

The Fifth International Workshop on
Learning Methodologies and Platforms used in the Cisco
Networking Academy
LMPCNA 2013
March 24 - 29, 2013 - Lisbon, Portugal



How to add value and increase income with Vendors resources

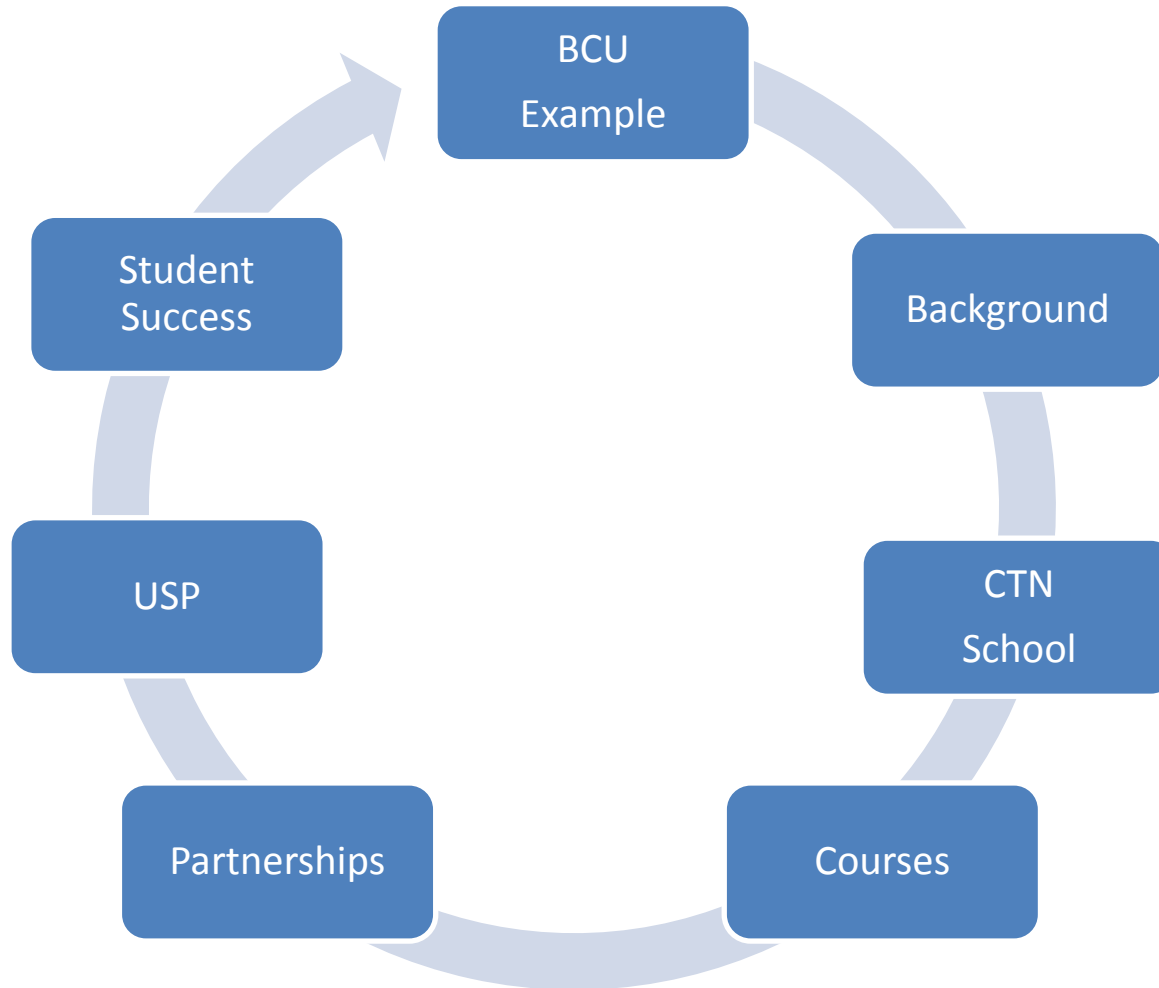
Mak Sharma, BEng, PgC, PGCE, MIET, MBCS.

Head of School.

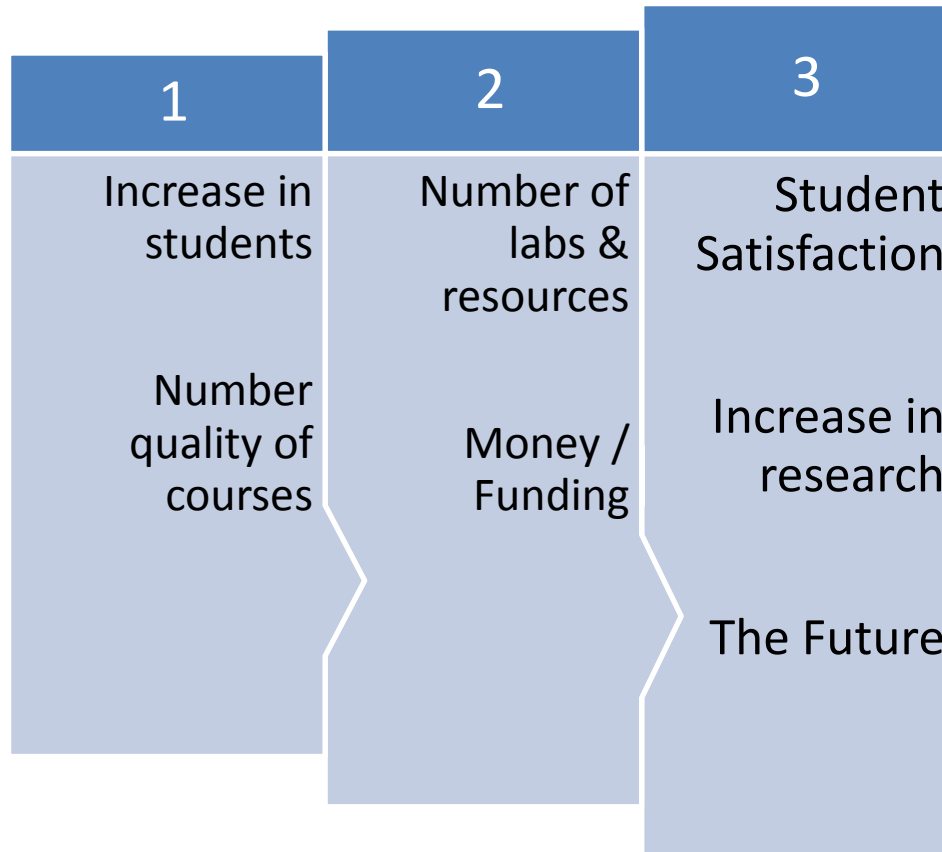
mak.sharma@bcu.ac.uk

0121 331 5400

Agenda



Add Value ?



Background



One of the top 30 universities in the UK for placing students in graduate-level jobs

Sunday Times University Guide 2012

One of the top 10 universities in the UK for spending on facilities

Complete University Guide 2013

“Close and sustained” partnership between University and students

Quality Assurance Agency report 2011

Times Higher Education award winners

2011 (International Strategy), 2010 (Student Support), 2009 (Recruitment)

Student Satisfaction rating of 80 per cent

National Student Survey 2011

Outstanding Graduate Employability



- **We work with companies** like Apple, *Cartier* and the BBC to develop industry-specific, up-to-date programmes and to collaborate on course projects
- **Mentoring schemes** give students the chance to learn from our successful graduates in a variety of fields
- We offer students opportunities for **work placements, European exchange years** and **sandwich courses**
- New **Student Employment Scheme** will offer opportunities for part-time work in a range of roles at the University
- Help develop the skills needed for employment or self-employment as you learn

83 per cent of Birmingham City University full-time first degree graduates were in work or further study within six months of graduation
Higher Education Longitudinal Survey 2010



Why us?



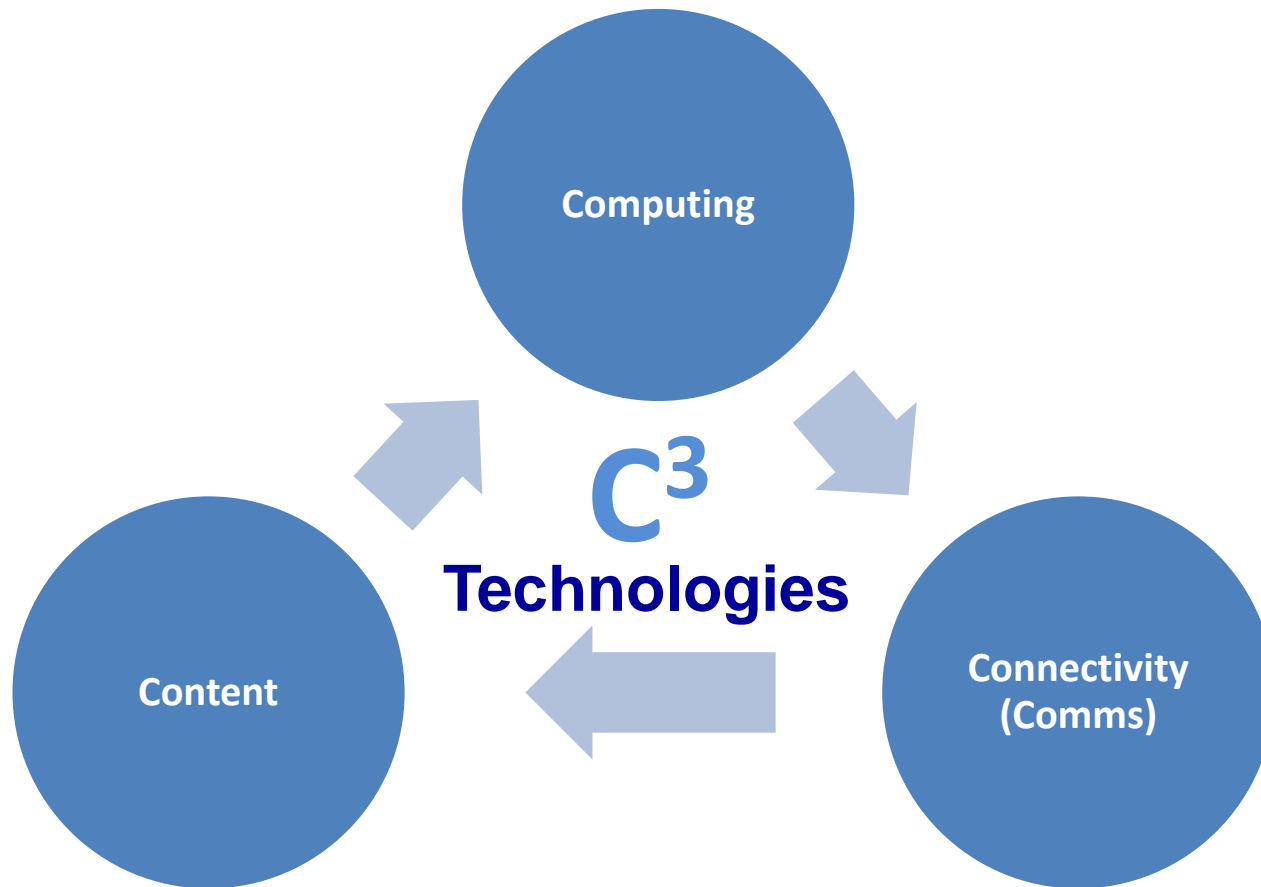
National Student Survey

Students on our undergraduate Computer Science courses are among the most satisfied in the country.

Figures released by the 2012 National Student Survey (NSS) reveal that Computer Science students had an overall satisfaction rate of 93%, which is 13 points above the sector average of 80%.

This puts us 6th in the national table of over 117 universities and further education colleges (excluding small and specialist institutions) in terms of student satisfaction.

Computing Telecoms Networks



...together we can succeed and make a difference ...



Computing



Samsung GALAXY S II

Prepare yourself for Samsung's thinnest smartphone

[Click here to find out about the Samsung Galaxy S II](#)



TAG Heuer
SWISS MADE SINCE 1860
Official Authorised Dealer

0% Finance Options Available >>

> BEAUTY IS WITH THIN

The new Toshiba Z830.
The ultra thin Ultrabook™.

[▶ MORE INFO](#)



Content



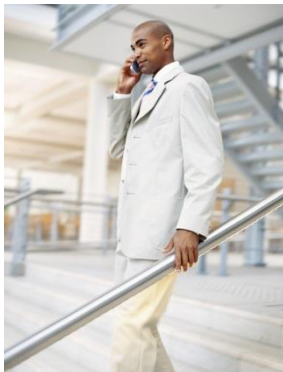
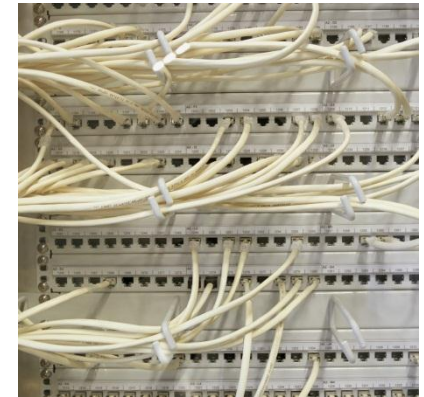
Upgrade Your Communications

Replace your old PBX system with Cisco Unified Communications and get significant savings.

[Learn How](#)



Connectivity



Work, Rest, Play



Work



Rest



Play

Courses



Research Group	Enterprise Platforms		Forensics and Security		Robotics and Intelligent Systems
Academic Groups	Computer Science	Information Systems	Security Systems	Data Comms	Electronics
Undergraduate Courses BSc	Computer Science	Business IT	Forensic Computing	Computer Networks	Electronic Engineering BEng
	Computer Games Technology	IS*	Computer Networks and Security	ICT	BEng Computer System Technology
		Business Intelligence			
Postgraduate Courses MSc	Computer Science	Computing	Data Networks and Security	Telecoms RDI	MEng Electronic Eng*
	Business Computing	Business Intelligence			Mechatronics*

Course structures - example



Level 6 (Year 3)

BSc (Hons) Forensic Computing

<p>30 Credits</p> <p>Individual Project (CTN) UG3</p> <p>PRJ6021</p>	<p>15 Credits</p> <p>Computer Law and the Law of Evidence UG3</p> <p>CMP6054</p>	<p>15 Credits</p> <p>Digital Device Forensics UG3</p> <p>CMP6055</p>	<p>30 Credits</p> <p>Forensic Investigation of IT Systems UG3</p> <p>CMP6056</p>	<p>30 Credits</p> <p>Advanced Networking Technologies UG3</p> <p>CMP6039</p>
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Placements (Sandwich courses)

Level 5 (Year 2)

<p>15 Credits</p> <p>Management in Technology Innovation UG2</p> <p>ENG5029</p>	<p>15 Credits</p> <p>The English Legal System UG2</p> <p>CMP5072</p>	<p>30 Credits</p> <p>Computer Mobile OS for Forensic Examiners UG2</p> <p>CMP5057</p>	<p>30 Credits</p> <p>Security Systems Theory UG2</p> <p>CMP5069</p>	<p>30 Credits</p> <p>Switched LANS & WANS UG2</p> <p>CMP5071</p>
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Level 4 (Year 1)

<p>15 Credits</p> <p>Data Analysis UG1</p> <p>CMP4097</p>	<p>15 Credits</p> <p>Professional Context of Technology UG1</p> <p>CMP4112</p>	<p>30 Credits</p> <p>Computer Technology and Software Systems UG1</p> <p>CMP4136</p>	<p>30 Credits</p> <p>Computer Forensic Fundamentals UG1</p> <p>CMP4093</p>	<p>30 Credits</p> <p>Computer Networking Basics UG1</p> <p>CMP4094</p>
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Business

Information Technology & Law

IT Forensics

Security and Digital Evidence

Communication Networks

Assessments



Typically two or three assessments for 30 credit module

One or two assessments for 15 credit module

Info available through student management systems

Summative - these count and Formative - for Fun:

Tests (quizzes/multi-choice etc)

Traditional written Exams

Practical based Exams

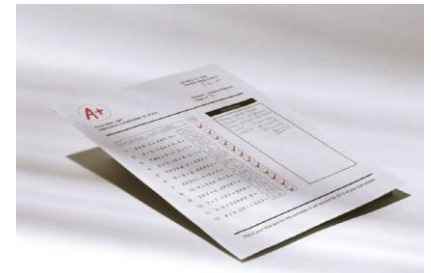
Coursework reports

Presentations

Group Presentations

Electronic log books

KAV



Industrial Partnerships



Superior software that gives you
THE POWER TO KNOW.



Digital Forensic Tools



EnCase Forensic



Forensic Tool Kit



Mac Forensics



Stegosuite



Forensic HDD Duplicators



Hard Drive Repair Tools



.XRY / XACT Forensic
SIM ID Cloner
& Phone Investigator



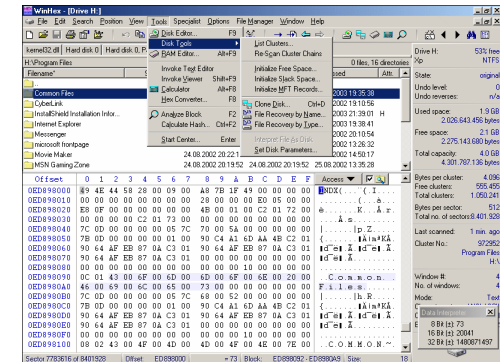
Gargoyle
Investigator
Forensic Pro



HD Doctors

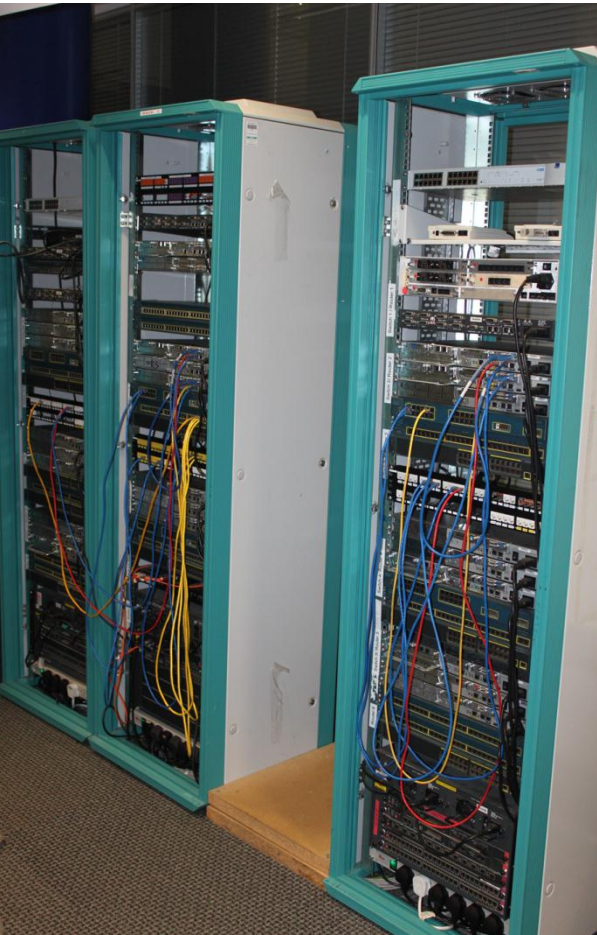


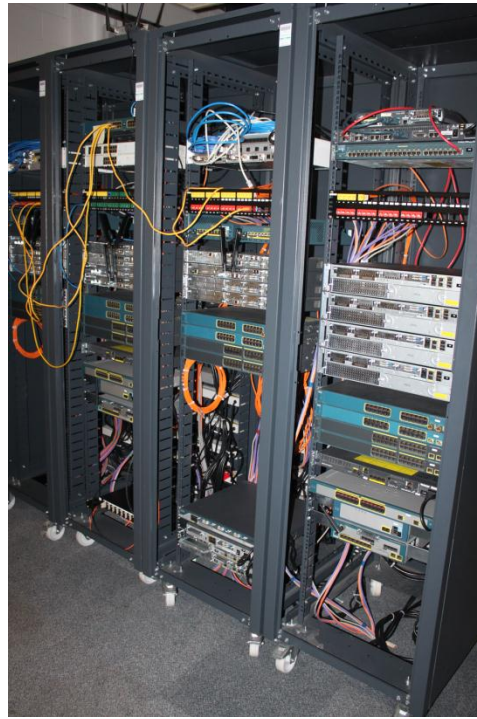
Tableau Write Blockers



X-Ways WinHex

CISCO
Networking
Academy





Games Technology



Computer Games Companies:

Electronic Arts <http://jobs.ea.com>

Blitz Games www.BlitzGamesStudios.com

Codemasters www.codemasters.co.uk

Jagex www.jagex.com

Rare www.rareware.co.uk

Our USP



14 courses – 1100 FTEs working with 11 Companies

BSc ICT

- Cisco
- Microsoft
- SAS
- Oracle
- Citrix

Microsoft

- 500+ Certifications
- 35 PDC courses
- 7 Days a week
- Contract work

**BSc Comp Networks
and Security**

- Cisco
- 600 students

Pearson Vue & Prometric

6 Days a week

Applications 2013?



FdSc Information and Communications Technology	52
BEng (Hons) Electronic Engineering	77
BEng (Hons) Electronic Engineering (FY)	46
BEng (Hons) Telecommunications and Networks	13
BEng (Hons) Telecommunications and Networks (FY)	18
BSc (Hons) Computer Games Technology	275
BSc (Hons) Computer Networks	121
BSc (Hons) Computer Networks and Security	191
BSc (Hons) Business Information Technology	188
BSc (Hons) Computer Science	458
BSc (Hons) Forensic Computing	175
BSc (Hons) Information and Communications Technology	192

Total 1439

Market Positioning



Resources

1100 Full Time from
£3,000 – £10,000

35 PDC courses from
£100 – £1,000

42 Staff

4 Fulltime Cisco

12 Teaching Vendor
Resources

8 Dedicated labs

Activity

35+ Cisco Academies

30+ Prisons
Academies

2 Contracts

USP

1 of 21 ASC

1 of 5 Forensics
Academic Centres

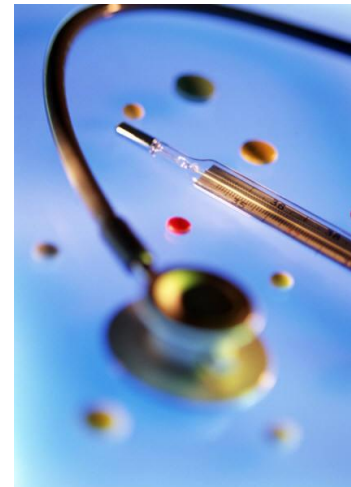
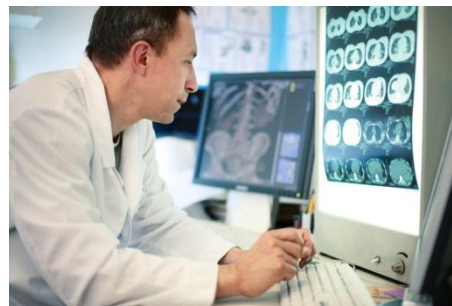
First SAS Academy

Midlands Cyberoam
Academy

Collaborations



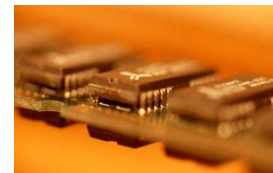
Research



Job opportunities




- Business: analysts, business developers
- Games, Software and Database: analysts, developers
- Statistical Information: presentation, analysts, security, programmers/developers, AI & KBE
- Electronic, Comms, embed systems: design & develop
- Network: design, development, test, secure
- Network: system administrators, support, sales
- Systems integrators including Media Systems, A/Video
- Unified Communication and Digital Media Signage
- Security design engineers and consultants
- Internet and e-commerce: applications, systems design, development and security




Student Success



The screenshot shows a web browser window displaying the Zibit Datalab website. The browser's address bar shows the URL www.zibitdatalab.co.uk/about/about_zibit_datalab.html. The website header features the Zibit Datalab logo on the left and the text 'DIGITAL FORENSICS AND DATA RECOVERY' on the right, with a phone number '0844 579 1140' displayed in a digital font. A navigation menu includes links for Home, Data Recovery, Forensic Services, Resources, Partners, About Us, and Contact. Social media icons for Twitter, LinkedIn, and WordPress are also present.


Co-Owner: Dominic Nielsen-Groen

Started Zibit Datalab in 2008 as a mobile forensic resource and is Managing Partner

Co-Owner: Christopher Elmore

Joined in 2010 as Partner and looks after Sales and Marketing.

About Zibit Datalab

Zibit Datalab started in 2008 as a mobile phone forensics resource. Our website has undergone a lot of changes recently and we now offer a range of data recovery and digital forensic services, including the PM absolute database, which is still available [here](#).

Zibit Datalabs launched new services on the 1st of February 2011 after moving into their newly acquired office in Fort Dunlop, Birmingham.



Home Terms & Conditions Careers About Us Contact [UK Computer Repair Services](#) [IT Professionals](#) Copyright Zibit Datalabs 2011

The stats ?



- 50 Placements currently available across UK
- 12 Projects for BCU
- 6 Placements with Cisco Partners
- 6 Placements with Cisco
- 6 Employed with Cisco in 2010
- 6 Employed with Cisco in 2011
- 5 Forum days across UK
- 1 Employment day at BCU (3 events in 2012)

The future... C³



Digital Cities, Buildings & Transportation



Security & Forensics



Data Analytics & Intelligence



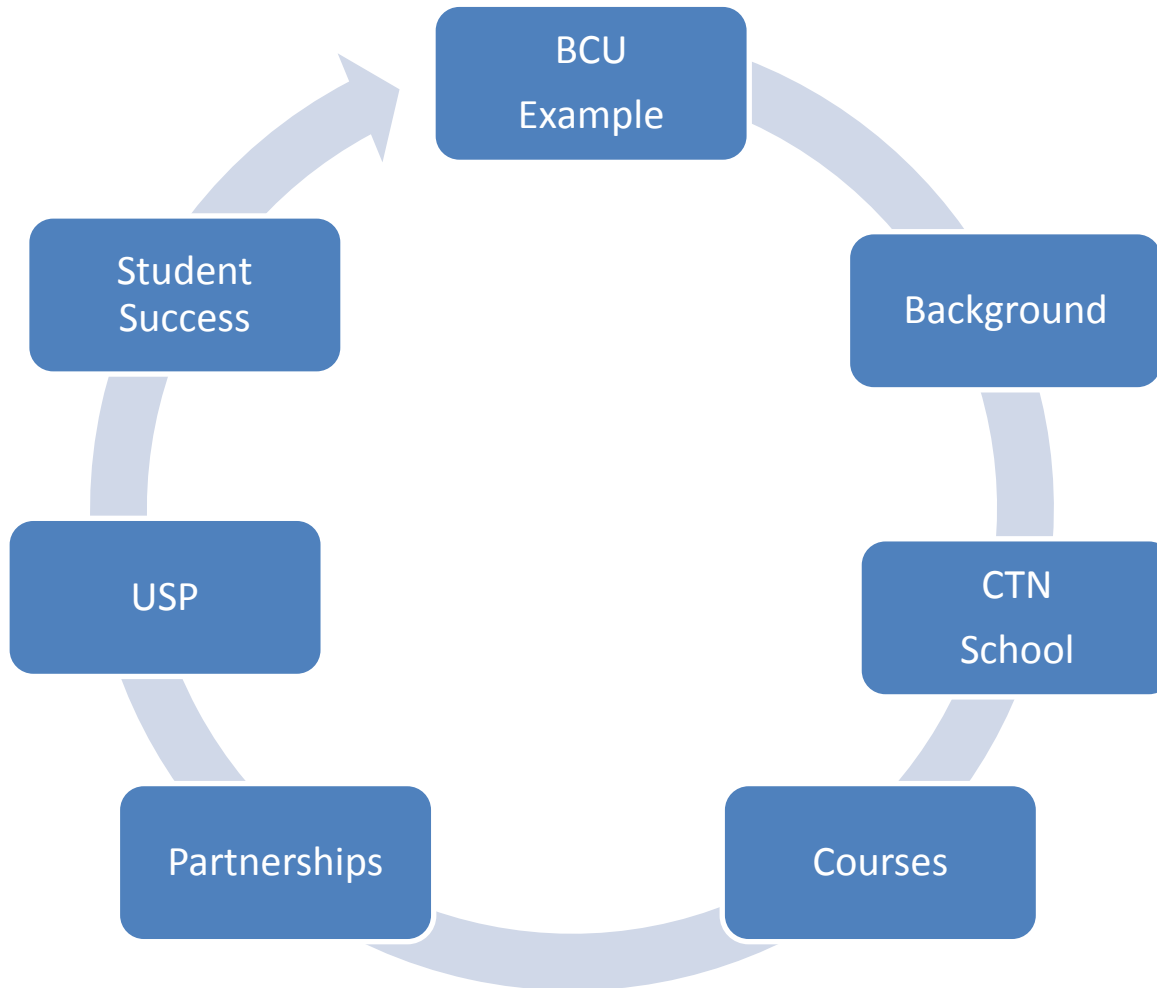
Greener & Sustainable ICT



Communications



Summary



Any Questions

