

# Building an Online Calendar

This presentation will show how BCIT created and managed the project team, got buy-in and involvement from our stakeholders, created and stuck to our timelines, built our database and successfully implemented an on-line calendar within two years. I will also log into BCIT's website to demonstrate the enhancements we have added since the original project was completed.

# A bit about BCIT

- 5 main campuses and 20 satellite locations
- 16,000 full time and 32,500 part time students
- Over 400 programs in the areas of Business and Media, Computing and Information Technology, Engineering, Applied and Natural Sciences, Health Sciences and Trades, Vocational and Apprenticeship.
- 14,910 courses
- 6,411 sections taught in Winter 2006 term
- 5000+ graduates per year

# Agenda

- Introduction - BCIT Online Calendar Project
- System Analysis and Design
  - Data Collection
  - Data Extraction
- Implementation
- Benefits

# Introducing the...

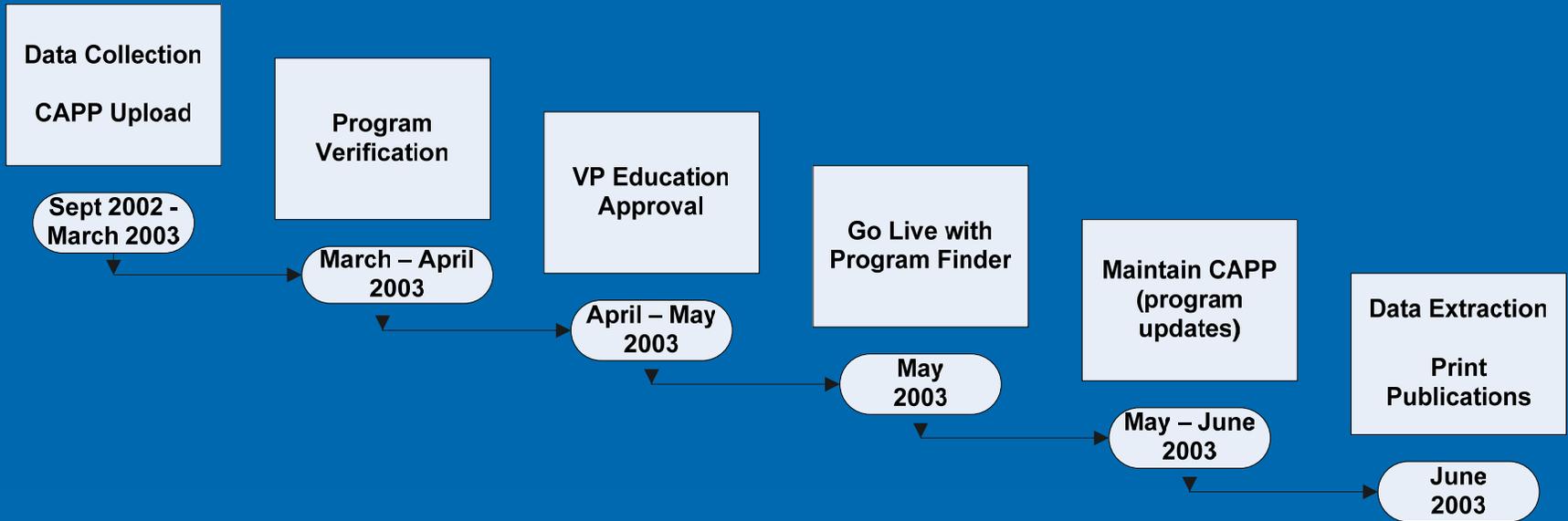
# Online Calendar project

- CAPP - Curriculum Advising Program Planning
  - BANNER module for tracking student progress in a program
- WPD - Web/Publication Database project
  - Web solution extracting CAPP information for publication purposes
- In the big picture....
  - Increase internal efficiencies
  - Improve customer service

# History

- Project began as a concept.
- External vendor ran away from the project.
- Internal expertise and a will to get this done persevered.
- Project endorsed by the Web Steering Group and began to make progress. (2001)
- Over 6 months was spent on determining how to make the system work. (2001/02)
- Another 6 months was spent ensuring data was loaded and it could be pulled out in a useable format. (2002)
- Presentation to ET/IT Committee to ensure communication of project (2002)
- Final stage was involving schools in a gigantic 'spring cleaning'. (2003)

# Timeline



# CAPP

- Data collection
- Program Verification
  - Verified program matrix and course information
  - Applied applicable education policies
- VP Education Office final approval and announcement to BCIT community

# WPD

- BCIT TeamWeb provides the foundation for web data extraction
- HTML coding is applied to text in CAPP to further format the data
  - `<b>`, `<i>`, `<ul>`, `<br>`....
- Print codes are used to determine where text is displayed in a program matrix
  - WEBA (after section), WEBB (before section), WEBC (beside section)...

# Program Matrix Structure

Program

Area

Restricted

Mandatory Courses

BCIT :: International Management: Part-ti...

http://www.bcit.ca/study/programs/6210acert

program matrix

1. Required courses:		Credits
BLAW 3425	International Law	3.0
BUSA 3455	Introduction to E Business	3.0
HRMG 3765	Intercultural Management 1	3.0
HRMG 3775	Intercultural Management 2	3.0
MKTG 2325	Marketing Globally	3.0
TDMT 1104	International Trade 1	3.0

and

ECON 1150	Economic Issues	3.0
or		
ECON 2200	Macroeconomics	4.0

2. Complete 3.0 credits from the following list of electives:

		Credits
BLAW 3205	Internet Law	3.0
BUSA 2205	Entrepreneurial Management	3.0
BUSA 3005	Strategic Business Planning	3.0
TDMT 2204	International Trade 2	3.0

Total Credits: 24.0

Area

Flexible

Elective Courses

# Non-matrix information

- Free form text sections developed to allow non-matrix program information to be added into CAPP
  - eg. Introduction, Entrance Requirements, Grad Employment Outcomes, etc.
- HTML coding used with text to enhance formatting on the web

# Publications

- Program Finder <http://www.bcit.ca/study/>
- Path Finder
- Run-off brochures
- Part-time flyer – coming soon

# Creation of Program Finder

BCIT : : find programs & courses - Microsoft Internet Explorer

Back Forward Stop Home Refresh Print Mail

File Edit View Favorites Tools Help

Links TEST programs CARP SS Marqui iPrint Printers Kiosk Stats - Program Matrix - BCIT HelpDesk Google jackFM Customize Links

Address http://www.bcit.ca/study/ Go

**BCIT** BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY  
A POLYTECHNIC INSTITUTION

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programs & courses admission & registration life at bcit applied research about the institute bcit home

## programs & courses

**IN THIS SECTION**

- find programs & courses
- learning options
- access & transfer
- bcit credentials
- download catalogues
- faq

**RELATED LINKS**

- program advising
- financial aid & awards
- attend an info session
- distance & online learning
- cooperative education
- apprenticeship
- upgrading
- transfer credit
- industry training
- calendar of events
- classroom locations

**WHAT'S NEW?**

Interested in getting reminders and other info on part-time courses? It's as easy as entering your e-mail address and clicking the "Sign up" button:

**Get a head start - skip the cart.**  
If you already know your course reference numbers, you can [log in and register now.](#)

**spring part-time courses**  
Registration is now open for the Spring/Summer 2006 term.

**find part-time courses**  
  
Find it >>  
Advanced Course Search

**find programs**  
  
Find it >>  
Advanced Program Search

**PROGRAMS vs. COURSES:**

**what's the difference?**

**Full-time programs** consist of a set of courses that lead towards a goal. You must apply to enter a program at BCIT, and once accepted, you complete a predetermined series of courses.

**BROWSE PROGRAMS**

**by category**

- business & media
- computing & information technology
- engineering, applied & natural sciences
- health sciences
- trades & apprenticeship

**by learning option**

- full-time
- part-time
- distance & online learning
- co-operative education

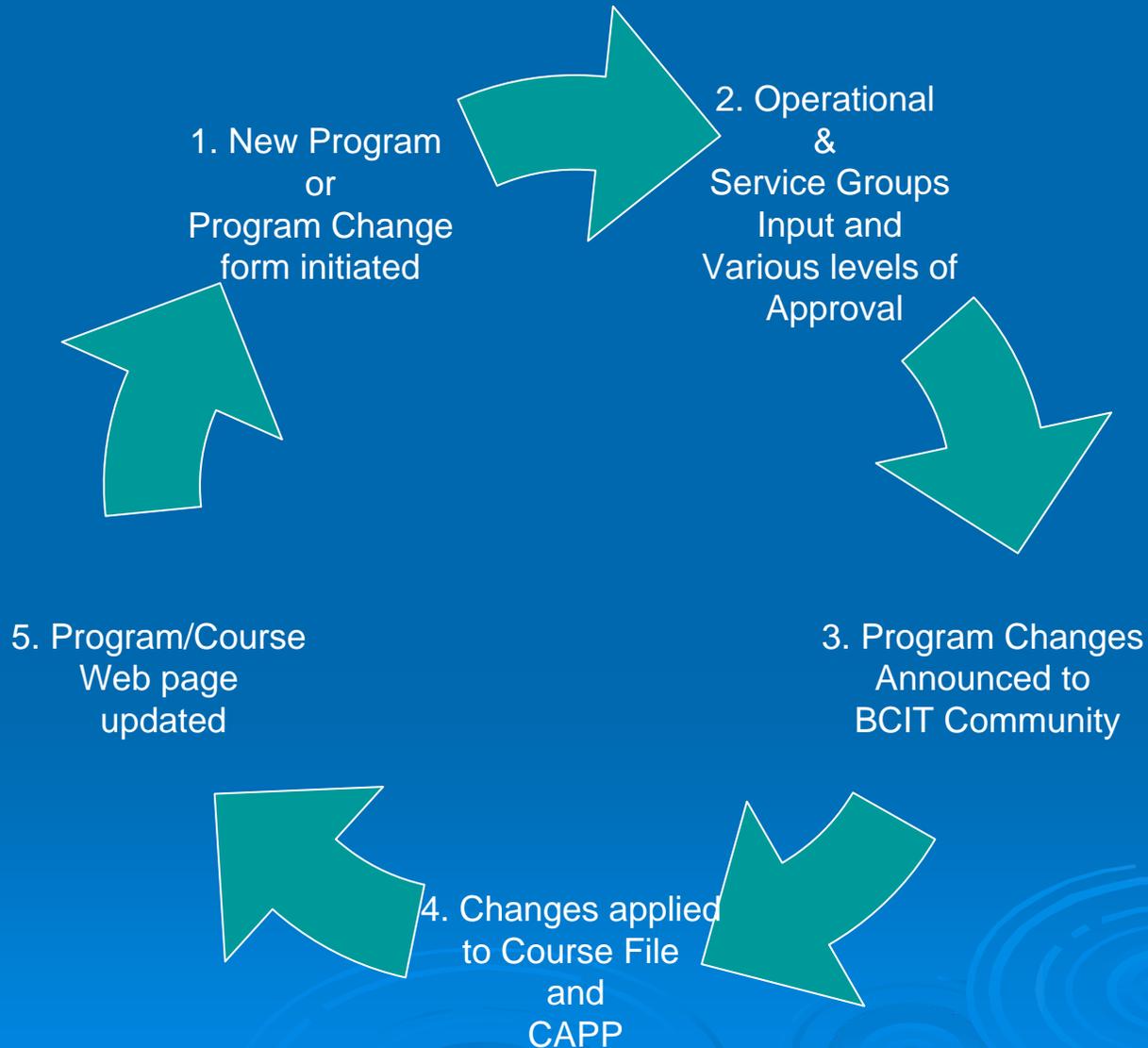
**by credential**

- statement of completion
- associate certificate
- certificate
- BCIT/industry partnership
- diploma
- advanced specialty certificate
- advanced diploma

http://www.bcit.ca/study/programs/list?c%5B%5D=7

Internet

# Program Changes



# Benefits

- Data stored in **ONE** source available for **MULTIPLE** uses:
  - Publications
  - Direct marketing for courses and/or programs...
  - Reporting capabilities
  - Track student progress through Compliance
- Archiving of program requirements
- Standard look for programs and courses
- Reusable data
- 30 minute turnaround for changes made in CAPP to be seen on the online calendar

# The System and the People

- “It’s not a software project...it’s a people project.”
- Project had as much to do with a shift in culture and process as it did with systems
- Departments working together
- VP Education involvement
- Continues to be a true team effort

# What's Next?

- We've made a huge step...
- ...and we've just started...!
- Part-time information - flyer
- CAPP used for students to run self evaluation
- CAPP used internally for graduation audit