

Other Training Providers contacts

Alchemy Consultancy – Performance and Executive Coaching, Training, Consultancy and Recruitment Support

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Barnfield Training Services – Management of Apprenticeship Training Programmes

Apprenticeships
01582 569579
mary.palmer@barnfield.ac.uk

Education and Youth Services – Training for disadvantaged and disaffected individuals

Entry 2 Employment – Richard Atkinson
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MCT Services – Bespoke Training for SMEs

Business and Technical – David Fenion
01582 536452
mctservices@ntlworld.com



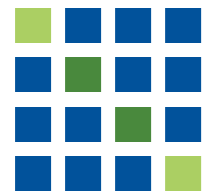
The training and skills guide



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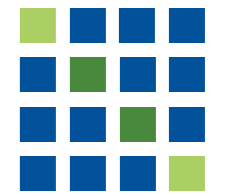




Aerospace and Engineering

Training levels 1-5 and Apprenticeships

Career / skills areas	Barnfield	Bedford	Cranfield	Dunstable	UH	UoB
Aerodynamics		2-4	5		4-5	none
Aerospace management			5		4-5	
Aerospace systems supplies		2-4				
Aircraft accident investigation			5			
Aircraft construction		2-4			4	
Airlines					4-5	
Airworthiness			5			
Avionics		2-4			4	
Civillian aerospace engineering		2-4	5		4-5	
Computer aided engineering		2-4		2		
Consultancy			5			
Defence aerospace engineering		4	5		4-5	
Design and manufacture			5		4-5	
Electronic engineering	2-3	2-4		2		
Engineering management					5	
Flight control systems			5			
Flow modelling and design			5			
Fluid dynamics			5			
General engineering	2-3, A	2-4	5	1-3, A	4	
Instrumentation and control	1	2-4				
Machine operations, workshop processes		2-3				
Machinery design and operation		2-4	5			
Management		3-4	5			
Management of change and innovation					4	
Materials research, design and development			5			
Micro-electronic systems				2-3		
Military aviation					4	
Nanotechnology			5			
Network engineering		2-4			4	
Precision engineering			5		4	
Process engineering					4	
Production and manufacturing		2-4	5	3		
Propulsion and transmission engineering			5			
Research			5			
Safety-critical industries			5			
Space industries incl. research			5			
Structural design			5			
Technical specialist					4-5	
Thermal power			5			



Airport

Training levels 1-5 and Apprenticeships

Career / skills areas	Barnfield	Bedford	Cranfield	Dunstable	UH	UoB
Air cabin crew	2-3	2		2		
Air fares and ticketing	2-3	2-3				
Air transport management			4			4
Aircraft accident investigation			4			
Airline operations	3		4		4	4
Airworthiness			4			
Catering incl. craft catering	1-3	1-3				
Consultancy and research			4			5
Customer services and relations	1-3	2-3		2-3	4	4
Handling air passengers	2			3		4
Hospitality and hospitality management	3	2-4		3		4
Hotel and restaurant management, catering		3-4				
Reception	1-2	2				
Resort representatives	2			2	4	4
Sales and marketing – Airports and Airlines			4	3		
Theme parks						4
Transport companies						4
Travel and tourism	1-3	1-4		2-3	4	4-5

Aerospace and Engineering contacts

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Dunstable
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UH – University of Hertfordshire
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Airport contacts

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 helen.mayhew@barnfield.ac.uk
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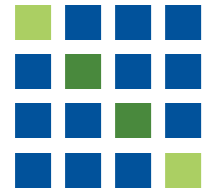
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www.cranfield.ac.uk/soe/airtransport

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01707 284201
 s.murray@herts.ac.uk

UoB – University of Bedfordshire
01582 743122
 peter.mason@beds.ac.uk
www.beds.ac.uk/departments/tourism



Food and Drink

Training levels 1-5 and Apprenticeships

Career / skills areas	Barnfield	Bedford	Cranfield	Dunstable	UH	UoB
Catering	1-3	1-4				
Chef training	1-3	1-3				
Cookery	1-2					
Customer service	1-2	3		2		
Drink service	2-3	2				
Equipment manufacturing			5			
Food hygiene	2	1		1		
Food preparation and cooking	1-3	1-3				
Food service	2-3	2-3				
Hotel management	2-3	3-4				
Kitchen portering		1				
Nutritional sciences – top-up						4
Patisserie and confectionery	2-3	3				
Production engineering					4	
Restaurant management		2-3				
Waste management			5			
Wine matching, serving, tasting	1-3					
Health and safety at work	2					

Food and Drink contacts

Barnfield
01582 569500
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 www.barnfield.ac.uk/BarnfieldFulltime.pdf

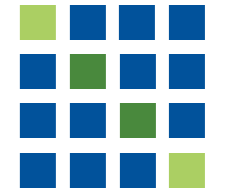
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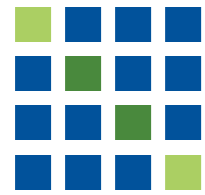
UoB – University of Bedfordshire
01582 743122
 neville.punchard@beds.ac.uk
 www.beds.ac.uk/departments/science/courses



ICT

Training levels 1-5 and Apprenticeships

Career / skills areas	Barnfield	Bedford	Cranfield	Dunstable	UH	UoB
Animation					4	4
Artificial intelligence applications					4	4
Communication technology	2-3				4	
Computer aided design	2-3	2-3	5			
Computer hardware technology	4, A	2-4				4
Configuration of switches and routers	2-4	2-4		3-4		
Consultancy			5		4	4
Database implementation and management	2-4	3-4				4
Design and process engineering			5		4	
Development of computer systems	2-4	3-4		4		
Digital technology			5			
e-Business and e-commerce	2-3		5		4	4
Games development	3-4	4			4	4-5
Graphics	2-3	2-4		1-3		4
Hardware and software integration	2-3	2-3			4	
Hardware design		2-4			4	
Information systems	2-3	4				
Internet programming and design	2-4					4-5
IT and customer support	A	4		2-4		4
IT systems building	2-3			A		
Knowledge management			5		4	
Maintenance of computer systems	2	3-4		2		
Management			5	4	4	4-5
Manufacturing			4		4	
Marketing incl. internet marketing						4
Multi-media systems design					4	
Multimedia	4	2-4		1-2	4	4
Nanotechnology and micro-systems			5			
Network design and implementation	2-4			4	4	
Network engineering	3-4, A	4		2-3	4	4-5
Networking and network management	3-4, A	4		2-3	4	4-5
Precision engineering			5			
Programming	2-4	2-4		3-4	4	4
Remote data management						5
Remote sensing			5			
Research			5		4	5
Robotic systems					4	4
Security	2-3				4	4
Server configuration	4					



ICT continued

Training levels 1-5 and Apprenticeships

Career / skills areas	Barnfield	Bedford	Cranfield	Dunstable	UH	UoB
Service and installation engineering						4
Software development	2-3	2-5	5	3	4	4
Software engineering	4	2-4	5		4	4
Software management	2-4			2-4		
Sound and vision on the web	2-3					5
Special effects					4	
Systems design					4	4
Systems testing and analysis	2-4		5	1-2	4	
Technical support analyst	2-4		5		4	
Telecommunications	4, A	4	5		4	
Voice based networking	3	3				
Waste management			5			
Web design and development	1-4			1-4	4	4-5
Wireless technology	4				4	

ICT contacts

Barnfield
01582 569500
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 www.barnfield.ac.uk/BarnfieldFulltime.pdf

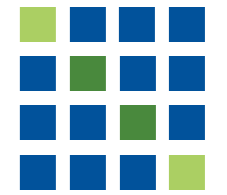
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01234 834300
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 www.beds.ac.uk/departments/computing



Business Training and Support

Training levels 1-5 and Apprenticeships

Career / skills areas	Barnfield	Bedford	Cranfield	Dunstable	UH	UoB
Customised business training						
Knowledge transfer partnerships						
Language for business						
Business incubation						
Business start-up support						
Business networks						
Graduate placement schemes						
In-company business training						
Skills for life						
Personal development						
IT user courses						
Train to gain						
Professional development						
ESOL						

Business Training and Support contacts

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UoB – University of Bedfordshire
0800 328 5334
 knowledge@beds.ac.uk
 www.beds.ac.uk/knowledgehub



Abbreviations

Barnfield – Barnfield College
 Bedford – Bedford College
 Cranfield – Cranfield University
 Dunstable – Dunstable College
 UH – University of Hertfordshire
 UoB – University of Bedfordshire (former University of Luton)
 CoVE – Centre of Vocational Excellence

Training Levels

Level	Courses
1	Introductory Diploma / NVQ 1
2	GCSE / BTEC First Diploma / NVQ 2
3	AS / A Level / BTEC National Diploma or Certificate / International Baccalaureate / NVQ 3
4	Undergraduate First Degree (BA Hons) / BTEC Higher National Diploma (HND / HNC / NVQ 4
5	Masters Degree or Postgraduate Studies