

**Capilano University**

Department of Computing Science  
 Institutional Report,  
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Submitted by Jo Wang

**Enrolment**

Enrolment in our first year courses has been steady in recent couple of years. Our comp121 is filled up but still insufficient to run any second year courses again next year. Steady demand continues for our service and general interest courses; all these courses are filled up, some with long waitlists.

**Faculty**

Current faculty:  
 3 regular full-time  
 2 regular half-time

**Computing environment**

- University has been upgraded to Windows 7 in all computer labs. Faculty computers are still running Windows XP, but will be upgraded later this year.
- Our dept. goal is to move towards open-source environments wherever practicable.
- Using BlueJ and NetBeans for Java Development Environment.
- Using Code: Blocks with gcc compiler for Comp120—C programming for Engineers.
- Capilano has been using Moodle for all its course management for years. Moodle has proven itself to be a robust, flexible platform, with broad adoption across the University.

**Curriculum**

<b>Courses</b>	<b>Description</b>	<b>Audience</b>	<b>Programming Language</b>
Comp101	Computer Fluency	Non-science majors	Excel, HTML, Alice/Python
Comp165	Web design & programming	Non-CS majors	HTML, CSS, Python/JQuery
Comp106	Programming with Robots	Engineering transition	NXT Graphical & NXC
Comp 107	Animated 3D Game	CS-prep, non-CS	Alice

	with Alice	majors, & Digital Animation	
Comp120	Intro. to Computer Systems & Programming For Engineers	Engineers	C
Comp121/126	Fundamentals of Prog. /Principles of s/w Design	CS majors	Java / BlueJ