Interpret results with caution due to small sample size. Some programs' results have not been reported due to an insufficient number of responses.

\* Median monthly gross salary of graduates in a related job; minimum of 5 valid respondents

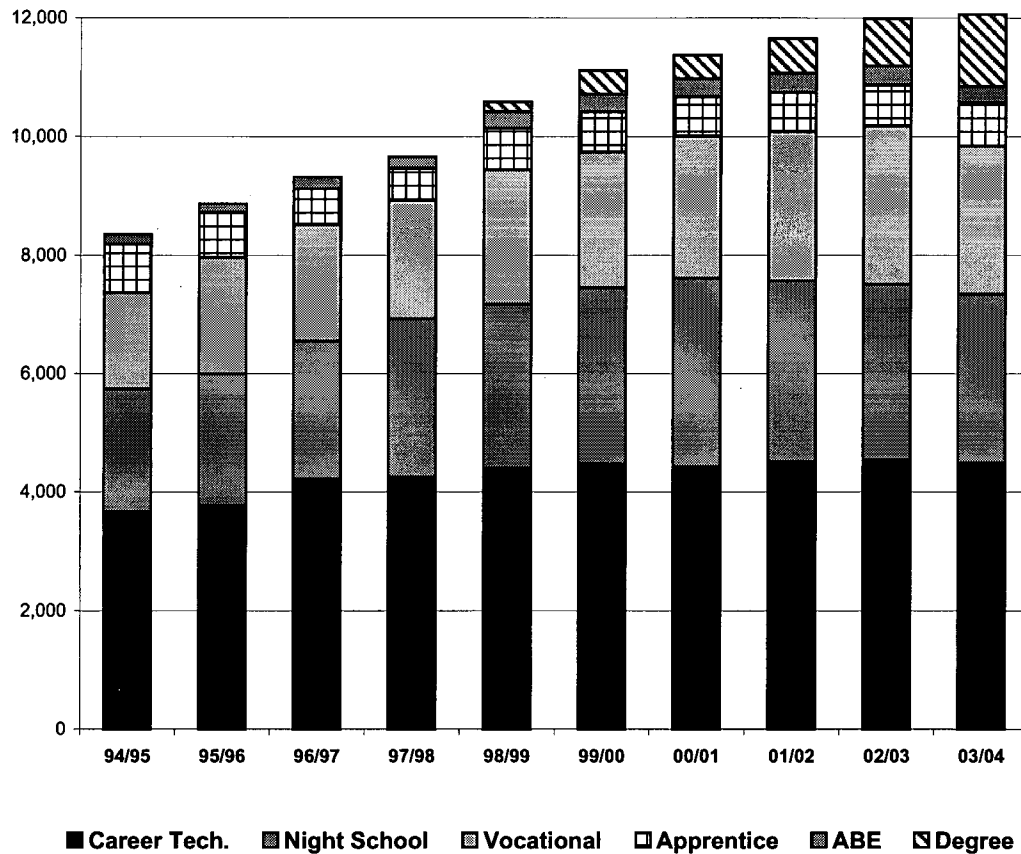
\*\* Includes graduates who had the same employment before or while attending BCIT

# **Section 5**

## **FTE and Financial Data**

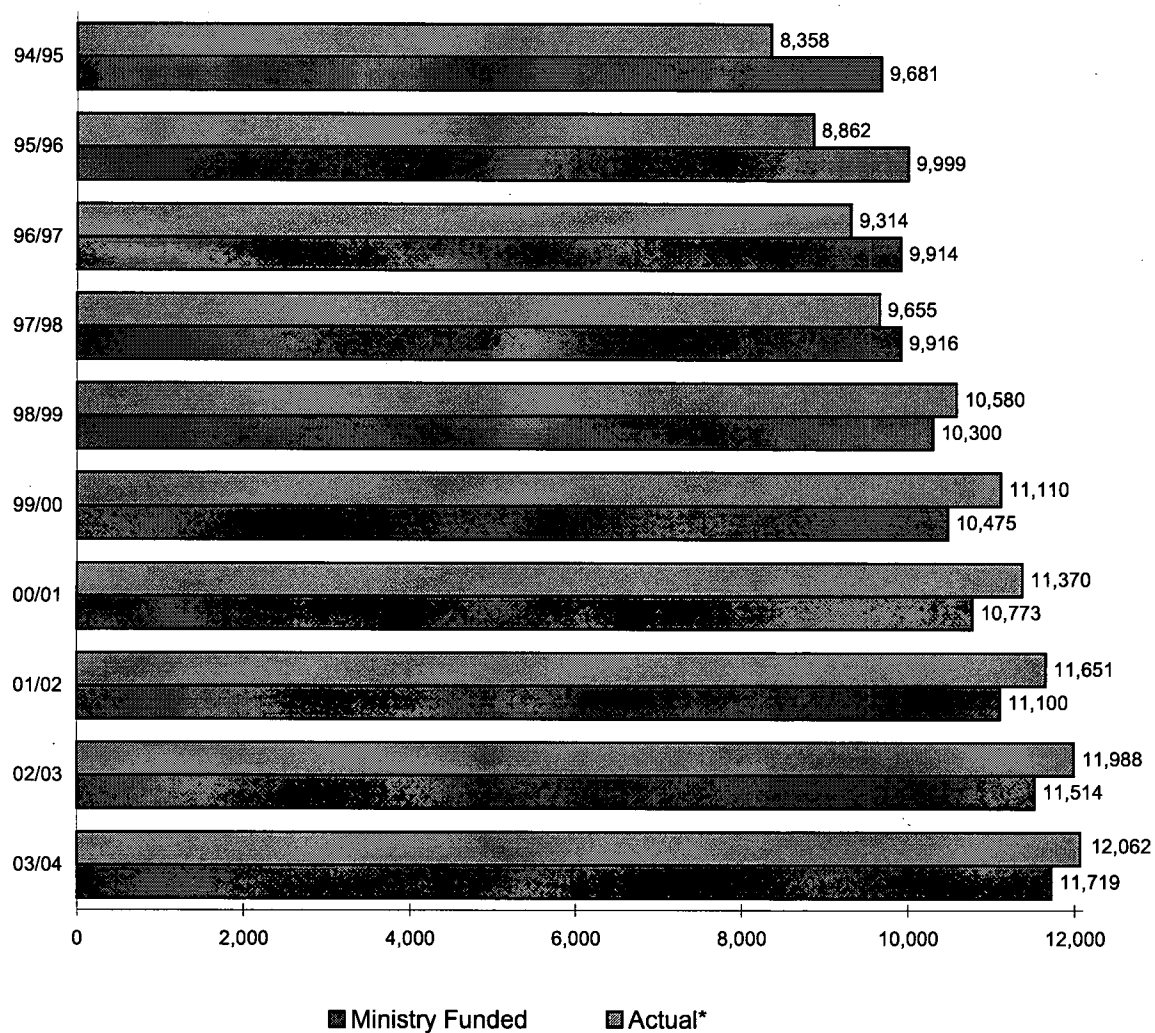


## Actual Base-Funded FTEs Delivered by Student Type 1994 - 2004

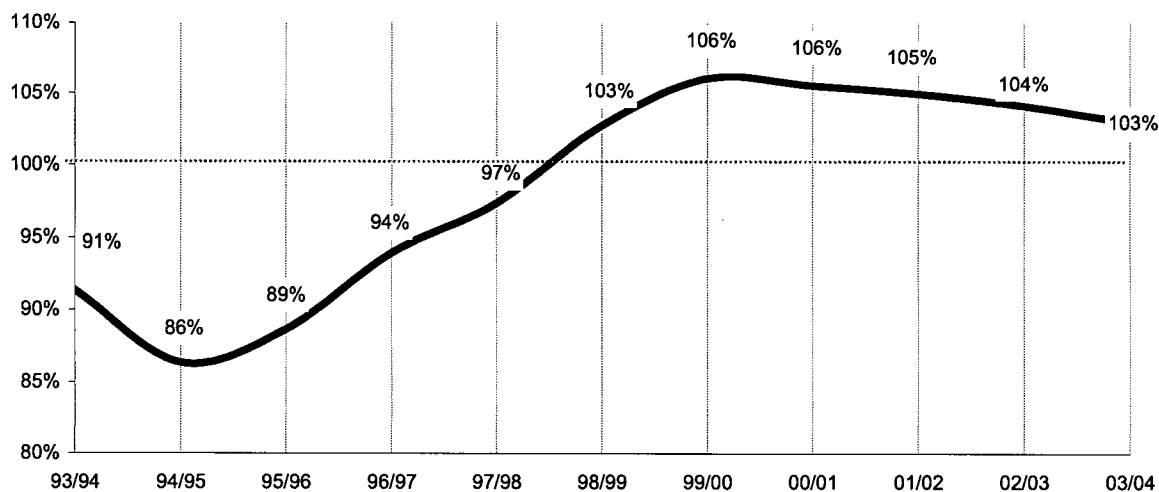


	94/95	95/96	96/97	97/98	98/99	99/00	00/01	01/02	02/03	03/04
<b>Adult Basic Education</b>	166	146	193	200	281	293	304	323	312	282
<b>Apprentice</b>	830	763	598	527	699	682	669	667	691	725
<b>Career Technical</b>	3,659	3,767	4,211	4,241	4,391	4,464	4,415	4,499	4,534	4,481
<b>Degree</b>					168	402	396	585	808	1,221
<b>Night School</b>	2,077	2,219	2,336	2,678	2,773	2,980	3,190	3,062	2,966	2,852
<b>Vocational</b>	1,626	1,965	1,976	2,009	2,268	2,289	2,396	2,515	2,677	2,501
<b>Total FTE</b>	8,358	8,862	9,314	9,655	10,580	11,110	11,370	11,651	11,988	12,062

## Ministry Funded FTEs vs. Actual FTEs Delivered 1993 - 2004



## FTE Utilization Ratio

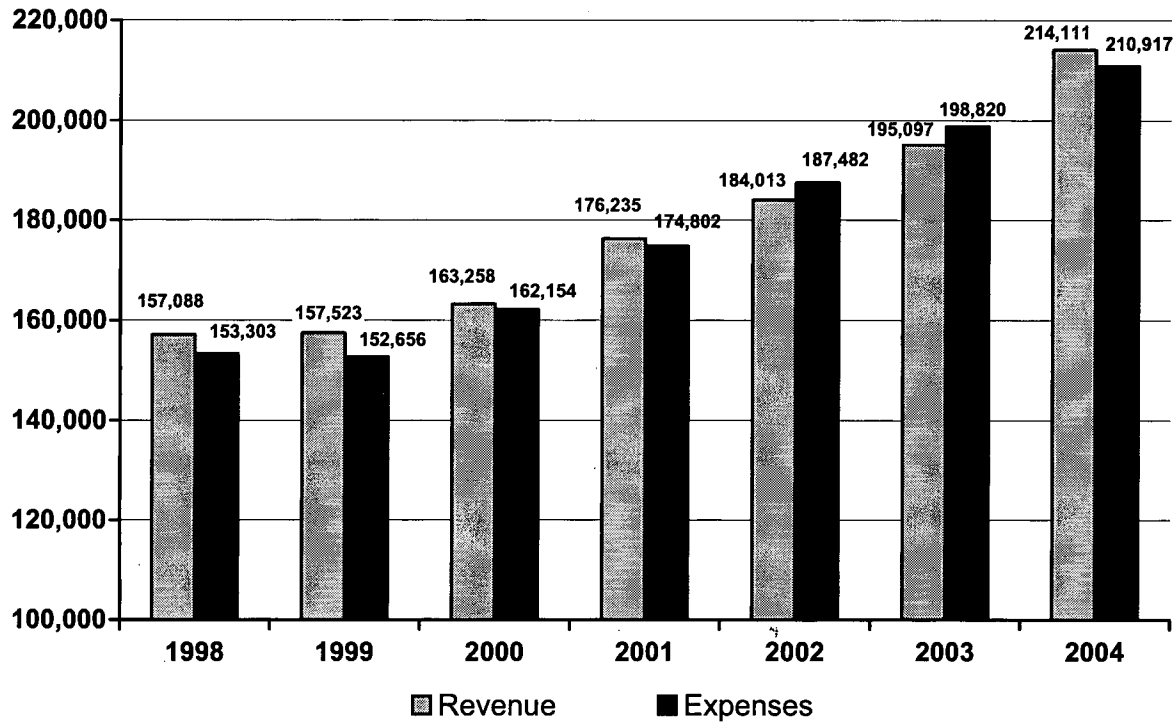


\* only base-funded (grant) activity

## BCIT Revenue vs. Expenses

### 1998 - 2004

(thousands of dollars)



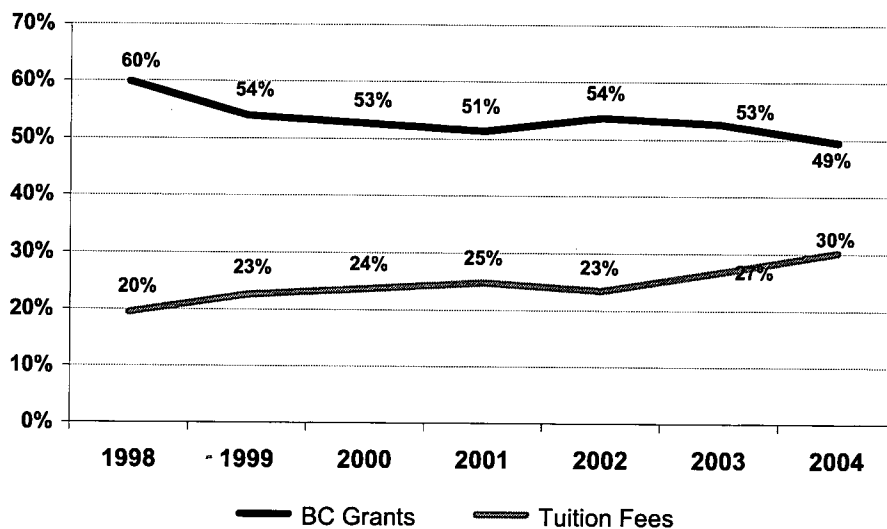
## 2004 Capital Assets

(thousands of dollars)

	Cost	2004		2003
		Accumulated Depreciation	Net Book Value	Net Book Value
Land	49,621	-	49,621	44,659
Buildings	204,476	50,576	153,900	150,251
Equipment	104,978	80,294	24,684	22,599
Computers	56,959	42,589	14,370	17,837
Library Books	8,260	6,818	1,442	1,689
Teaching Facilities	2,518	1,167	1,351	1,392
Leased Equipment	5,324	2,385	2,939	2,878
<b>Totals</b>	<b>432,136</b>	<b>183,829</b>	<b>248,307</b>	<b>241,305</b>

## BCIT Revenue 1998 - 2004

### Revenue from BC Grants and Tuition Fees



### Statement of Revenue

(thousands of dollars)

Year <sup>1</sup> :	1998	1999	2000	2001	2002	2003	2004
Province of British Columbia Grants	93,994	84,934	85,976	90,455	98,875	102,704	105,964
Tuition Fees	30,658	35,592	38,606	43,706	43,170	52,067	64,525
Sales and Rentals	7,871	8,977	9,162	9,816	10,805	11,392	11,389
Investment Income	610	1,476	1,585	2,030	1,445	8,463	10,099
Industry Services	6,355	8,960	9,391	10,175	8,884	7,835	7,680
Other Income	6,543	6,407	6,896	7,953	8,199	687	735
Gifts and Donations <sup>2</sup>	1,186	771	349	326	1,232	133	544
Amortization of Deferred Contributions - Capital <sup>3</sup>	9,871	7,543	8,121	8,663	8,163	8,217	10,333
Deferred Contributions - Other <sup>3</sup>		2,863	3,172	3,111	3,240	3,599	2,842
<b>Total Revenue</b>	<b>157,088</b>	<b>157,523</b>	<b>163,258</b>	<b>176,235</b>	<b>184,013</b>	<b>195,097</b>	<b>214,111</b>

<sup>1</sup> for the fiscal period ending March 31st of given year

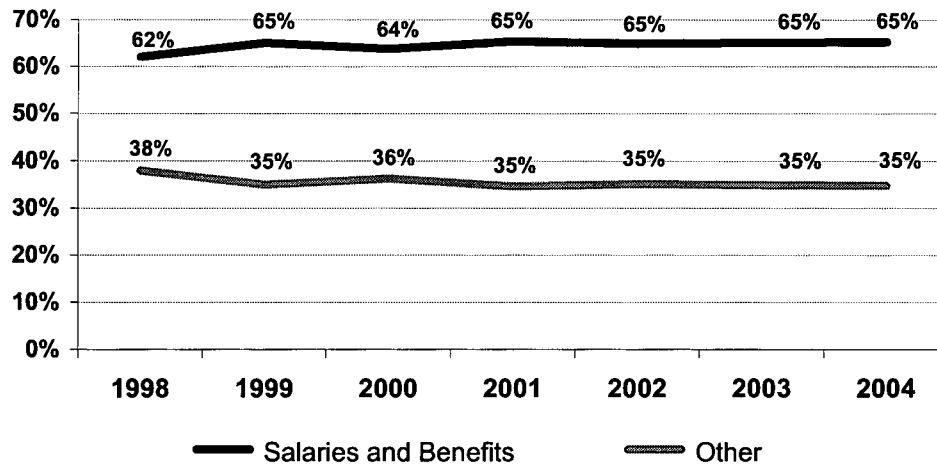
<sup>2</sup> primarily donations to Financial Aid and Awards; for details on other types of donations please refer to page 5-6

<sup>3</sup> beginning in 1999 these revenues were reported separately

# BCIT Expenses

## 1998 - 2004

### Expenses



### Statement of Expenses

(thousands of dollars)

Year*:	1998	1999	2000	2001	2002	2003	2004
Salaries and Wages	82,517	86,297	89,782	99,465	105,895	111,750	118,438
Employee Benefits	12,566	13,018	13,605	14,801	15,838	17,733	19,212
Supplies and General	7,421	6,992	8,190	8,059	9,068	8,638	8,668
Repairs and Maintenance	4,943	4,246	5,139	5,402	5,472	5,335	6,751
Leases and Rentals	1,537	3,150	4,828	4,852	4,789	4,418	4,571
Utilities	2,631	2,745	2,957	3,495	4,152	4,031	4,016
Communications	1,175	936	939	843	795	808	1,088
Printing and Advertising	1,533	1,667	2,312	2,530	2,489	2,588	3,316
Postage and Cartage	701	721	829	849	989	786	979
Fees for Service	3,966	7,428	7,078	6,698	7,449	9,510	8,262
Travel and Training	2,951	2,784	3,354	4,002	4,926	5,095	5,095
Banking and Insurance	740	851	267	713	915	1,848	1,883
Cost of Sales	3,768	4,264	4,588	5,419	5,815	5,305	5,727
Interest	11,948	2,301	2,285	2,302	2,918	3,382	2,317
Depreciation	12,966	12,890	13,249	13,030	13,543	14,706	17,709
Student Awards	1,392	1,500	1,676	1,701	1,715	2,297	2,166
Miscellaneous	548	866	1,076	641	714	590	719
<b>Total Expenses</b>	<b>153,303</b>	<b>152,656</b>	<b>162,154</b>	<b>174,802</b>	<b>187,482</b>	<b>198,820</b>	<b>210,917</b>

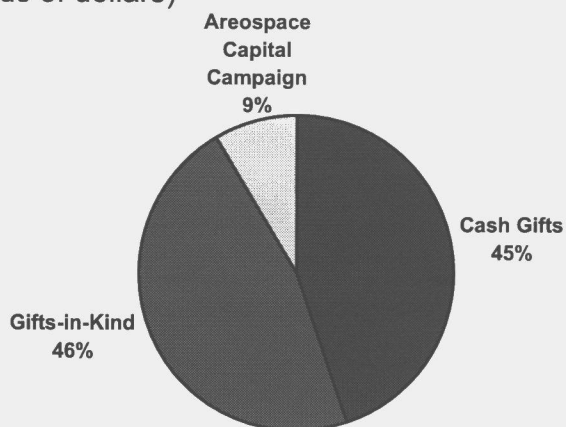
\* for the fiscal period ending March 31st of given year

## BCIT Foundation 1999 - 2004

### BCIT Foundation Report on Giving 03/04

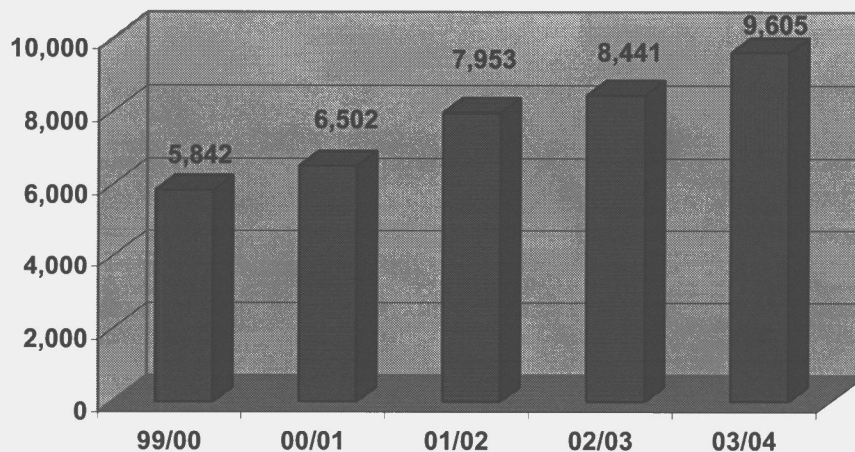
(thousands of dollars)

Cash Gifts	1,735
Gifts-in-Kind	1,800
Areospace Capital Campaign	336
<b>Total</b>	<b>3,871</b>



### Endowment Growth 1999 - 2004

(thousands of dollars)



# Section 6

## Human Resources and Facilities Data

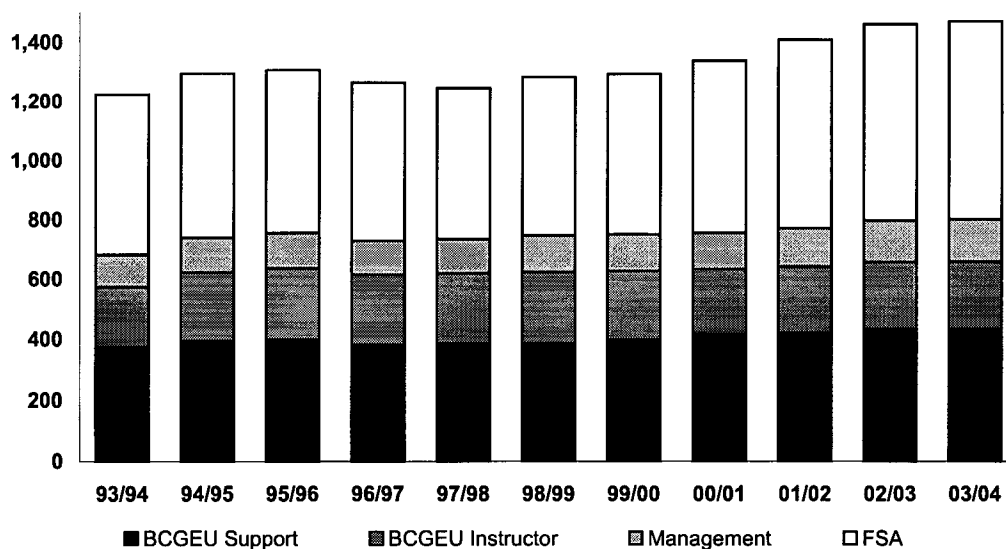
- Human Resources
- Facilities  
Management
- Library
- Student Residence

## BCIT Employee Breakdown\*

### by Bargaining Unit and Gender

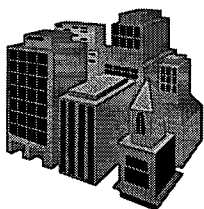
	93/94	94/95	95/96	96/97	97/98	98/99	99/00	00/01	01/02	02/03	03/04
<b>BCGEU SUPPORT</b>											
M	116	122	121	113	112	115	114	117	113	122	124
F	259	272	279	270	275	272	285	301	306	311	309
Total	375	394	400	383	387	387	399	418	419	433	433
<b>BCGEU INSTRUCTOR</b>											
M	195	222	228	224	221	229	220	210	216	215	216
F	4	6	8	8	11	7	7	5	7	10	10
Total	199	228	236	232	232	236	227	215	223	225	226
<b>MANAGEMENT</b>											
M	64	68	65	61	63	65	69	67	69	71	69
F	45	50	55	52	52	59	56	56	60	68	73
Total	109	118	120	113	115	124	125	123	129	139	142
<b>FACULTY &amp; STAFF ASSOCIATION</b>											
M	367	367	371	351	343	352	356	371	397	410	409
F	175	187	181	184	169	182	184	214	241	253	260
Total	542	554	552	535	512	534	540	585	638	663	669
<b>TOTAL REGULAR EMPLOYEES</b>											
M	742	779	785	749	739	761	759	765	795	818	818
F	483	515	523	514	507	520	532	576	614	642	652
Total	1,225	1,294	1,308	1,263	1,246	1,281	1,291	1,341	1,409	1,460	1,470
<b>PART-TIME STUDIES INSTRUCTORS</b>											
	488	464	476	453	556	478	560	591	637	550	
<b>GRAND TOTAL</b>											
	1,225	1,782	1,772	1,739	1,699	1,837	1,769	1,901	2,000	2,097	2,020

### Total Employees Excluding Part-time Instructors



\* Refer to Employee definitions on Page 1-4





## BCIT Space and Building Inventory

### Breakdown by Campus 2004

	Burnaby	DTC	ATC	BMC	GNW	Total
<b>Number of Buildings</b>	55	1	2	1	1	60
<b>Total Area (m<sup>2</sup>) <sup>1</sup></b>	173,829	27,025	10,344	7,381	11,932	230,511
<b>Classroom Space</b>	12,479	1,981 <sup>2</sup>	810	1,036	633	16,939
<b>Lab Space</b>	20,275	1,600	483	594	129	23,081
<b>Theatre Space</b>	1,948					1,948
<b>Shops <sup>3</sup></b>	16,104		2,225	188	4,062	22,579
<b>Office Space</b>	17,257	925	441	538	554	19,715

### 1996 - 2004 Comparison For All Campuses

	1996	1997	1999	2002	2003	2004
<b>Total Number of Buildings</b>	63	63	62	62	60*	60
<b>Total Area (m<sup>2</sup>) <sup>1</sup></b>	170,080	189,828	189,789	221,205	220,795	230,511
<b>Classroom Space</b>	14,420	13,534	13,818	15,005	16,035	16,939
<b>Lab Space</b>	22,330	22,515	22,603	21,915	21,511	23,081
<b>Theatre Space</b>	2,250	2,386	2,064	2,064	1,917	1,948
<b>Shops <sup>3</sup></b>	28,700	28,700	28,550	21,989	21,083	22,579
<b>Office Space</b>	16,380	16,479	17,010	18,100	19,473	19,715

<sup>1</sup> Prior to 2002, total area was reported as net useable area. These numbers have been changed to reflect gross building area.

<sup>2</sup> Does not include leased space

<sup>3</sup> Shop space has been recalculated in 2002 to reflect only the teachable area in the shops.

<sup>4</sup> The number of buildings for the BCIT Marine Campus has been reduced as a result of consolidating the outbuildings as part of the main building.

\* Included Discovery Park Building which is not a BCIT building/area

# Utility and Recycling Measures

## 1998 - 2004

### Recycle Volumes

Item Recycled	Unit	98/99	99/00	00/01	01/02	02/03	03/04
Waste Oil	ltr	3,240	6,145				
Solvent	ltr	9,000	9,000				
Metal	kg	205,920	238,150				
Paper*	kg	77,292	85,226	108,278	110,797	108,705	85,632
Glass*	kg	7,480	6,510	3,270	2,100		
Wood*	kg	80,140	94,367	75,097	81,632	102,240	110,795
Gyproc*	kg	53,090	50,530	22,810	44,430	35,050	33,670
Pop can*	ea	32,471	56,197	40,523	34,909	37,051	69,747
Glass Bottle*	ea		9,666	20,391	20,200	22,258	28,324
Power Smart Projects	kwh saved	228,900					

\* REVISED

### Utility Usage

Item	Unit	98/99	99/00	00/01	01/02	02/03	03/04
Electricity consumption	kwh	27,291,600	28,422,800	28,723,600	29,247,800	37,523,240	30,211,084
Water consumption	m <sup>3</sup>	349,862	352,305	344,515	302,498	450,805	420,350

### Building Area

Burnaby Campus	Unit	01/02	02/03	03/04
Number of Buildings	buildings	55	56**	55
Classroom Space	m <sup>2</sup>	12,347	12,982	12,479
Lab Space	m <sup>2</sup>	19,772	19,528	20,275
Theatre Space	m <sup>2</sup>	1,928	1,917	1,948
Shops *	m <sup>2</sup>	16,019	15,885	16,104
Office Space	m <sup>2</sup>	16,683	17,639	17,257
Total Area <sup>†</sup>	m <sup>2</sup>	177,696	177,043	173,829

\* Shop space has been recalculated in 2002 to reflect only the teachable area in the shops.

<sup>†</sup> Prior to 2002, total area was reported as net useable area. These numbers have been changed to reflect gross building area.

\*\* Included Discovery Park Building which is not a BCIT building/area

## Library Summary

---

The BCIT Library includes the libraries at the Burnaby, BCIT Marine, and Aerospace and Technology campuses.

The Library plays a leading role in the educational process by providing the BCIT Community with access to current materials using the latest information technology, assistance in retrieving information and instruction in research methods.

The Library's growing collection of electronic resources includes over 5,000 eJournals and 1,000 eBooks on business and technical topics. These electronic collections are available 24 hours a day, 7 days a week. Librarians offer instruction on research skills using the on-line catalogue and electronic databases and indexes.

Library holdings include approximately three hundred thousand books, journals, pamphlets and non-print media. Major strengths are in the following areas:

- technical reports
- standards
- Statistics Canada documents
- topographical and land use maps
- legal and legislative materials
- course outlines
- marine and aviation collection

The Microcomputer Centre on the Burnaby Campus Library's lower floor includes desktop workstations with internet access, group study rooms equipped with computers and presentation equipment, and laptop connections as well as access to laser/colour printers and a scanner.

Visit the Library's web site ([www.lib.bcit.ca](http://www.lib.bcit.ca)) to check out our on-line catalogue, electronic collections, and to find the latest information on new services and resources.

During the term, the Burnaby Campus Library is open seven days a week including Monday to Thursday evenings. Changes in service hours are posted.



	00/01	01/02	02/03	03/04
<b>Collections</b>				
Number of Full Text Journal Subscriptions			50	51
Number of Print Journals			1282	1080
Volume of Books	149,841	181,009	169,950	151,315
Volumes Added	10,111	10,170	8,677	6,577
Acquisition \$ Spent *	\$516,660	\$ 451,757	\$571,888	\$603,104
<b>General Information</b>				
Number of Entries into Library	596,349	498,001	592,919	610,049
Number of Access to Database				669,559
Reference Questions	13,473	13,618	14,353	12,572
Number of Direct Circulation			122,757	137,117
Library Opening Hours (weekly)	85.5	85.5	85.5	85.5
Reference Desk Hours (weekly)	64	64	64	64
Bibliographic Instruction Classes:				
Number of Hours	247.5	288	343.5	357.5
Number of Students Served	3,625	3,625	5,075	5,375
<b>Staff</b>				
Librarians	9	10	10	10
Support Staff	28.2	26.7	24.9	23.9

\* may include donations to the library

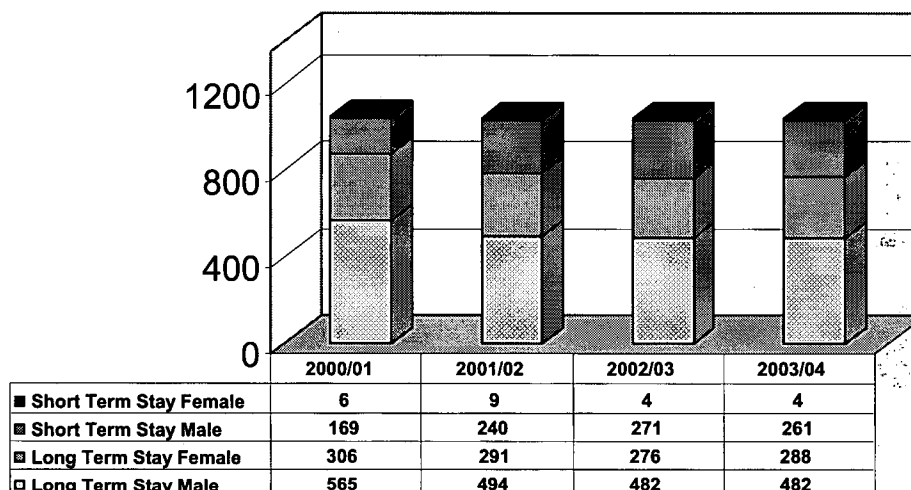
## Student Residence Summary

Maquinna Residence is located on the Burnaby Campus, a short walk from classes, the Campus Centre, recreational facilities and medical services. The residence accommodates 333 residents at one time; 45 rooms are allocated to short-stay Apprentice students, 288 rooms are allocated to students in long term trades or technology programs.

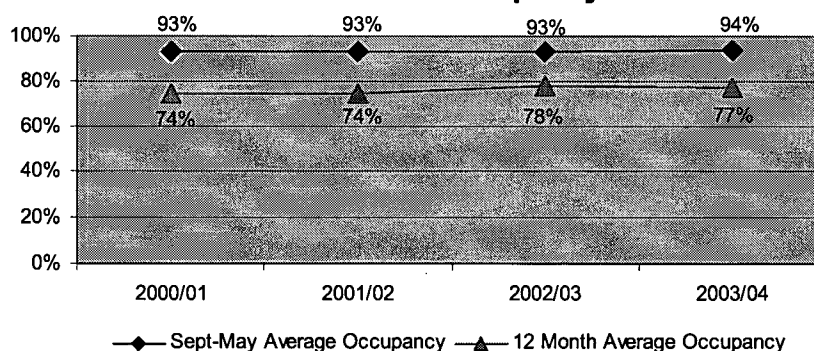
The residence was built in 1978 and consists of town-house style units where 12 students live together sharing kitchen facilities, living/dining rooms, washrooms and laundry facilities. Students may choose all female, all male or co-ed units, and an Academic/Quiet or a Social/Active unit.

During the 2003/2004 school year 1035 students were accommodated in residence, of which 72% of the residents were male and 28% were female.

**Number of Students Accommodated**



**Student Residence Occupancy Rates**



# **Section 7**

## **BCIT Department Information**

- **BCIT Technology Centre**



The BCIT Technology Centre is the Institute's applied research and technology transfer office. The Centre employs a team of full-time researchers and draws on the expertise of BCIT faculty, staff and students from approximately 200 technical programs in business, information technology, health sciences, engineering technology, and applied sciences.

This multi-faceted research group helps companies, organizations and entrepreneurs:

- Develop prototypes, devices and products
- Design systems and applications
- Analyze, test and evaluate systems, products and theories
- Commercialize new technologies

Research projects conducted at BCIT range from those requiring only a few hours' work to major ongoing contract or grant-funded initiatives that can take several years. Since its inception in 1989, BCIT has conducted hundreds of projects and provided its clients with millions of dollars worth of applied research and development services.

For more information visit: [www.bcit.ca/appliedresearch/](http://www.bcit.ca/appliedresearch/)

### Major Research Facilities

INTERNET ENGINEERING LAB (IEL)	For evaluation and development of advanced network services. Major equipment donated by Spirent Technologies and Empowered Networks.
PHOTOVOLTAIC ENERGY APPLIED RESEARCH LAB (PEARL)	For applied R&D of grid-connected and stand-alone photovoltaic systems.
CENTRE FOR REHABILITATION ENGINEERING AND TECHNOLOGY THAT ENABLES (CREATE)	For development of devices, technologies and products for people with disabilities. A partnership between BCIT and the Neil Squire Foundation.
DR. TONG LOUIE LIVING LABORATORY	For research of environments and products aimed at elderly and disabled adults. A partnership between BCIT and SFU.
FOOD ANALYSIS LAB AND PILOT PLANT	For research and product development in food processing.
FORENSIC SCIENCES CENTRE	For investigative research in the analysis of forensic, physical and biological samples.

CANADIAN BIOINFORMATICS RESOURCE  
for industry

A training and support facility for Western Canadian  
biotechnology companies.

HERBAL EVALUATION & ANALYSIS LAB

For investigative research in a variety of areas  
concerning the development of analytical methods to  
determine the integrity of natural health products.

## Major Achievements 2003 - 2004

BCIT was awarded a grant for \$338,000 from Western Economic Diversification to develop a Technology Commercialization Office. This new service, to be located in the Technology Centre, will provide advice and assistance to technology developers (both internal and external to BCIT) to commercialize the results of their research. The WED funding will be spread over a three year period. Credit for winning this award goes to Technology Centre's Health Technology Research Group - the new office will initially focus on medical and assistive technology commercialization. In due course, its activities will expand to include other areas.

Eric Byres, cyber-security research leader with the Technology Centre, was invited to Washington DC on October 1, to appear and provide expert testimony before a US Congressional Subcommittee that has been holding hearings to examine the security of industrial control systems. He warned that hacker attacks on North America's industrial infrastructure could soon become as commonplace as the practice of hacking Web pages. The profile that Byres has earned through invitations of this type, invited presentations at major conferences around the world, and his frequent quotes in the press, are evidence of the importance of this topic and the leadership that BCIT has shown.

Technology Centre researchers Lou Stamenic and Matt Greig received notification that their application for a patent for a maximum power point tracking charge controller was approved by the United States Patent Office. This technology was developed at BCIT as part of our research into solar photovoltaics. It employs a unique algorithm to maximize power output of a solar module. We are currently engaged in licensing discussions with a local company.

The Technology Centre worked with Palcan Fuel Cells to place an electrolyser and hydrogen storage system at the Burnaby campus. This system is envisaged as being able to supply hydrogen to a future automotive service technician program for fuel cell vehicles. We are also providing our expertise in generating hydrogen from solar energy to the NRC Institute for Fuel Cell Innovation at the UBC campus. BCIT is responsible for design, procurement, installation, setup and commissioning of a major hydrogen production and storage system directly connected to a 6 KW photovoltaic array.

## Technology Centre Figures 2001 – 2004

	01/02	02/03	03/04
<b>Tech Centre Revenues</b> (from applied research and technology transfer activities)	\$4,900,000	\$3,561,000	\$3,860,000
<b>Number of projects conducted</b>	134	119	119
<b>BCIT faculty conducting and assisting with R&amp;D activities</b>	86	90	62
<b>Number of External Clients</b>	75	78	85

\*\* Lower number of faculty involved in 2003/04 was due to:

- (a) Faculty involved in venture development activities were not included, and
- (b) A higher level of involvement being applied.



## **External Clients & Partners (2003/2004)**

### **Clients:**

Altex Processing Inc.  
Ancient Harvest  
Argon Security Technology  
Automated Tooling Systems  
BC Cancer Research Centre  
BC Children's and Women's Hospital  
BC Hydro  
BC Medical Device Industry Association  
BC Net  
BC Neurotrauma Fund  
BC Paraplegic Association  
Bella Coola Fisheries Ltd.  
BP International  
BSB Utilities  
Busby and Associates Architects  
Canadian Foundation for Innovation (CFI)  
Canadian Police Research Centre  
Canadian Solar Industries Association  
CANARIE eduSource Canada  
CanSIA  
celPhinder Technologies Ltd.  
Carmanah Technologies  
Cetacea Networks Corporation  
Cisco Systems – Critical Infrastructure  
Assurance Group  
Commonwealth of Learning  
Coolhead Technologies Inc.  
Douglas College  
Dr. David Fletcher  
Dr. Ken Mitchell  
Dr. Kesh Reddy  
Dr. Mel Sawyer  
DSL Industries Inc.  
Environment Canada – Pacific Environment  
Science Centre  
Freybe Gourmet Foods Ltd.  
Fusion Coffee Inc.  
Global Cancer Strategies Ltd.  
Global Plastics  
Gravitech Industries  
Haisla First Nations  
Health Canada – Health Protection Branch  
Health Canada – Population Health Fund  
Health Canada – Veterans Affairs Canada,  
Falls Prevention Initiative  
Howell-Mayhew Engineering  
Human Resources Development Canada  
Inukshuk  
Icron Technologies Corp.  
Lifebank Cyrogenics Corporation.  
Malcolm Island Coop  
Matrix Solar Technologies

Medsurge Medical Inc.  
Ministry of Advanced Education – ISTA  
Na Na Kila Institute  
National Infrastructure Security Co-ordination  
Centre (UK)  
National Research Council, Institute for Fuel  
Cell Research  
Neil Squire Foundation  
Novax Industries Corp.  
Nutri-loc Ingredients Corporation  
Occupational Health and Safety Agency for  
Healthcare (OHSAH)  
Omnex Control Systems  
Open Learning Institute  
Pacific Coast Wasabi Ltd.  
Pacific National Exhibition (PNE)  
Panagin Pharmaceuticals  
R. A. Duff and Associates  
RJ Spagnols  
Saturn Biomedical Inc.  
SeaAsia Foods  
Seigiken Laboratories Canada  
Simon Fraser University  
Social Sciences Humanities Research Council  
(SSHRC) - New Economy Initiative  
Swiss Water Decaffeinated Coffee Company  
Inc.  
Telfler Fire Grate  
TLM Developments Inc.  
Trident Filling Systems Corp.  
Tri V Pet Foods Ltd.  
University of British Columbia  
University of Oulu and University of Lapland,  
Finland  
University of Victoria, Innovation Development  
Corp.  
Vancouver General Hospital – Joint  
Replacement Centre  
Vij's Restaurant  
Workers' Compensation Board  
Xantrex Technologies  
Xillix Technologies Corp.  
YCY Chinese Medicine and Health Care Centre

**Partners:**

Advanced Interactive  
BC Advanced Systems Institute (ASI)  
BC Cancer Agency  
BC Medical Device Industry Association  
BC Ministry of Agriculture, Food and Fisheries  
(MAFF)  
BC Net  
Canadian Standards Association  
Discovery Parks Inc. and Discovery Foundation  
Empowered Networks  
Environment Canada – TEAM  
GF Strong Rehabilitation Centre  
International Collaboration On Repair  
Discoveries (ICORD)  
Investment Agriculture Foundation (IAF)  
Medical Device Development Centre  
National Research Council - IRAP  
National Research Council - Canadian  
Bioinformatics Resource  
Neil Squire Foundation  
NewMedia Innovation Centre (NewMIC)  
NHP Research Society of Canada  
Occupational Health and Safety Agency for  
Healthcare in British Columbia (OSHAH)  
Open School BC  
Pacific Agricultural Research Station (PARC)  
Science Council of BC  
Science Council of BC, Health Products &  
Functional Food Program  
Simon Fraser University  
Social Sciences and Humanities Research  
Council (SSHRC)  
Spirent Communications  
University of British Columbia  
University of British Columbia, xAgricultural  
Sciences  
Vancouver General Hospital – Prostate Centre  
Vancouver General Hospital – Spine Unit  
Vancouver School Board  
Vitesse re-skilling Canada Inc.  
Weber Shandwick Worldwide  
Western Economic Diversification Fund (WED)

# **Appendix**

## **BCIT Program List**

**Applied and Natural Sciences**

Assayer Training  
Biotechnology  
Biotechnology BSc  
Chem Sciences Environ Chem  
Chem Sciences Industrial Chem  
Chem Sciences Pulp & Paper  
Environmental Engineering  
Fish Harvesting and Processing  
Food Safety  
Food Technology  
Forensic Investigation/Science  
Forensic Science Studies  
Forensics Criminalistics  
Forest Engineering Technology  
Forest Resources Technician  
Geographic Info Systems (F/T)  
Geographic Info Systems (P/T)  
Geomatics Eng Tech Dig Mapping  
Geomatics Eng Tech Surveying  
Geomatics GIS  
Geomatics Surveying & Mapping  
Geomatics Technology  
Mining Technology  
Park Fac Maint Mgmt Inspection  
Park Mgmt Safety & Security  
Petroleum & Natural Gas Tech  
Renewable Res Forest Ecosystem  
Renewable Resource Mgmt  
Renewable Resources FWR  
Urban & Community Forestry  
Wood Products Manufacturing

**Business and Media**

Accounting  
Advanced Studies In Business  
Bcst & Media Comm Journalism  
Bcst & Media Comm Television  
Broadcast & Media Comm Radio  
Business Administration  
Call Centre Excellence Agent  
CMA Fasttrack  
Design Essentials  
E-business  
FilmFLEX  
Fin Man Advanced Accounting  
Fin Man Corporate Finance  
Fin Man Finance

**Business and Media (con't)**

Fin Man Financial Planning  
Fin Man Microfinancial Systems  
Fin Man Pro Accounting  
Fin Man Taxation  
Forensic & Investigative Acctg  
Forensic Inves Economic Crime  
Forensics Economic Crime  
Human Resource Management  
Human Resource Post Diploma  
Info Technology Management  
Integrated Management Studies  
Interior Design  
International Management  
International Trade Training  
Intl Trade & Transportation  
Intl Trade Transport Logistics  
Leadership  
Management  
Management Systems  
Marketing Management  
Media Techniques and Mktg Comm  
Media Techniques for Business  
Mediation  
Mktg Mgmt - Retail Mktg Mgmt  
Mktg Mgmt Customer Relations  
Mktg Mgmt Direct Response  
Mktg Mgmt Entrepreneurship  
Mktg Mgmt Event Marketing  
Mktg Mgmt Fundraising Mgmt Opt  
Mktg Mgmt Mktg Communications  
Mktg Mgmt Professional Sales  
Mktg Mgmt Public Relations  
Mktg Mgmt Real Estate  
Mktg Mgmt Sales Skills  
Mktg Mgmt Tourism  
Mktg Mgmt Tourism Management  
Operations Management  
Ops Man Facilities Management  
Ops Man Industrial Engineering  
Ops Man Management Engineering  
Ops Man Materials Management  
Ops Man Quality Management  
Organizational Change  
Production and Inventory Mgmt  
Professional Editing  
Venture Program

**Computing - Hardware/Systems**

Cisco Certified Network Assoc  
Cisco Certified Network Pro  
Computer Sys & Net Fundamental  
Forensic Invest Computer Crime  
Forensics Computer Crime  
Information Tech Pro (ITP)  
Internet Systems Tech (IST)  
Net Admin Tech Microsoft Opt  
Network Admin (LAN/WAN)  
Network Admin Tech Unix/Linux  
Network Enterprise Specialist  
Networking Sys Technician NST  
Tech Support Professional  
Technology Infrastructure Mgmt

**Computing - Internet/Web**

New Media Design CDROM/Web Dev  
Professional Web Dev (PWD)  
Web Development  
Web Programming  
Web Technologies

**Computing - Software/Prog.**

.NET  
Computer Sys Foundations  
Computer Systems F/T  
CST Client/Server Computing  
CST Computer Graphics  
CST Computer Systems  
CST Computer Systems P/T  
CST Data Comm & Internet Opt  
CST Data Communications  
CST Database  
CST Database Option  
CST Digital Processing  
CST Distributed Systems  
CST Embedded Systems  
CST Human Computer Interface  
CST Information Systems Option  
CST Intro Computer Info Sys  
CST Multimedia Software Dev  
CST Network Admin & Security  
CST Office Computer Skills  
CST Systems Integration Option  
CST Technical Programming  
Database Administration  
Desktop Publishing  
Digital Animation

**Computing - Software/Prog. (con't)**

Discovering Digital Animation  
Introductory Programming  
Java Programming  
Office Admin with Tech (OAT)  
Software Systems Developer SSD

**Engineering**

Arch & Building Eng Technology  
Arch Bldg Eng Tech Arch Opt  
Arch Bldg Eng Tech Bldg Sc Opt  
Arch Bldg Eng Tech Econ Opt  
Architectural Science  
Building Construction Tech  
Building Design and Arch CAD  
CAD Programming  
Civil & Struct Material Test  
Civil and Structural Eng Tech  
Civil Eng Tech DE Constr Matls  
Civil Eng Tech DE Geotechnical  
Civil Eng Tech DE Hwy Construc  
Civil Eng Tech DE Hwy Design  
Civil Eng Tech DE Subdivision  
Civil Eng Tech DE Survey  
Civil Eng Tech DE Traffic/Tran  
Civil Engineering  
Civil Engineering Tech DE  
Comp and Business Equip Tech  
Computer Aided Design Tech  
Construction Management  
Construction Management MSc  
Construction Operations  
Construction Supervision  
Development Approvals  
Elec Comp Eng Auto & Instrumen  
Elec Comp Eng Computer Ctrl  
Elec Comp Eng Elec Pwr Ind Ctl  
Elec Comp Eng Wireless Com Net  
Electrical & Computer Eng Tech  
Electronics  
Electronics Tech Common Core  
Fire Protection Inspect/Test  
House Inspection  
Manufacturing  
Mechanical Eng Design Comp  
Mechanical Eng Manufacturing  
Mechanical Eng Mech Design  
Mechanical Eng Mech Systems

**Engineering (con't)**

Mechanical Sys Air Con  
Mechanical Sys Heating  
Mechanical Sys Plumbing  
Plastics Engineering Tech  
Plastics Technology  
Power & Process Engineering  
Power Engineering General Pgm  
Power Engineering Technical  
Pump Maintenance  
Roadworks Maintenance  
Robotics and Automation  
Site Management  
Storm Drainage  
Technology Teacher Education  
Telecommunications Technician  
Waste Water Collection  
Water Distribution  
Wireless Communications Tech

**Exploration & Prep.**

Fresh Start  
Technology Entry (TE)  
Trades Discovery for Women  
Trades Discovery General

**Health Sciences**

Adult Echocardiography  
Biomedical Engineering  
Breast Imaging  
Cardiology  
Cardiology - DE  
Cardiovascular Technology  
Clinical Genetics Technology  
Clinical Research  
Combined Crit Care/Emrgcy Nurs  
Computed Tomography  
Crit Care Nurs Post Anesthetic  
Crit Care Nurs Spec Std Opt  
Diagnostic Medical Sonography  
Electroneurophysiology Tech  
Emergency Nurs Specialty Std  
Emrgncy Nursing Critical Care  
Environmental Health Dir Entry  
Health Care Management Level 1  
Health Care Management Level 2

**Health Sciences (con't)**

Health Care Quality Mgmt  
Health Informatics Tech Mgmt  
Magnetic Resonance Imaging  
Management Health Specialty  
Medical Imaging  
Medical Laboratory Science  
Medical Office Assistant  
Medical Radiography Technology  
MedLab Science Pro Qualify Pgm  
Neonatal Nurs Spec Opt Two  
Neonatal Nurs Spec Option One  
Nephrology Nursing Specialty  
Nuclear Medicine Technology  
Nursing  
Occupational Health and Safety  
Occupational Hlth Nursing Spec  
Pediatric Critical Care Nurs  
Pediatric Nursing Specialty  
Perinatal - Neonatal Option  
Perinatal Nurs Spec Std Opt  
Perinatal Perioperative Option  
Perioperative Nursing Spec  
Prosthetics and Orthotics  
Radiation Therapy  
Registered Nurse 1st Assistant  
Spec Nurs Crit Care Combined  
Spec Nurs Crit Care Post Anest  
Spec Nurs Crit Care Std Opt  
Spec Nurs Emergency Combined  
Spec Nurs Emergency Std Opt  
Spec Nurs Neonatal Option One  
Spec Nurs Neonatal Option Two  
Spec Nurs Nephrology  
Spec Nurs Occupational  
Spec Nurs Pediatric Crit Care  
Spec Nurs Pediatric Std Opt  
Spec Nurs Perinatal - Neonatal  
Spec Nurs Perinatal - Perioper  
Spec Nurs Perinatal Std Opt  
Spec Nurs Perioperative

**Trades - Construction**

Automated Woodworking Process  
Boilermaker  
Boilermaking ELTT  
Carpentry  
Carpentry Framing & Forming  
Drafting Architectural  
Drafting Structural  
Gasfitting  
Glazing  
Heat and Frost Insulator  
Hydronic Technician  
Ironworker  
Ironworking ELTT  
Joinery (Cabinetmaker)  
Joinery (Cabinetmaker) ELTT  
Piledriver and Bridgeworker  
Piping ELTT  
Plumbing  
Sheet Metal  
Sheet Metal Working ELTT  
Steamfitting  
Steel Fabricating ELTT  
Steel Fabrication  
Welding  
Welding Level C  
Welding, Level A  
Welding, Level B

**Trades - Electrical/Electronics**

Electrical  
Electricity and Ind Elec ELTT  
Industrial Instrum Serv Tech  
Industrial Instrumentation  
Security Systems Technician

**Trades - Mechanical**

Benchperson  
Circular Sawfiler  
Comp Numerical Ctrl Op  
HVAC and R Technician  
Industrial Maintenance Mech  
Machinist  
Machinist / CNC Machinist  
Machinist Core  
Millwright  
Millwright ELTT  
Refrigeration  
Refrigeration Mechanic ELTT  
Saw Fitting  
Tool and Die Technician

**Trades - Transportation**

Air & Flight Ops Comm Pilot  
Aircraft Gas Turbine Tech  
Aircraft Interior Technician  
Aircraft Maintenance Eng Cat E  
Aircraft Maintenance Eng Cat M  
Aircraft Maintenance Eng Cat S  
Aircraft Mechanical Comp Tech  
Aircraft Structures Manufactur  
Airport Operations  
Auto Collision Refinish Tech  
Auto Collision Repair Tech  
Auto Mechanic ELTT - Toyota  
Auto Service Tech Ford Asset  
Automotive Mechanic ELTT  
Automotive Mechanic VW Option  
Automotive Service Tech  
Automotive Tech GM (ASEP)  
Automotive Tech Honda (HAP)  
Automotive Technician  
Bridge Watchman  
Commercial Trans Mech ELTT  
Commercial Transport  
Diesel Electronics P/T  
Diesel Engine Mechanic ELTT  
First Mate, Intermediate Voyage  
Fishing Master Class I  
Fishing Master Class II  
Fishing Master Class III  
Fishing Master Class IV  
Heavy Duty Mechanic  
Heavy Duty Mechanic ELTT  
Inboard/Outboard Mechanic  
Inboard/Outboard Mechanic ELTT  
Marine Engineer 2nd Class  
Marine Engineer 3rd Class  
Marine Engineer 4th Class  
Marine Engineer First Class  
Marine Engineering  
Master 350 GT  
Master Ltd, over 60 GRT, Minor  
Master Mariner  
Master, Intermediate Voyage  
Mobile Equipment & Warehouse Operations  
Motorcycle Mechanic  
Motorcycle Mechanic ELTT  
Nautical Sciences  
Power Equip Mech ELTT Kelowna  
Power Equipment Mechanic ELTT  
Railway Conductor  
Watchkeeping Mate Restricted



Prepared by: Institutional Research and Planning  
(604) 432-8715  
[www.irp.bcit.ca](http://www.irp.bcit.ca)  
[irp@bcit.ca](mailto:irp@bcit.ca)

**BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY**  
3700 Willingdon Avenue  
Burnaby, B.C.  
Canada V5G 3H2  
(604) 434-5734