Glossary of Terms Used in Student Outcomes Publications

Glossary of Terms
for Publications using data from BC Student Outcomes surveys

Adult Basic Education (ABE)	In addition to courses teaching fundamental skills in English or mathematics and courses covering secondary school-level instruction, Adult Basic Education can include a range of life skills or career preparation courses.
Applied programs	Applied programs are designed to lead to employment in a specific field. For this survey, they include programs of 3 – 6 months duration, 7 – 12 months duration, 13 – 36 months duration, and the upper division of applied baccalaureate programs. All applied programs (e.g., engineering, business, nursing, education, social work, and criminology) are included, whether the courses in the programs carry university transfer credit or not. The DACSO survey has not included upper division (also referred to as upper level) applied baccalaureate programs since 2006.
Arts and Sciences programs	Arts and Sciences programs consist of courses in the liberal arts, humanities, and social or physical sciences and may lead to an associate or transfer to a baccalaureate degree program. The DACSO survey has not included upper division (also referred to as upper level) Arts and Sciences programs since 2006.
Baccalaureate programs	Undergraduate programs lasting three or four years. Upon program completion, students are awarded a bachelor's degree. (Note: As of 2006, baccalaureate students were no longer surveyed in DACSO. Instead, they are part of the Baccalaureate Graduates Survey (BGS)).
BC CIP Clusters	BC CIP Clusters are subject matter groupings of instructional programs according to the first two digits of the six-digit CIP code. (See the BC CIP Clusters table at the end of this document for details on the groupings.)
Classification of Instructional Program (CIP) Codes	The Classification of Instructional Programs (CIP) is a comprehensive taxonomy of programs of instruction based on subject matter. It was developed by the U.S. National Center for Education Statistics (NCES) and is an accepted standard for the classification of post-secondary education programs in Canada. CIP codes are used by Statistics Canada for its post-secondary data. The Student Outcomes survey project uses the 2000 edition of CIP codes.
Credential (DACSO only)	The credential is associated with the program. The credential codes are the same as those used in the Central Data Warehouse (CDW), except for the University Transfer (UT) code which was added by BC Stats for DACSO:

> **Certificate.** Awarded on completion of programs at the post-secondary level normally between 3 and 12 months of full-time equivalent study.

> **Diploma.** Awarded on completion of programs at the post-secondary level normally between 12 and 36 months of full-time equivalent study.

> **Advanced Diploma.** Awarded on completion of programs that require a diploma for entrance and are normally greater than 12 months of full-time equivalent study.

> **Associate Degree.** Awarded on completion of provincially defined academic arts or sciences programs consisting of 60 semester credits of first and second year transferable courses across a range of disciplines.

> **University Transfer.** The "UT" code is only used for programs that don't have an option for students to apply for an associate degree or other type of credential after leaving their first and second year level studies. For example, there are some programs that are specifically called University Transfer programs that don't award a credential, such as an associate degree, for students who complete the program.

> **Post-degree Certificate.** Awarded on completion of programs that require a Baccalaureate degree for entrance and are normally between 3 and 12 months of full-time equivalent study.

> **Post-degree Diploma .** Awarded on completion of programs that require a Baccalaureate degree for entrance and are normally greater than 12 months of full-time equivalent study.

> **Other Credential.** Program offers a credential based on evaluative components, but not one of the above.

> **No credential.** The "NONE" code is only used if there really is no credential awarded for the program. Ideally, all programs in DACSO should have some type of credential.

Diploma, Associate Degree, and Certificate programs	These are the instructional programs offered by each institution that participates in the DACSO survey. The programs are standardized into Classification of Instructional Programs (CIP) codes and program areas. They are also assigned standardized codes for program type and credential.
Employed	Employed respondents are those who were working at a job or business at the time of the survey.
Eligible Students (Cohort)	To be eligible for the survey cohort, former students must be in one of the following groups:

APPSO

> For Apprenticeship programs the student must have completed the final year of their in-school training, regardless of the length of the program.

> For multi-level programs (e.g., welding, cook training, etc. where each level has its own Certificate of Qualification or Certificate of Apprenticeship) the former student is eligible for surveying at the highest level they have completed.
> **AND**
> Have left their program and not been re-enrolled in the same program (or at the same level for multi-level programs), in the six months preceding the cohort data extraction.

BGS
The 2-Year-Out BGS cohort includes all students from BC universities, colleges, and institutes who graduated from an undergraduate degree program (Arts and Sciences or Applied) and were granted their degree in the calendar year two years prior to the survey year.

DACSO
> In Arts and Sciences – Lower Level programs (years one and two), the student must have successfully completed at least 24 credits from the institution with 75% of those credits at the first and second year level.
> In Applied programs of 12 months duration or less the student must have successfully completed the program of study in which she or he was enrolled.
> In Applied programs of 13–36 months duration, the student must have completed at least 75 percent of the program requirements, with the latest credits completed during the enrolment period.
> **AND**
> Have left their program and not been re-enrolled in the same program, in the six months preceding the cohort data extraction.

Foundation Programs	Foundation programs are pre-apprenticeship programs that provide trainees with the basic knowledge and skills needed for entry into a particular occupation. They are typically conducted in a classroom or shop setting and do not involve any significant work-based training component. As a result, trainees do not require an employer/sponsor to participate. These programs offer a linkage to one or more apprenticeship programs and may precede enrolment in a full apprenticeship. They may also provide credit towards apprenticeship training. For example, many of the programs known as Entry Level Trades Training (ELTT) result in a minimum of level 1 apprenticeship technical training credit.
Labour force	The labour force includes people who are employed as well as those who are looking and available for work at the time of the survey. In 2002, the survey's definition of the labour force was changed to align with that of Statistics Canada. Unemployed respondents who are full-time students looking for full-time work are now not included in the labour force. Also not included are students stating they were not

available for work because they were going to school.
Note that the BGS Labour Force definition includes all those working or seeking work: those who have a paid job lined up are counted as "employed."

Occupation	An occupation describes the type of work performed by a person or the functions of this work. The occupation classification system used in Student Outcomes' publications is the National Occupation Classification (NOC).
Program area	These are subject matter groupings of instructional programs according to the first two digits of the six-digit CIP code. There are two program area groupings commonly used in Student Outcomes publications: the CIP Area Roll-Up and the BC CIP Program Clusters. (See the CIP Area Roll-Up and BC CIP Program Clusters at the end of this document.)
Program type	This refers to the distinction made between Applied programs and programs designated as Arts and Sciences.
Respondent	This refers to a former student who responded to the survey (APPSO, BGS, or DACSO).
Survey Mode	Survey mode refers to the mode by which a respondent completed the survey. Starting in 2007 the DACSO survey has been administered in a mixed-mode fashion, using both telephone and web survey methodologies. The BGS survey was also administered in a mixed-mode fashion. The APPSO survey, up to and including 2010, was administered by telephone only. In 2011, the APPSO survey was mixed-mode.
Training-related occupations	These are occupations that the respondent describes as "very" or "somewhat" related to their studies.
Unemployed	This refers to respondents who were not employed at a job or business at the time of the survey but who were in the labour force. (Full-time students looking for full-time work and students who are *unavailable* for work are excluded. Therefore these two groups are *neither* unemployed nor employed).
Unemployment rate	The unemployment rate represents the number of unemployed respondents expressed as a percentage of the labour force (see definition of labour force in this glossary).

BC CIP Program Clusters

Arts and Sciences

CIP	Title
05	Area, ethnic, cultural, and gender studies
09	Communications, journalism and related programs
10	Communications technologies/technician and support services
16	Foreign languages, literatures, and linguistics
23	English Language and literature/letters
24	Liberal arts and sciences, general studies and humanities
26	Biological and biomedical sciences
27	Mathematics and statistics
30	Multi/inter disciplinary studies
38	Philosophy and religious studies
39	Theology and religious vocations
40	Physical sciences
42	Psychology
45	Social sciences
54	History
55	Langue et literatures française/letters

Trades

CIP	Title
12	Personal and culinary services
46	Construction trades
47	Mechanic and repair technologies/technicians
48	Precision production
49	Transportation and materials moving

Business and Management

CIP	Title
52	Business, management, marketing and related support services

Health

CIP	Title
51	Health professions and related clinical sciences
60	Residency programs

Engineering and Applied Sciences

CIP	Title
01	Agriculture, agriculture operations and related sciences
03	Natural resources and conservation
04	Architecture and related services
11	Computer and information sciences and support services
14	Engineering
15	Engineering technologies/technicians
41	Science technologies/technicians

BC CIP Program Clusters

Education

CIP	Title
13	Education
25	Library services

Human and Social Services

CIP	Title
19	Family and consumer sciences/human sciences
22	Legal Professions and studies
31	Parks, recreation, leisure, and fitness studies
43	Security and protective services
44	Public administration and social service professionals

Visual and Performing Arts

CIP	Title
50	Visual and performing arts

Developmental

CIP	Title
21	Technology education/industrial arts programs
32	Basic Skills
53	High school/secondary diploma and certificate programs

Personal Improvement and Leisure

CIP	Title
33	Citizenship activities
34	Health-related knowledge and skills
35	Interpersonal and social skills
36	Leisure and recreational activities
37	Personal awareness and self-improvement
89	Continuing Education

Other

CIP	Title
28	Reserve entry scheme for officers in the armed forces
29	Military technologies
99	Unknown

CIP* Codes Roll-Up to Program Area

Program Area: Agriculture, Natural Resources and Science Technologies

CIP   **Description**

01   AGRICULTURE, AGRICULTURE OPERATIONS, AND RELATED SCIENCES.

03   NATURAL RESOURCES AND CONSERVATION.

41   SCIENCE TECHNOLOGIES/TECHNICIANS.

Program Area: Arts and Sciences

CIP   **Description**

05   AREA, ETHNIC, CULTURAL, AND GENDER STUDIES.

16   FOREIGN LANGUAGES, LITERATURES, AND LINGUISTICS.

23   ENGLISH LANGUAGE AND LITERATURE/LETTERS.

24   LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND HUMANITIES.

26   BIOLOGICAL AND BIOMEDICAL SCIENCES.

27   MATHEMATICS AND STATISTICS.

30   MULTI/INTERDISCIPLINARY STUDIES.

38   PHILOSOPHY AND RELIGIOUS STUDIES.

39   THEOLOGY AND RELIGIOUS VOCATIONS.

40   PHYSICAL SCIENCES.

42   PSYCHOLOGY.

45   SOCIAL SCIENCES.

54   HISTORY.

55   LANGUE ET LITTERATURES FRANCAISE/LETTRES.

Program Area: Business and Management

CIP   **Description**

52   BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES.

Program Area: Communications

CIP   **Description**

09   COMMUNICATION, JOURNALISM, AND RELATED PROGRAMS.

10   COMMUNICATIONS TECHNOLOGIES/TECHNICIANS AND SUPPORT SERVICES.

Program Area: Computer and Information Services

CIP   **Description**

11   COMPUTER AND INFORMATION SCIENCES AND SUPPORT SERVICES.

Program Area: Construction and Precision Production

CIP   **Description**

04   ARCHITECTURE AND RELATED SERVICES.

46   CONSTRUCTION TRADES.

48   PRECISION PRODUCTION.

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* Classification of Instructional Programs

CIP* Codes Roll-Up to Program Area

Program Area: Culinary, Personal Service and Recreation

CIP	Description
12	PERSONAL AND CULINARY SERVICES.
31	PARKS, RECREATION, LEISURE, AND FITNESS STUDIES.

Program Area: Education and Library Science

CIP	Description
13	EDUCATION.
25	LIBRARY SCIENCE.

Program Area: Engineering, Electrical and Electronics

CIP	Description
14	ENGINEERING.
15	ENGINEERING TECHNOLOGIES/TECHNICIANS.

Program Area: Health

CIP	Description
51	HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES.
60	RESIDENCY PROGRAMS.

Program Area: Legal and Social

CIP	Description
19	FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES.
22	LEGAL PROFESSIONS AND STUDIES.
43	SECURITY AND PROTECTIVE SERVICES.
44	PUBLIC ADMINISTRATION AND SOCIAL SERVICE PROFESSIONS.

Program Area: Mechanical and Related

CIP	Description
47	MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS.

Program Area: Transportation

CIP	Description
49	TRANSPORTATION AND MATERIALS MOVING.

Program Area: Visual, Performing and Fine Arts

CIP	Description
50	VISUAL AND PERFORMING ARTS.