

Polymer Education and Training Provision Guide

Prepared by:
Scottish Plastics and Rubber Association



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Introduction

This report sets out specialist education and training in polymer science, engineering and technology, covering postgraduate programmes, undergraduate programmes, sub-degree programmes, N/SVQ provision and short courses. Flexible learning, such as online learning, is also covered.

Providers are categorised as universities, FE Colleges and independent providers, the last category including plastics machinery suppliers and online providers.

The provision concentrates on programmes and courses which are focused on polymer science, engineering and technology; but there are a number of Materials courses which have polymer specific modules.

At some universities it is possible for students to enrol on a single module, with pro rata fees, and timetables are generally organised so that attendance is required on only one day per week. Consequently this opens up further possibilities for Continuing Professional Development on a day-release basis. Many providers have indicated that they will consider short courses on demand, on topics not officially listed.

The fees quoted for postgraduate programmes are for UK or EU students. Fees for overseas students are higher. For students enrolling for only part of the postgraduate programme, leading to Postgraduate Certificate and Postgraduate Diploma awards rather than the full MSc, fees are reduced accordingly.

For some university programmes bursaries are available to offset part of the fees. Government funding may be available for N/SVQ provision. Fees for short courses are generally quoted as the fee per student. Where courses are conducted at customer premises, the figure quoted would be a block fee, independent of the number of students, plus expenses.

The report covers providers in England, Wales, Scotland and Northern Ireland but students and employers may also be interested in courses in the Republic of Ireland, at Athlone Institute of Technology, Sligo Institute of Technology and First Polymer Training Skillnet, Athlone. Machinery Suppliers run courses in English in Continental Europe, for example Husky in Luxembourg and Netstal in Switzerland. Other non-UK companies in the database are the online providers, A. Routsis Associates, Paulson Training Programs, Rauwendaal Extrusion Engineering.

*All information is correct at the time of print and is subject to change.
Please contact the individual organisation to check programme availability and cost.*

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Universities

FE Colleges

Independent Providers

Machinery Suppliers

Short Courses and Online Learning

Materials Programmes with Minor

Polymer Content

Republic of Ireland Providers

Table 1. Universities

Universities	Postgraduate	Degree	Sub-degree	N/SVQ	Short Courses	Flexible
University of Brighton						
Edinburgh Napier University						
Glyndwr University						
Leeds University						
London Metropolitan University						
Loughborough University						
The University of Manchester						
Queen's University, Belfast						
Sheffield University						
University of Surrey						
University of Ulster						
University of Wolverhampton						

Table 2. FE Colleges

FE Colleges	Postgraduate	Degree	Sub-degree	N/SVQ	Short Courses	Flexible
Burton College						
Polymer Training and Innovation Centre, Wolverhampton College						
South East Regional College						
Telford College of Arts and Technology						
Trafford College						
The College of West Anglia						
Walsall College						
West Nottinghamshire College						

Table 3. Independent Providers

Independent Providers	Postgraduate	Degree	Sub-degree	N/S/VQ	Short Courses	Flexible
Autodesk Ltd						
Blow It All Ltd						
G&A Moulding Technology Limited						
Independent Polymer Technology Ltd ,						
IPS International Ltd						
iSmithers Rapra						
Plastic Training Solutions						
Polybridge Training Ltd						
PSC Associates						
Solutions 4 polymers Ltd						
A. Routsis Associates						
Paulson Training Programs						
Rauwendaal Extrusion Engineering						

Table 4. Machinery Suppliers

Machinery Suppliers	Postgraduate	Degree	Sub-degree	N/S/VQ	Short Courses	Flexible
Arburg Ltd						
Demag Hamilton Ltd						
Engel UK Ltd						
Krauss-Maffei (UK) Ltd						
Negri Bossi UK Ltd						
Sandretto Ltd						

Table 5. Short Courses and Online Learning

	Plastics Materials	Rubber Materials	Injection Moulding	Blow Moulding	Rotational moulding	Extrusion	Thermoforming	Simulation Analysis	Applications	Polymer Science
Universities and Colleges										
University of Brighton										
Glyndwr University										
London Metropolitan University										
Loughborough University										
Queen's University, Belfast										
Sheffield University										
University of Surrey										
PTIC, Wolverhampton College										
Independent Providers										
Autodesk Ltd										
Blow It All Ltd										
G&A Moulding Technology										
Independent Polymer Technology										
iSmithers Rapra										
Plastic Training Solutions										
Polybridge Training Ltd										
PSC Associates										
Solutions 4 polymers Ltd										
Machinery Suppliers										
Arburg Ltd										
Demag Hamilton Ltd										
Engel UK Ltd										
Krauss-Maffei (UK) Ltd										
Negri Bossi UK Ltd										
Sandretto Ltd										
Online Providers										
A. Routsis Associates										
Paulson Training Programs,										
Rauwendaal Extrusion Engineering										

Table 6. University Materials Programmes with Minor Polymer Content

Aberdeen University
Aston University
Birmingham University
Cambridge University
Imperial College, University of London
Liverpool University
Nottingham University
Plymouth University
Queen Mary College, University of London
The Open University

Table 7. Republic of Ireland Providers

Athlone Institute of Technology
Sligo Institute of Technology
First Polymer Training Skillnet, Athlone

Appendix 2

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Universities
Colleges
Independent Providers
Machinery Suppliers

Appendix 2.1

Universities

University of Brighton
(Collaborative Training Centre)

Cranfield University

Edinburgh Napier University

Heriot Watt University

London Metropolitan University

Loughborough University

The University of Manchester

Manchester Metropolitan University

Queen's University, Belfast
(School of Mechanical and Aerospace Engineering)

Queen's University, Belfast
(Polymer Processing Research Centre)

Sheffield University (Polymer Centre)

University of Ulster

University of Wolverhampton

Organisation:	Collaborative Training Centre, University of Brighton		
Address:	Cockcroft Building Moulsecomb Brighton BN2 3EN	Contact Name Position Address	Barbara Gretton, Continuing Professional Development Manager Address as before
Telephone: Fax: Email: Website:	01273 642305 01273 642444 ctc@brighton.ac.uk www.brighton.ac.uk/ctc	Telephone Fax Email	01273 642204 01273 642444 b.m.gretton@brighton.ac.uk

1. Short Courses

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Engineering and high performance polymers	Certificate of attendance	3 days 25-27 Oct 2010		£750+VAT		
2	Commodity thermoplastics, Injection Mould and Component Design	Certificate of attendance	3 days 8-10 Nov 2010		£750+VAT		

Organisation:	Cranfield University		
Address:	School of Applied Sciences Cranfield Bedford MK43 0AL	Contact Name Position Address	Dr Sue Impey MSc Programme Manager Bldg 61, SAS
Telephone: Fax: Email: Website:	01234 750111	Telephone Fax Email	

1. Postgraduate Programmes

	Programme Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	MSc in Advanced Materials	MSc	1 year	2 years	£4000		

Organisation:	Edinburgh Napier University		
Address:	School of Engineering & the Built Environment, Merchiston Campus, Edinburgh, EH3 9LN	Contact Name Position Address	Colin S. Hindle Lecturer in Polymer Technology
Telephone:	0131 455	Telephone	0131 455 2622
Fax:	0131 455 2264	Fax	0131 455 2264
Email:		Email	c.hindle@napier.ac.uk
Website:	www.napier.ac.uk		

1. Postgraduate Programmes

	Programme Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Polymer Engineering	MSc	1	3		SAAS	
2	Advanced Materials Engineering	MSc	1	3		SAAS	

1. Undergraduate Programmes

	Programme Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Polymer Engineering	BEng Hons	4	6		SAAS	
2	Polymer Engineering	BEng	3	5		SAAS	
3	Product Design Engineering	BSc Hons	4			SAAS	
4	Product Design Engineering	BSc	3			SAAS	

Organisation:	Heriot-Watt University		
Address:	School of Engineering and Physical Sciences Heriot Watt University Riccarton Edinburgh	Contact Name Position Address	Valeria Arrighi Senior Lecturer Chemistry
Telephone:		Telephone	0131 4513108
Fax:		Fax	0131 4513180
Email:		Email	v.arrighi@hw.ac.uk
Website:	www.hw.ac.uk		

1. Postgraduate Programmes

	Programme Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	MSc in Forensic Materials	MSc	1 year				

1. Undergraduate Programmes

	Programme Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	BSc/ MChem in Chemistry	BSc/ Mchem					
2	BSc/ MChem in Chemistry of Materials						

Organisation:	London Metropolitan University		
Address:	166 – 220 Holloway Road London N7 8DB	Contact Name Position Address	Dr. Mathew Philip Academic Leader 41 – 71 Commercial Road London E1 1LA
Telephone:	020 7423 0000	Telephone	020 7320 1829
Fax:	020 7320 1830	Fax	020 7320 1830
Email:	polymers@londonmet.ac.uk	Email	m.philip@londonmet.ac.uk
Website:	www.londonmet.ac.uk/polymers		

1. Postgraduate Programmes

	Programme Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Polymer Science & Engineering	MSc	✓	✓			
2	Product Design	MSc & MA	✓	✓			
3	Product Design & Management	MSc	✓	✓			
4	Product Design & Marketing	MSc	✓	✓			
5	Manufacture & Design for Polymer Products (IGDS)	MSc		✓(DL)			✓
6	MA by Project	MA	✓	✓			

2. Undergraduate Programmes

	Programme Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Polymer Engineering	BEng	✓	✓			
2	Product Design	BSc & BA	✓	✓			
3	Polymer Technology	FSc		✓(DL)			Cogent
4	Polymer Technology (Polyflex)	University Certificate		✓(DL)			

3. Sub-degree Programmes

	Programme Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	N/A						

4. Short Courses

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Plastics Product Design & Manufacture	can lead to MSc (IGDS)		✓			
2	Plastics Properties & Material Selection	can lead to MSc (IGDS)		✓			
3	Principles of Polymer Science	can lead to MSc (IGDS)		✓			
4	Computer Design Rheology	can lead to MSc (IGDS)		✓			
5	Injection Mould Design	can lead to MSc (IGDS)		✓			
6	Rubber Compound Design	can lead to MSc (IGDS)		✓			

7	Rubber Processing & Product Manufacture	can lead to MSc (IGDS)		✓			
8	Product Development & Recycling	Certificate of attendance					
9	Introduction to Plastics Technology	Certificate of attendance					
10	Introduction to Rubber Technology	Certificate of attendance					

5. Flexible Learning

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Govt
1	Manufacture & Design for Polymer Products (IGDS)	MSc		✓ (DL)			✓
2	Polymer Technology	FDS		✓ (DL)			
3	Polymer Technology (Polyflex)	University Certificate		✓ (DL)			

Organisation:	Loughborough University: Department of Materials		
Address:	Loughborough LE11 3TU	Contact Name Position Address	Martin White Graduate Development Officer
Telephone: Fax: Email: Website:	01509 223331 01509 223949 materials@lboro.ac.uk www.lboro.ac.uk/materials	Telephone Fax Email	01509 228592 01509 223949 m.e.white@lboro.ac.uk

1. Postgraduate Programmes

	Programme Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Govt
1	Polymer Technology	MSc	1Yr	3-5Yr	F/T £4750 P/T £7510		F/T bursaries and scholarships up to 100% of tuition fees available
2	Polymer Technology	PG.Diploma	N/A	3-5Yr	£6360		
3	Polymer Technology	PG.Cert.	N/A	1-2Yr	£3180		

2. Short Courses

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Govt
1	Plastics: Processing and Properties	N/A	5day		£1090		
2	The Science and Technology of PVC	N/A	5day		£1090		
3	Rubber compounding and processing	N/A	5day		£1090		
4	Adhesive Bonding	N/A	4day		£1090		
5	Materials Sustainability & the Environment	N/A	5day		£1090		
6	Packaging Materials: Plastics	N/A	5day		£1090		

Organisation:	University of Manchester		
Address:	School of Materials The University of Manchester Manchester M13 9PL	Contact Name Position Address	Arthur Wilkinson Senior Lecturer Materials Science Centre The University of Manchester Manchester M13 9PL
	Telephone:0161 3064826 Fax: Email: pg-materials@manchester.ac.uk Website: www.materials.manchester.ac.uk/postgraduate/taught/subjects/polymers	Telephone Fax Email	0161 3065691 Arthur.wilkinson@manchester.ac.uk

1. Postgraduate Programmes

	Programme Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Govt
1	Polymer Materials Science & Engineering	MSc	1 year	5 years max.	International £15,400 Home £3500		Scholarship available

1. Flexible Learning

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Govt
1	Polymer Materials Science & Engineering (Distance learning)	MSc		5	£1390 Per 15 credit unit		

Organisation:	Manchester Metropolitan University		
Address:	Division of Chemistry & Materials Faculty of Science & Engineering All Saints Campus Oxford Road Manchester, M1 5GD UK	Contact Name Position Address	Prof.Herman Potgieter Head: Chemistry & Materials
Telephone:	0161 247 1435	Telephone	0161 247 1428
Fax:		Fax	
Email:		Email	h.potgieter@mmu.ac.uk
Website:	www.mmu.ac.uk		

1. Postgraduate Programmes

	Programme Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Govt
1	Ph.D by research	Ph.D	x		£3250	None	Very limited

Organisation:	Queen's University Belfast		
Address:	School of Mechanical and Aerospace Engineering Ashby Building Stranmillis Road Belfast BT9 5AH	Contact Name Position Address	Director of Education
Telephone:	028 9097 4147	Telephone	028 9097 4117
Fax:	028 9097 4148	Fax	028 9097 4148
Email:	mechaero@qub.ac.uk	Email	mechaero@qub.ac.uk
Website:	www.qub.ac.uk/mechaero		www.qub.ac.uk/mechaero

1. Postgraduate Programmes

	Programme Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Govt
1	Polymer Engineering	MSc	12 mths		£3,390		
2	Polymer Engineering	Diploma	9 mths		£3,390		

1. Undergraduate Programmes

	Programme Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Govt
1	Mechanical Engineering	BEng	3 yr		£3225/yr		
2	Mechanical and Manufacturing Engineering	MEng	4 yr		£3225/yr		
3	Aerospace Engineering	BEng/MEng	3/4 Yr		£3225/yr		

Organisation:	Queen's University Belfast Polymer Processing Research Centre (PPRC)		
Address:	Queen's University Belfast Polymer Processing Research Centre, Ashby Building, Stranmillis Road, BELFAST BT9 5AH	Contact Name Position Address	Denise Price Business Manager As previous
Telephone:	028 9097 4700	Telephone	028 9097 4706
Fax:	028 9066 0631	Fax	028 9066 0631
Email:	pprc@qub.ac.uk	Email	d.price@qub.ac.uk
Website:	www.qub.ac.uk/pprc		

1. Short Courses

The PPRC can provide a range of polymer related training courses to industry including the following:

	Course Name
1	Introduction to polymer materials
2	Introduction to rheology of polymer melts
3	Single screw extrusion
4	Twin screw extrusion and compounding
5	Blown film extrusion
6	Tube and pipe extrusion
7	Multilayer extrusion of film and sheet
8	Profile extrusion
9	Sheet extrusion and thermoforming
10	Calendering
11	Rotational moulding
12	Injection moulding
13	Tensile and flexural analysis
14	Impact analysis
15	Thermal analysis (DSC, TMA)
16	Spectroscopy (FTIR)
17	Rheometry
18	Permeation analysis (O ₂ , H ₂ O)
19	Surface characterisation (energy, friction)

The PPRC can also provide courses tailored to particular applications and case studies including the following:

	Course Name
1	Monolayer and multilayer flexible film products for food packaging
2	Film and sheet for medical device and pharmaceutical packaging applications
3	Film extrusion for textile applications
4	Tube extrusion for medical device applications
5	Multilayer tubing for automotive applications
6	Polymer nanocomposites
7	Polymer wood composite

The contents and duration of all courses can be tailored to meet particular requirements. Fees vary accordingly with contents and duration and depending on the number of participants. Participants receive a Certificate of Attendance on completion of the course.

Organisation:	Polymer Centre		
Address:	University of Sheffield Brook Hill Sheffield S3 7MP	Contact Name Position Address	Shelagh Cowley Training and Events Manager
Telephone: Fax: Email: Website:	0114 222 9537 0114 222 9357 www.polymercentre.org.uk	Telephone Fax Email	0114 222 9520 0114 222 9359 s.h.cowley@shef.ac.uk

1. Postgraduate Programmes

	Programme Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Polymers for Advanced Technologies	MSc	1 yr		£3640		
2	Polymer and Polymer Composites Science and Engineering	MSc(Eng)	1yr		£3660		
3	Polymer Composite Science and Engineering Integrated Studies	MSc(Eng)	1yr		£4460		

1. Short Courses

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Polymer Science and Technology		10 d		£2250		
2	Basic Polymer Science Pt I		1 d		£330		
3	Basic Polymer Science Pt II		1 d		£330		
4	Polymer Chemistry		1 d		£330		
5	Polymer Engineering		1 d		£330		
6	Polymer Physics		1 d		£330		
7	Composites		1 d		£330		
8	Organic Electronics		1 d		£330		
9	Polymeric Biomaterials		1 d		£330		
10	Introduction to Polymer Nanotechnology		1 d		£330		
11	Polymer Dynamics and Macromolecular Rheology		1 d		£330		

Organisation:	University of Ulster		
Address:	Shore Road Newtownabbey BT37 0QB Northern Ireland UK	Contact Name Position Address	Davide Mariotti Reader/Course Director (see left)
Telephone: Fax: Email: Website:	http://seng.ulster.ac.uk/eme/postgraduate.php	Telephone Fax Email	d.mariotti@ulster.ac.uk

1. Postgraduate Programmes

	Programme Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Advanced Composite & Polymers	MSc	yes	yes			
2	Advanced Composite & Polymers	PgDip	yes	yes			

Organisation:	University of Wolverhampton		
Address:	Department of Engineering and Technology SEBE University of Wolverhampton Telford Campus Shifnal road Priorslee Telford TF2 9NT	Contact Name Position Address	Prof Kevin Kibble Professor of Materials Engineering, and Director of Research
Telephone: Fax: Email: Website:	01902 321720 www.wlv.ac.uk/eat	Telephone Fax Email	01902 322706 01902 323843 k.a.kibble@wlv.ac.uk

1. Postgraduate Programmes

	Programme Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Polymer Engineering Design	MSc/PgDip/ PgC	1 yr	2/3 yr			

Appendix 2.2

Colleges

**Wolverhampton College
(Polymer Training and Innovation Centre)**

South East Regional College

Trafford College

West Nottinghamshire College

Organisation:	PTIC (Polymer Training and Innovation Centre) City of Wolverhampton College		
Address:	Telford Campus Trevithick House Stafford Park 4 Telford TF3 3BA	Contact Name Position Address	Charmaine Bowers Operations Manager As stated
Telephone:	01952 610101	Telephone	01952 610101
Fax:	01952 273744	Fax	01952 273744
Email:		Email	bowersc@wolvcoll.ac.uk
Website:	www.wolvcoll.ac.uk/polymer		

1. Short Courses

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Polymer Industry Appreciation	PTIC		1 Day	£195		
2	Injection Moulding Appreciation	PTIC		2 Day	£445		
3	Injection Moulding Part 1	PTIC		1 Day	£245		
4	Injection Moulding Part 2	PTIC		4 Day	£795		
5	Injection Moulding Part 3	PTIC		5 Day	£995		
6	Safe Mould Change Option	PTIC		1 Day	£245		
7	Advance processing Technology (Injection Moulding)	PTIC		4.5 Day	£1045		
8	SMED Injection Moulding	PTIC		1 Day	£195		
9	Mould Mounting	PTIC		2 Day	£495		
10	Blow Moulding Technology Part 2	PTIC		4 Day	£795		
11	Blow Moulding Technology Part 3	PTIC		5 Day	£995		
12	Blown Film Technology Part 2	PTIC		4 Day	POA		
13	Blown Film Technology Part 3	PTIC		5 Day	POA		
14	Extrusion technology Part 2	PTIC		4 Day	POA		
15	Extrusion Technology Part 3	PTIC		5 Day	POA		

2. Flexible Learning

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Polymer Processing NVQs in all processes	NVQ 2 or 3		Yes	POA	Yes	
2	Apprenticeships and Advanced Apprenticeships Polymer and Engineering	NVQ 2 or 3		yes	POA	Yes	

Organisation:	South Eastern Regional College		
Address:	3 Castle Park Road Bangor BT20 4TD	Contact Name Position Address	Kieran McKenna
Telephone: Fax: Email: Website:	02891276755 02891276601 kmckenna@serc.ac.uk www.serc.ac.uk	Telephone Fax Email	

1. Sub-degree Programmes

	Programme Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Polymer Processing & Materials Technology	National Certificate	2 yr				
2	Polymer Technician Apprenticeship	Level 3 NVQ	3 yr				

Organisation:	Trafford College		
Address:	Talbot Road Stretford Manchester M32 0XH	Contact Name Position Address	D.Starmer Lecturer As left
Telephone: Fax: Email: Website:		Telephone Fax Email	0161 886 7066 David.starmer@ Trafford.ac.uk

1. Sub-degree Programmes

	Programme Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	HNC Polymer Science & Technology *	HNC		2y			Employer

Organisation:	West Nottinghamshire College		
Address:	The Engine, Sovereign House, Sovereign Way, Mansfield, Notts NG18 4LQ	Contact Name Position Address	Kanchan Sanyal Business Development Manager
Telephone: Fax: Email: Website:		Telephone Fax Email	01623 627 191 et 8329 07989 315 794 (mobile) 01623 632 109

1. Flexible Learning

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Polymer Processing –work based -	NVQ	F/T			Various	

Appendix 2.3

Independent Providers

Autodesk Ltd

Blow It All Ltd

G&A Moulding Technology Limited

Independent Polymer Technology Ltd ,

IPS International Ltd

iSmithers Rapra

Plastic Training Solutions

Polybridge Training Ltd

PSC Associates

Solutions 4 Polymers Ltd

A. Routsis Associates

Organisation:	Autodesk Ltd		
Address:	1 Meadow Gate Avenue Farnborough Hampshire GU14 6FG	Contact Name Position Address	Eric Henry Technical Sales Manager
Telephone: Fax: Email: Website:	01252 456600 01252 456602 eric.henry@autodesk.com www.autodesk.com	Telephone Fax Email	7836 58

Short Courses

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Moldflow Insight Basic for new users (Injection Moulding Filling & Packing simulation for filled and unfilled thermoplastic and thermoset materials).	Certificate of attendance	4 days		£1760- commercial £400- education	No	Customer Company pays
2	Moldflow Insight Performance (Mould Cooling, Part Shrinkage & Warpage simulation). Pre-requisite is attendance of Moldflow Insight Basic course.	Certificate of attendance.	2 days		£880- commercial £200- education	No	Customer Company pays
3	Moldflow Insight Advanced (Gas Injection, Injection Compression, Birefringence, MuCell, Co-injection simulation). Pre-requisite is attendance of Moldflow Insight Basic course.	Certificate of attendance.	1 day per advanced module		£440 per day- commercial £100 per day- education	No	Customer Company pays

Organisation:	Blow It All Ltd		
Address:	BIA LTD, Sabrina House, 20 King Charles Way, Bridgnorth, Shropshire. WV16 4JY	Contact Name Position Address	Nick Thacker Owner
Telephone:	01746768811	Telephone	07581236928
Fax:	None	Fax	
Email:	admin@blowitall.com	Email	
Website:	www.blowitall.co.uk		

1. Short Courses

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Extrusion Blow Moulding	None		2-5 days	Daily £795 +VAT + expenses	No	
2	Rigid Plastics – caps and bottles	None		2-5 days	As above	No	

Organisation:	G&A Moulding Technology Limited		
Address:	26 Tresham Road, Orton Southgate, Peterborough, PE2 6SG	Contact Name Position Address	Pat Goff Director As company
Telephone:	01733 232211	Telephone	07970 092003
Fax:	01733 231902	Fax	01733 232211
Email:	mail@gandamoulding.co.uk	Email	patgoff@gandamoulding.co.uk
Website:	www.gandamoulding.co.uk		

1. Short Courses

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Mould Mounting		2 days		£475		
2	Fundamentals of Injection Moulding		4 days		£895		
3	Melt Preparation and Plasticisation		3 days		£695		
4	Process Control Technology		3 days		£695		
5	Materials Technology		3 days		£695		
6	High Performance Moulding		4 days		£895		
7	Hot Runner		3 days		£895		
8	Design for Manufacture		3 days		£895		

Organisation:	Ipolytech		
Address:	Unit F4 Halesfield 23, Telford, TF7 4NY	Contact Name Position Address	Joanne Waterson Director As box left
Telephone: Fax: Email: Website:	01952-588591 0709 200 3977 Enquiries@ipolytech.com www.ipolytech.com	Telephone Fax Email	As box left

1. Short Courses

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Introduction to Polymer Technology	n/a	2 day		£390		
2	Polymer Basics	n/a	1 day		£195		

Organisation:	IPS International		
Address:	Northbank House Sir Thomas Longley Way Medway City estate Rochester , Kent ME2 4DU	Contact Name Position Address	Don McDonald Director Northbank House
Telephone: Fax: Email: Website:	01634 298800 theoffice@ips-international.com www.ips-international.com	Telephone Fax Email	1634 00

1. Short Courses

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	NVQ Level 2 Polymer Processing	NVQ		9 months		Funded	-
2	NVQ Level 2 Sign making	NVQ		9 months		Funded	-

Organisation:	iSmithers Rapra Technology Limited		
Address:	Shawbury Shropshire SY4 4NR United Kingdom	Contact Name Position Address	Gill Tunnicliffe Business Manager – Training
Telephone: Fax: Email: Website:	+44 (0) 1939 250383 info@ismithers.net www.ismithers.net	Telephone Fax Email	+44 1939 252408 +44 1939 251118 gtunnicliffe@ismithers.net

1. Short Courses

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Introduction to Plastics Technology		2 day	£525			
2	Introduction to Rubber Technology		2 day	£525			
3	Plastics Materials and Products		2 day	£525			
4	Introduction to Silicone Elastomers		1 day	£325			
5	Polyurethanes: Science, Applications, Technology		2 day	£525			
6	Understanding Thermoplastic Elastomers		2 day	£525			
7	Plastics Injection Moulding Technology		2 day	£525			
8	Plastics Injection Mould Design		2 day	£525			
9	Exploring Plastics Extrusion		2 day	£525			
10	Coextrusion: Sheet and Film		1 day	£325			
11	Coextrusion: Pipe and Blow Moulding		1 day	£325			
12	Plastic Product Design		2 day	£525			
13	Principles of Rubber Bonding		2 day	£525			
14	Plastic Medical Materials & Processing Technology		2 day	£525			

Organisation:	Plastics Training Solutions		
Address:	73 Churchill Drive Marske-by-the-Sea Redcar TS11 6AY	Contact Name Position Address	Ian Francis Owner
Telephone: Fax: Email: Website:	M +44 (0)7769 251679 T/F +44 (0)1642 481323 info@plasticstrainingsolutions.co.uk www.plasticstrainingsolutions.co.uk	Telephone Fax Email	

1. Short Courses

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Injection Moulding Processing courses – designed to meet specific needs of the client company	Aligned with S/NVQ 1 to 3		Up to 5 days	Negotiable		

Organisation:	Polybridge Training Limited		
Address:	42 LINLEY VIEW DRIVE BRIDGNORTH SHROPSHIRE WV16 4RT	Contact Name Position Address	David Jeavons Director As shown
Telephone: Fax: Email: Website:	01746 761 875 01746 761 875 info@polybridgetraining.co.uk www.polybridgetraining.co.uk	Telephone Fax Email	7774 129

Short Courses

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Injection Moulding Process & Design		3day		£730	No	NO
2	Injection Mould Design & Procurement		2day		£550	No	No
3	Injection Moulding Theory & Practice		2day		£550	No	No
4	Understanding Processing Technology		2day		£550	No	No
5	Injection Moulding Working Safely		1day		£125	No	No

7775 Flexible Learning

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Proact Wales	Non-Gov
	IN-House Bespoke Training (I.M.)						

Organisation:	PSC Associates Ltd		
Address:	9 Saffron Close Shoreham-by-sea West Sussex BN43 6JF	Contact Name Position Address	Peter Cracknell
Telephone: Fax: Email: Website:	01273 885 914 peter.cracknell@ntlworld.com	Telephone Fax Email	

1. Short Courses

	Course Name	Level	Duration		Fees *	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Injection Moulding Design (on-site UK and overseas)	FETAC/ NVQ Level 2	3 d	3 d	£1950		
2	Plastic Part Design	introductory	2 d	2 d	£1300		
3	Plastic Part Design	NVQ Level 2	3 d	3 d	£1950		
4	Plastics Materials Selection	NVQ Level 2 to postgrad	3 d	3 d	£1950		
5	Plastic Part Design, Mould Design, Material Selection	Introductory	5 d	5 d	£3250		
6	Engineering & High Performance Polymers	Postgrad	3 d	3 d	£1950		
7	Commodity Thermoplastics, Mould & Part Design	Introductory	3 d	3 d	£1950		
8	Plastic Product Design Troubleshooting	NVQ 2	2 d	2 d	£1300		
9	Medical Plastics	Introductory	3 d	3 d	£1950		
10	Commodity Thermoplastics	NVQ 2	2 d	2 d	£1300		
11	Injection Moulding Technology	NVQ 2 to postgrad	2 d	2 d	£1300		
12	Vacuum Forming Technology	NVQ 2	2 d	2 d	£1300		
13	Advanced Level Plastic Part Design	Postgrad	3 d	3 d	£1950		
14	Plastics Workshop Risk Assessment	NVQ Level 2	2 d	3 d	£1300		

* Trainer fees

Organisation:	Solutions 4 Polymers Limited		
Address:	Mablen House 43 New Road Burntwood Staffordshire WS7 0BU	Contact Name Position Address	Andy Barnard Managing Director
Telephone: Fax: Email: Website:	 www.s4pltd.co.uk	Telephone Fax Email	07773 373127 01543 674525 andy@s4pltd.co.uk

1. Short Courses

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	All disciplines	NVQ		x	various	pos	pos
2	Injection moulding	bespoke	x	x			
3	Blow moulding	bespoke	x	x			

Organisation:	Routsis Associates, Inc.		
Address:	275 Donohue Road Suite 1 Dracut, MA 01826 USA	Contact Name Position Address	Andy Routsis President
Telephone: Fax: Email: Website:	978-957-0700 978-957-1860 andyr@traininteractive.com www.traininteractive.com	Telephone Fax Email	

1. Flexible Learning

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Numerous Online Courses on Injection, Extrusion, Blow Moulding, Part Design, Mould Design, Blueprint Reading and More.						

Appendix 2.4

Machinery Suppliers

Arburg Ltd

Demag Hamilton Ltd

Engel UK Ltd

Krauss-Maffei (UK) Ltd

Negri Bossi UK Ltd

Sandretto Ltd

Organisation:	Arburg UK Ltd		
Address:	Tachbrook Park Drive Warwick CV34 6RH	Contact Name Position Address	R Hambrook Service Manager
Telephone: Fax: Email: Website:	01926 457 000 01926 457 030 uk@arburg.co.uk www.arburg.co.uk	Telephone Fax Email	

1. Short Courses

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Machine Setting		2 day		£325		
2	Materials Selection and Processing		2 day		£325		
3	SELOGICA Familiarisation		1 day		£195		
4	Service Course		2 day		£325		

Organisation:	Demag Hamilton Ltd		
Address:	Accent House Triangle Business Park Wendover Road Stoke Mandeville Bucks HP22 5BL	Contact Name Position Address	Dave Nash Training and Project Manager
Telephone: Fax: Email: Website:	01296 739 500 01296 739 501 training.uk@dpg.com www.demag-hamilton.co.uk	Telephone Fax Email	training.uk@dpg.com

1. Short Courses

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	ERGOTECH Machine Setting		2.5 day		£495		
2	Optimisation of ERGOTECH Machines		2.5 day		£495		
3	Moulding Defects: Recognition and Rectification		2 day		£395		
4	Processing for Quality		5 day		£880		
5	Materials Technology		5 day		£880		
6	Appreciation of Injection Moulding		2 day		£395		
7	Introduction to Two-Shot Moulding		3 day		POA		
8	Maintenance Course		5 day		£880		

Organisation:	ENGEL UK		
Address:	Apollo Way Tachbrook Park Warwick CV34 6RW	Contact Name Position Address	Mike Madden Training Manager Apollo Way Tachbrook Park Warwick CV34 6RW
Telephone:	01926 335000	Telephone	01926 334000
Fax:	01926 336677	Fax	01926 335520
Email:	euk@engel.at	Email	service.euk@engel.at
Website:	www.engelglobal.com/uk		

1. Short Courses

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	EOB Engel Operator Basic 2 days			X	£480		n/a
2	EOA Engel Operator Advanced 2 days			x	£440		n/a
3	ERB Engel Robot Basic 2 days			X	£440		n/a
4	ERA Engel Robot Advanced 2 days			X	£440		n/a
5	ECB Engel Control Basic 2 days			X	£440		n/a
6	ECV Engel Control Advanced 2 days			X	£440		n/a
7	ECE Engel Control Electric Machines 2 days			X	£440		n/a
8	EHB/V Engel Hydraulics 2 days			X	£440		n/a

1. Flexible Learning

	Course Name	Qualification	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Onsite training 1 day			X	£1000		n/a

Organisation:	Krauss Maffei UK Ltd		
Address:	Europa Boulevard Gemini Business Park Warrington Cheshire WA5 7TR	Contact Name Position Address	Roger Ewers
Telephone: Fax: Email: Website:	01925 644 100 01925 234 284 info@kraussmaffei.co.uk www.kraussmaffei.co.uk	Telephone Fax Email	training@kraussmaffei.co.uk

1. Short Courses

	Course Name	Level	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Machine Familiarisation		3 day		£715		
2	Control Systems		3 day		£715		
3	Machine Maintenance		3 day		£715		
4	Introduction to Robots		2 day		£475		
5	Robot Programming		2 day		£475		
6	Hydraulics		2 day		£475		

Organisation:	Negri Bossi		
Address:	Unit 2 Titan Business Centre Spartan Close Tachbrook Park Warwick CV34 6RR	Contact Name Position Address	Ian Thorp Training Officer
Telephone: Fax: Email: Website:	01926 420 303 01926 338 271 sales@negribossi.co.uk www.negribossi.co.uk	Telephone Fax Email	ianT@negribossi.co.uk

1. Short Courses

	Course Name	Level	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Machine Familiarisation and Basic setting		2 day	£450/ 880*			
2	Machine and Process Optimisation		2 day	£450/ 880*			
3	CAMBIO Machine Maintenance and Diagnostics		2 day	£450/ 880*			
4	VECTOR Machine Maintenance and Diagnostics		2 day	£450/ 880*			

* £450 at Negri Bossi, £880 on company premises

Organisation:	Sandretto UK Ltd		
Address:	Leigh Road Swift Valley Industrial Estate Rugby CV21 1DS	Contact Name Position Address	Sue Montgomery
Telephone: Fax: Email: Website:	01788 544 221 info@sandretto.co.uk www.sandretto.co.uk	Telephone Fax Email	welcome@sandretto.co.uk

1. Short Courses

	Course Name	Level	Duration		Fees	Access to Funding	
			F/T	P/T		Govt	Non-Gov
1	Machine Familiarisation & Setting		2 day		£300		

Appendix 3

3.1	Postgraduate Programmes
3.2	Degree Programmes
3.3	Sub-Degree Programmes
3.4	N/SVQ Provision
3.5	Short Courses
3.6	Flexible Learning

3.1 Postgraduate Programmes

Edinburgh Napier University				
Address:	School of Engineering & Built Environment 10 Colinton Road Edinburgh EH10 5DT	Contact Name: Position:	Colin Hindle Lecturer in Polymer Technology	
Telephone: Fax: Email: Website:	0131 455 2264 www.napier.ac.uk	Telephone: Email:	0131 455 2622 c.hindle@napier.ac.uk	
	Programme Name	Qualification	Duration	Fees
1.	Polymer Engineering	MSc	1y F/T; 3y P/T	£3750
2.	Advanced Materials Engineering	MSc	1y F/T; 3y P/T	£3750

Glyndwr University				
Address:	Materials Science Research Centre Plas Coch Mold Road Wrexham LL11 2AW	Contact Name: Position:	Professor Peter A. Williams Director of Materials Science Research Centre	
Telephone: Fax: Email: Website:	01978 290 666 www.glyndwr.ac.uk	Telephone: Email:	01978 293083 p.a.williams@newi.ac.uk	
	Programme Name	Qualification	Duration	Fees
1.	Polymer Science & Technology	MRes	1y F/T 2-3y P/T;	£3492

Leeds University				
Address:	Department of Colour Science School of Physics and Astronomy, LS2 9JT	Contact Name: Position:	Prof Long Lin Professor of Reprographic Science and Technology	
Telephone: Fax: Email: Website:	0113 343 6543 info@irc.leeds.ac.uk www.chem.leeds.ac.uk	Telephone: Email:	0113 343 6785 l.lin@leeds.ac.uk	
	Programme Name	Qualification	Duration	Fees
1.	Polymer and Surface Coating Technology	MSc		£3466

London Metropolitan University				
Address:	London Metropolitan Polymers Centre BR105 Tower Building 166-220 Holloway Road London N7 8DB	Contact Name: Position:	Dr Matthew Philip Academic Leader, 41-71 Commercial Rd, London E1 1LA	
Telephone: Fax: Email: Website:	020 7423 0000 020 7320 1830 polymers@londonmet.ac.uk www.londonmet.ac.uk/polymers	Telephone: Email:	020 7320 1829 m.philip@londonmet.ac.uk	
	Programme Name	Qualification	Duration	Fees
1.	Polymer Science & Engineering	MSc	1y F/T; 2-3y P/T	£5400
2.	Plastic Product Design	MSc	1y F/T; 2-3y P/T	£5400
3.	Plastic Product Design & Management	MSc	1y F/T; 2-3y P/T	£5400
4.	Plastic Product Design & Marketing	MSc	1y F/T; 2-3y P/T	£5400

Loughborough University				
Address:	Department of Materials Loughborough Leicestershire LE11 3TU	Contact Name: Position:	Martin White Graduate Development Officer	
Telephone: Fax: Email: Website:	01509 223 331 01509 223 949 materials@lboro.ac.uk www.lboro.ac.uk	Telephone: Email:	01509 223 592 m.e.white@lboro.ac.uk	
	Programme Name	Qualification	Duration	Fees
1.	Polymer Technology	MSc	1y F/T; 3-5y P/T	F/T: £4,750; P/T : £7,510
2.	Polymer Technology	PG Dip	3-5y P/T	£6360
3.	Polymer Technology	PG Cert	1-2y P/T	£3180

The University of Manchester				
Address:	School of Material Manchester M13 9PL	Contact Name: Position:	Dr Arthur Wilkinson Senior Lecturer in Polymer & Composites Processing	
Telephone: Fax: Email: Website:	0161 306 4826 www.manchester.ac.uk/mate rials	Telephone: Email:	0161 306 5691 Arthur.Wilkinson@manchester.ac.uk	
	Programme Name	Qualification	Duration	Fees
1.	Polymer Materials Science & Engineering	MSc	1y F/T; 3-5 y P/T	£3500

Queen's University, Belfast				
Address:	School of Mechanical and Aerospace Engineering Ashby Building Stranmillis Road Belfast BT9 5AH	Contact Name: Position:	Director of Education Lecturer, School of Mechanical and Aerospace Engineering	
Telephone: Fax: Email: Website:	028 9097 4147 028 9097 4148 mechaero@qub.ac.uk www.qub.ac.uk/mechaero	Telephone: Email:	028 9097 4117 mechaero@qub.ac.uk	
	Programme Name	Qualification	Duration	Fees
1.	Polymer Engineering	MSc	1y F/T	£3390
2.	Polymer Engineering	Diploma	9m F/T	£3390

Sheffield University				
Address:	The Polymer Centre Brook Hill Sheffield S3 7MP	Contact Name: Position:	Shelagh Cowley Training & Events Manager	
Telephone: Fax: Email: Website:	0114 222 9537 0114 222 9357 www.polymercentre.org.uk	Telephone: Email:	0114 222 9520 s.h.cowley@sheffield.ac.uk	
	Programme Name	Qualification	Duration	Fees
1.	Polymers for Advanced Technologies	MSc	1y F/T	£3640
2.	Polymer and Polymer Composites Science & Engineering	MSc(Eng)	1y F/T	£3660
3.	Polymer Composites and Engineering Integrated Studies	MSc(Eng)	1y F/T	£4460

University of Ulster				
Address:	School of Engineering Jordanstown Campus Shore Road Newtonabbey, Co Antrim BT37 0QB	Contact Name: Position:	Dr Davide Mariotti Reader/Course Director	
Telephone: Fax: Email: Website:	 www.ulster.ac.uk	Telephone: Email:	02890 366 083 d.mariotti@ulster.ac.uk	
	Programme Name	Qualification	Duration	Fees
1.	Advanced Composites & Polymers	MSc	1y F/T; 3 y P/T	£3582
2.	Advanced Composites & Polymers	PgDip		

University of Wolverhampton				
Address:	Department of Engineering and Technology Telford Campus Telford Shropshire TF2 9NT	Contact Name: Position:	Prof Kevin Kibble Professor of Materials Engineering	
Telephone: Fax: Email: Website:	01902 321720 www.wlv.ac.uk/eat	Telephone: Email:	01902 322 706 k.a.kibble@wlv.ac.uk	
	Programme Name	Qualification	Duration	Fees
1.	Polymer Engineering Design	MSc/PgDip/PgC	1y F/T; 2-3y P/T	£3949

3.2 Degree Programmes

Edinburgh Napier University			
Address:	School of Engineering & Built Environment 10 Colinton Road Edinburgh EH10 5DT	Contact Name: Position:	Colin Hindle Lecturer in Polymer Technology
Telephone: Fax: Email: Website:	0131 455 2264 www.napier.ac.uk	Telephone: Email:	0131 455 2622 c.hindle@napier.ac.uk

	Programme Name	Qualification	Duration	Fees
1.	Polymer Engineering	Beng (Hons)	4y F/T; 6y P/T	
2.	Polymer Engineering	Beng	3y F/T; 5y P/T	
3.	Product Design Engineering	BSc (Hons)	4y F/T	
4.	Product Design Engineering	BSc	3y F/T	

London Metropolitan University			
Address:	London Metropolitan Polymers Centre BR105 Tower Building 166-220 Holloway Road London N7 8DB	Contact Name: Position:	Dr Matthew Philip Academic Leader, 41-71 Commercial Rd, London E1 1LA
Telephone: Fax: Email: Website:	020 7423 0000 020 7320 1830 polymers@londonmet.ac.uk www.londonmet.ac.uk/polymers	Telephone: Email:	020 7320 1829 m.philip@londonmet.ac.uk

	Programme Name	Qualification	Duration	Fees
1.	Polymer Engineering	BEng	3/4y F/T; 4y P/T	
2.	Product Design	BSc/BA	3/4y F/T; 4y P/T	
3.	Polymer Technology	FDS	2y F/T; 4y P/T (DL)	£6400

Burton College			
Address:	Lichfield Street Burton upon Trent DE14 3RL	Contact Name: Position:	Peter Dukes
Telephone: Fax: Email: Website:	01283 494 400 www.burton-college.ac.uk	Telephone: Email:	peter.dukes@burton-college.ac.uk

	Programme Name	Qualification	Duration	Fees
1.	Polymer Technology	FDS	P/T	

3.3 Sub-Degree Programmes

London Metropolitan University				
Address:	London Metropolitan Polymers Centre BR105 Tower Building 166-220 Holloway Road London N7 8DB	Contact Name: Position:	Dr Matthew Philip Academic Leader, 41-71 Commercial Rd, London E1 1LA	
Telephone: Fax: Email: Website:	020 7423 0000 020 7320 1830 polymers@londonmet.ac.uk www.londonmet.ac.uk/polym ers	Telephone: Email:	020 7320 1829 m.philip@londonmet.ac.uk	
	Programme Name	Qualification	Duration	Fees
1.	Polymer Technology (Polyflex)	Univ Cert	DL	

South East Regional College				
Address:	BANGOR CAMPUS 3 Castle Park Road Bangor, Co Down N Ireland BT20 4TD	Contact Name: Position:	Kieran McKenna	
Telephone: Fax: Email: Website:	0289 127 6755 0289 127 6601 www.serc.ac.uk	Telephone: Email:	0289 127 6755 kmckenna@serc.ac.uk	
	Programme Name	Qualification	Duration	Fees
1.	Polymer Processing & Materials Technology	National Certificate	2y F/T	

Trafford College				
Address:	Talbot Road Stretford Manchester M32 0XH	Contact Name: Position:	David Starmer Lecturer	
Telephone: Fax: Email: Website:	0161 886 7070 www.trafford.ac.uk	Telephone: Email:	0161 886 7066 david.starmer@trafford.ac.uk	
	Programme Name	Qualification	Duration	Fees
1.	Polymer Science & Technology	HNC	2y P/T	

3.4 N/SVQ Provision

Polymer Training and Innovation Centre				
Address:	City of Wolverhampton College Trevithick House Stafford Park 4 Telford TF3 3BA	Contact Name:	Charmaine Bowers Operations Manager	
Telephone:	01952 610101	Telephone:	01952 610101	
Fax:	01952 273 744	Email:	bowersc@wolvcoll.ac.uk	
Email:	PTIC@wolvcoll.ac.uk			
Website:	www.wolvcoll.ac.uk/polymer			
	Programme Name	Qualification	Duration	Fees
1.	Polymer Processing & Related Operations	NVQ Level 1		
2.	Polymer Processing & Related Operations	NVQ Level 2		
3.	Polymer Processing & Related Operations	NVQ Level 3		

Telford College of Arts and Technology				
Address:	Haybridge Road Wellington Telford TF1 2NP	Contact Name:	Dale Kynaston	
Telephone:	+44 (0)1952 642 200	Telephone:	01952 642334	
Fax:		Email:	dale.kynaston@tcat.ac.uk	
Email:				
Website:	www.tcat.ac.uk			
	Programme Name	Qualification	Duration	Fees
1.	Polymer Processing & Related Operations	NVQ Level 1		
2.	Polymer Processing & Related Operations	NVQ Level 2		
3.	Polymer Processing & Related Operations	NVQ Level 3		

The College of West Anglia				
Address:	CWA Business The Priory Centre, Priory Road Downham Market Norfolk PE38 9JS	Contact Name: Position:	Emma Goodwin Employer Gateway Coordinator	
Telephone: Fax: Email: Website:	01553 691 001 cwabusiness@col- westanglia.ac.uk www.cwatraining.co.uk	Telephone: Email:	01553 691 001 egoodwin@col-westanglia.ac.uk	
	Programme Name	Qualification	Duration	Fees
1.	Polymer Processing & Related Operations	NVQ Level 2		

Walsall College				
Address:	Wisemore Campus Littleton Street West Walsall WS2 8ES	Contact Name: Position:	Steve Saunders	
Telephone: Fax: Email: Website:	01922 657000 01922 657083 info@walsallcollege.ac.uk www.walsallcollege.ac.uk	Telephone: Email:	01922 657000 ssaunders@walsallcollege.ac.uk	
	Programme Name	Qualification	Duration	Fees
1.	Polymer Processing & Related Operations	NVQ Level 1		
2.	Polymer Processing & Related Operations	NVQ Level 2		
3.	Polymer Processing & Related Operations	NVQ Level 3		

West Nottinghamshire College				
Address:	The Engine, Sovereign House Sovereign Way Mansfield Nottinghamshire NG18 4LQ	Contact Name: Position:	Kanchan Sanyal Business Development Manager	
Telephone: Fax: Email: Website:	01623 627 191 www.wnc.ac.uk	Telephone: Email:	01623 627 191 et 8329 kanchan.sanyal@wnc.ac.uk	
	Programme Name	Qualification	Duration	Fees
1.	Polymer Processing & Related Operations	NVQ Level 1		
2.	Polymer Processing & Related Operations	NVQ Level 2		

IPS International Ltd				
Address:	Northbank House, Sir Thomas Langley Road Medway City Estate Rochester Kent ME2 4DU	Contact Name: Position:	Don McDonald Director	
Telephone: Fax: Email: Website:	01634 298 800 theoffice@ips-international.com www.ips-international.com	Telephone: Email:	01634 298800 theoffice@ips-international.com	
	Programme Name	Qualification	Duration	Fees
1.	Polymer Processing & Related Operations	NVQ level 2		
2.	Sign Making	NVQ level 2		

Plastic Training Solutions				
Address:	73 Churchill Drive Marske-by-the-Sea Redcar TS11 6AY	Contact Name: Position:	Ian Francis Owner	
Telephone: Fax: Email: Website:	01642 481 323 www.plasticstrainingsolutions.co.uk	Telephone: Email:	07769 251 679 info@plasticstrainingsolutions.co.uk	
	Programme Name	Qualification	Duration	Fees
1.	Polymer Processing & Related Operations	NVQ Level 1		
2.	Polymer Processing & Related Operations	NVQ Level 2		
3.	Polymer Processing & Related Operations	NVQ Level 3		

Solutions 4 polymers Ltd				
Address:	Mablen House 45 New Road Burntwood Staffordshire WS7 0BN	Contact Name: Position:	Andy Barnard Managing Director	
Telephone: Fax: Email: Website:	01543 674 525 www.s4pltd.co.uk	Telephone: Email:	07773 373 127 andy@s4pltd.co.uk	
	Programme Name	Qualification	Duration	Fees
1.	Polymer Processing & Related Operations	NVQ Level 1		
2.	Polymer Processing & Related Operations	NVQ Level 2		
3.	Polymer Processing & Related Operations	NVQ Level 3		

3.5 Short Courses

- 3.5.1 Universities
- 3.5.2 Colleges
- 3.5.3 Independent Providers
- 3.5.4 Machinery Suppliers

3.5.1. Universities

University of Brighton				
Address:	Collaborative Training Centre Cockcroft Building Moulsecoomb Brighton BN2 3EN	Contact Name:	Barbara Gretton CPD Manager	
Telephone:	01273 642305	Telephone:	01273 642204	
Fax:	01273 642444	Email:	b.m.gretton@brighton.ac.uk	
Email:	ctc@brighton.ac.uk			
Website:	www.brighton.ac.uk/ctc			
	Programme Name	Qualification	Duration	Fees
1.	Engineering and High Performance Polymers	Cert attend	3 days	£750 +VAT
2.	Commodity Thermoplastics, Injection Mould and Component design	Cert attend	3 day	£750 +VAT

Glyndwr University				
Address:	Materials Science Research Centre Plas Coch Mold Road Wrexham LL11 2AW	Contact Name:	Professor Peter A. Williams Director of Materials Science Research Centre	
Telephone:	01978 290 666	Telephone:	01978 293083	
Fax:		Email:	p.a.williams@newi.ac.uk	
Email:				
Website:	www.glyndwr.ac.uk			
	Programme Name	Qualification	Duration	Fees
1.	Industrial Water Soluble Polymers			
2.	Industrial Applications of Rheology			

London Metropolitan University				
Address:	London Metropolitan Polymers Centre BR105 Tower Building 166-220 Holloway Road London N7 8DB	Contact Name: Position:	Dr Matthew Philip Academic Leader, 41-71 Commercial Rd, London E1 1LA	
Telephone: Fax: Email: Website:	020 7423 0000 020 7320 1830 polymers@londonmet.ac.uk www.londonmet.ac.uk/polym ers	Telephone: Email:	020 7320 1829 m.philip@londonmet.ac.uk	
	Programme Name	Qualification	Duration	Fees
1.	Plastics Product Design and Manufacture	leads to MSc	5 d +DL	£885
2.	Plastics Properties & Materials Selection	leads to MSc	5 d +DL	
3.	Principles of Polymer Science	leads to MSc	5 d +DL	£885
4.	Computer design Rheology	leads to MSc	5 d +DL	£885
5.	Injection Moulding Design	leads to MSc	5 d +DL	£885
6.	Rubber Compound Design	leads to MSc	5 d +DL	£885
7.	Rubber Processing & Product Manufacture	leads to MSc	5 d +DL	£885
8.	Product Development and Recycling	Cert attend		
9.	Introduction to Plastics Technology	Cert attend		
10.	Introduction to Rubber Technology	Cert attend		

Loughborough University				
Address:	Department of Materials Loughborough Leicestershire LE11 3TU	Contact Name: Position:	Martin White Graduate Development Officer	
Telephone: Fax: Email: Website:	01509 223 331 01509 223 949 materials@lbro.ac.uk www.lboro.ac.uk	Telephone: Email:	01509 228 592 m.e.white@lboro.ac.uk	
	Programme Name	Qualification	Duration	Fees
1.	Plastics:Processing and Properties		5 days	£1090
2.	The Science and Technology of PVC		5 days	£1090
3.	Rubber Compounding and Processing		5 days	£1090
4.	Adhesive Bonding		4 days	£1090
5.	Materials Sustainability & the Environment		5 days	£1090
6.	Packaging Materials:Plastics		5 days	£1090

Queen's University, Belfast			
Address:	Polymer Processing Research Centre Ashby Building, Stranmillis Road, BELFAST BT9 5AH	Contact Name: Position:	Denise Price Business Manager
Telephone: Fax: Email: Website:	028 9097 4700 www.qub.ac.uk/pprc	Telephone: Email:	d.price@qub.ac.uk

	Programme Name	Qualification	Duration	Fees
1.	Introduction to Polymer Materials	Cert attend	2 days	
2.	Introduction to Rheology of Polymer Melts	Cert attend	1 day	
3.	Single Screw Extrusion	Cert attend		
4.	Twin Screw Extrusion and Compounding	Cert attend		
5.	Blown Film Extrusion	Cert attend	3 days	
6.	Tube and Pipe Extrusion	Cert attend	3 adys	
7.	Multilayer Extrusion of Film and Sheet	Cert attend		
8.	Profile Extrusion	Cert attend		
9.	Sheet Extrusion and Thermoforming	Cert attend	2 days	
10	Calendering	Cert attend		
11	Rotational moulding		3 days	
12	Injection Moulding	Cert attend	2 days	
13	Tensile and Flexural Analysis	Cert attend		

Sheffield University			
Address:	The Polymer Centre Dainton Building Brook Hill Sheffield S3 7HF	Contact Name: Position:	Shelagh Cowley Training and Events Manager
Telephone: Fax: Email: Website:	0114 222 9537 0114 222 9359 www.polymercentre.org.uk	Telephone: Email:	0114 222 9520 s.h.cowley@sheffield.ac.uk

	Programme Name	Qualification	Duration	Fees
1.	Polymer Science and Technology		10 days	£2250
2.	Basic Polymer Science Pt I		1 day	£330
3.	Basic Polymer Science Pt II		1 day	£330
4.	Polymer Chemistry		1 day	£330
5.	Polymer Engineering		1 day	£330
6.	Polymer Physics		1 day	£330
7.	Composites		1 day	£330
8.	Organic Electronics		1 day	£330
9.	Polymeric Biomaterials		1 day	£330
10	Introduction to Polymer Nanotechnology		1 day	£330
11	Polymer Dynamics and Macromolecular Rheology		1 day	£330

University of Surrey				
Address:	Faculty of Engineering and Physical Sciences Guildford GU2 7XH	Contact Name:	Miss Jenna Maher PG Teaching Support	
Telephone:		Telephone:	01483 689 378	
Fax:		Email:	advancedmaterialsmsc@surrey.ac.uk	
Email:				
Website:	www.surrey.ac.uk			
	Programme Name	Qualification	Duration	Fees
1.	Polymers: Science, Engineering and Applications		5 days	£1220
2.	Introduction to Composite Materials		5 day	£1220

3.5.2. Colleges

Polymer Training and Innovation Centre				
Address:	City of Wolverhampton College Trevithick House Stafford Park 4 Telford TF3 3BA	Contact Name:	Charmaine Bowers Operations Manager	
Telephone:	01952 610101	Telephone:	01952 610101	
Fax:	01952 273 744	Email:	bowersc@wolvcoll.ac.uk	
Email:	PTIC@wolvcoll.ac.uk			
Website:	www.wolvcoll.ac.uk/polymer			
	Programme Name	Qualification	Duration	Fees
1.	Polymer Industry Appreciation	PTIC Cert	1 day	£195
2.	Injection Moulding Appreciation	PTIC Cert	2 day	£445
3.	Injection Moulding Part 1	PTIC Cert	1 day	£245
4.	Injection Moulding Part 2	PTIC Cert	4 days	£795
5.	Injection Moulding Part 3	PTIC Cert	5 days	£995
6.	Safe Mould Change Option	PTIC Cert	1 day	£245
7.	Advanced Processing Technology (Injection Moulding)	PTIC Cert	4.5 days	£1045
8.	SMED Injection Moulding	PTIC Cert	1 day	£195
9.	Mould Mounting	PTIC Cert	2 days	£495
10.	Blow moulding Technology Part 2	PTIC Cert	4 day	£795
11.	Blow Moulding Technology Part 3	PTIC Cert	5 days	£995
12.	Blown Film Technology Part 2	PTIC Cert	4 days	POA
13.	Blown Film Technology Part 3	PTIC Cert	5 days	POA
14.	Extrusion Technology Part 2	PTIC Cert	4 days	POA
15.	Extrusion Technology Part 3	PTIC Cert	5 days	POA

3.5.3. Independent Providers

Autodesk Ltd				
Address:	1 Meadow Gate Avenue Farnborough Hampshire GU14 6FG	Contact Name: Position:	Eric Henry Technical Sales	
Telephone: Fax: Email: Website:	01252 456 600 01252 456 602 moldflow.info@autodesk.com www.autodesk.com	Telephone: Email:	01252 456 600 eric.henry@autodesk.com	
	Programme Name	Qualification	Duration	Fees
1.	Moldflow Insight Basic	Cert attend	4 day	£1760
2.	Moldflow Insight Performance	Cert attend	2 day	£880
3.	Moldflow Insight Advanced	Cert attend	1 day	£440

Blow It All Ltd				
Address:	Sabrina House 20 King Charles Way Bridgnorth Shropshire WV16 4JY	Contact Name: Position:	Nick Thacker Owner	
Telephone: Fax: Email: Website:	01746 768 811 admin@blowitall.com www.blowitall.co.uk	Telephone: Email:	01746 768 811 admin@blowitall.com	
	Programme Name	Qualification	Duration	Fees
1.	Extrusion Blow Moulding		2-5 days	£795 + VAT per day +expenses
2.	Rigid Plastics - caps and bottles		2-5 days	£795 + VAT per day +expenses

G&A Moulding Technology Limited				
Address:	26 Tresham Road Orton Southgate Peterborough PE2 6SG	Contact Name: Position:	Pat Goff Director	
Telephone: Fax: Email: Website:	01733 232211 01733 231902 mail@gandamoulding.co.uk www.gandamoulding.co.uk	Telephone: Email:	01733 232211 patgoff@gandamoulding.co.uk	
	Programme Name	Qualification	Duration	Fees
1.	Mould Mounting		3 day	£475
2.	Fundamentals of Injection Moulding		4 day	£895
3.	Melt Preparation and Plasticisation		3 day	£695
4.	Process Control Technology		3 day	£695
5.	Materials Technology		3 day	£695
6.	High Performance Moulding		4 days	£895
7.	Hot Runner		3 day	£895
8.	Design for Manufacture		3 day	£895

Independent Polymer Technology Ltd ,				
Address:	Unit F4, Halesfield 23, Telford, Shropshire, TF7 4NY	Contact Name: Position:	Dr Joanne Waterson Director	
Telephone: Fax: Email: Website:	01952 588 591 enquiries@ipolytech.com www.ipolytech.com	Telephone: Email:	01952 588 591 jwaterson@ipolytech.com	
	Programme Name	Qualification	Duration	Fees
1.	Introduction to Polymer Technology		2 day	£390
2.	Polymer Basics		1 day	£195

iSmithers Rapra				
Address:	Shawbury Shrewsbury Shropshire SY4 4NR	Contact Name: Position:	Gill Tunnicliffe Business Manager, Training	
Telephone: Fax: Email: Website:	+44 (0) 1939 252412 training@ismithers.net www.ismithersd.net	Telephone: Email:	1939 252408 gtunnicliffe@ismithers.net	
	Programme Name	Qualification	Duration	Fees
1.	Introduction to Plastics Technology		2 day	£525
2.	Introduction to Rubber Technology		2 day	£525
3.	Plastics Materials & Products		2 day	£525
4.	Introduction to Silicone Elastomers		1 day	£325
5.	Polyurethanes: Science, Applications, Technology		2 day	£525
6.	Thermoplastic Elastomers		2 day	£525
7.	Plastics Injection Moulding Technology		2 day	£525
8.	Plastics Injection Mould Design		2 day	£525
9.	Exploring Plastics Extrusion		2 day	£525
10.	Coextrusion: Sheet and Film		1 day	£325
11.	Coextrusion: Pipe and Blow Moulding		1 day	£325
12.	Plastic Product Design		2 day	£525
13.	Principles of Rubber Bonding		2 day	£2 day
14.	Plastic Medical Materials & Processing Technology		2 day	£525

Plastic Training Solutions				
Address:	73 Churchill Drive Marske-by-the-Sea Redcar TS11 6AY	Contact Name: Position:	Ian Francis Owner	
Telephone: Fax: Email: Website:	01642 481 323 www.plasticstrainingsolutions.co.uk	Telephone: Email:	07769 251 679 info@plasticstrainingsolutions.co.uk	
	Programme Name	Qualification	Duration	Fees
1.	Injection Moulding Processing	N/SVQ Levels 1-3	up to 5 day	negotiable

Polybridge Training Ltd				
Address:	42 Linley View Drive Bridgnorth Shropshire WV16 4RT	Contact Name:	David Jeavons Director	
Telephone:	01746 761 875	Telephone:	07774 732 129	
Fax:	01746 761 875	Email:	info@polybridgetraining.co.uk	
Email:	info@polybridgetraining.co.uk			
Website:	www.polybridgetraining.co.uk			
	Programme Name	Qualification	Duration	Fees
1.	Injection Moulding Process & Design		3 day	£730
2.	Injection Moulding Design & Procurement		2 day	£550
3.	Injection Moulding Theory & Practice		2 day	£550
4.	Understanding Process technology		2 day	£550
5.	Injection Moulding Working Safely		1 day	£125

PSC Associates				
Address:	9 Saffron Court Shoreham-by-sea West Sussex BN43 6JF	Contact Name:	Peter Cracknell	
Telephone:	01273 885 914	Telephone:	01273 885 914	
Fax:		Email:	peter.cracknell3@ntlworld.com	
Email:				
Website:				
	Programme Name	Qualification	Duration	Fees
1.	Injection Moulding Design	NVQ 2 to postgrad	3 day	£1950*
2.	Plastic Part Design	introductory	2 day	£1300
3.	Plastic Part Design	NVQ 2	3 day	£1950
4.	Plastics Materials Selection	NVQ 2 to postgrad	3 day	£1950
5.	Plastic Part Design, Mould Design & Material Selection	introductroy	5 day	£3250
6.	Engineering & High Performance Polymers	postgrad	3 day	£1950
7.	Commodity Themoplastics, Mould & Part design	introductory	3 day	£1950
8.	Plastic Product Design Troubleshootong	NVQ 2	2 day	£1300
9.	Medical Plastics	introductory	3 day	£1950
10.	Commodity Thermoplastics	NVQ 2	2 day	£1300
11.	Injection Moulding Technology	NVQ 2 to postgrad	2 day	£1300
12.	Vacuum Forming Technology	NVQ 2	2 day	£1300
13.	Advanced Level Plastic Part design	postgrad	3 day	£1950
14.	Plastics Workshop Risk Assessment	NVQ 2	2 day	£1300

*Tutor fee for course on customer premises; travel and subsistence additional

Solutions 4 Polymers Ltd				
Address:	Mablen House 45 New Road Burntwood Staffordshire WS7 0BN	Contact Name: Position:	Andy Barnard Managing Director	
Telephone: Fax: Email: Website:	01543 674 525 www.s4pltd.co.uk	Telephone: Email:	07773 373 127 andy@s4pltd.co.uk	
	Programme Name	Qualification	Duration	Fees
1.	Polymer Processing & Related Operations	N/SVQ		POA
2.	Injection Moulding	bespoke		POA
3.	Blow Moulding			POA
4.	Extrusion			POA
5.	Thermoforming			POA
6.	Packaging			POA
7.	Composites			POA

3.5.4. Machinery Suppliers

Arburg Ltd				
Address:	Tachbrook Drive Warwick CV34 6RH	Contact Name: Position:	Robin Hambrook Service Manager	
Telephone: Fax: Email: Website:	01926 457 000 01926 457 030 uk@arburg.co.uk www.arburg.com	Telephone: Email:	01926 457 031 robin_hambrook@arburg.com	
	Programme Name	Qualification	Duration	Fees
1.	Machine Setting		2 day	£325
2.	SELOGICA Familiarisation		1 day	£145
3.	Material selection and Processing		2 day	£325
4.	Service Course		2 day	£325

Demag Hamilton Ltd				
Address:	Accent House Triangle Business Park Wendover Road Stoke Mandeville, Bucks HP22 5BL	Contact Name: Position:	Dave Nash Training and Project Manager	
Telephone: Fax: Email: Website:	01296 739500 01296 739501 www.demag-hamilton.co.uk	Telephone: Email:	01296 739500 training.uk@dpg.com	
	Programme Name	Qualification	Duration	Fees
1.	ERGOTECH Machine Setting		2.5 day	£495
2.	Optimisation of ERGOTECH Machines		2.5 day	£495
3.	Moulding Defects: Recognition and Rectification		2 day	£395
4.	Processing for Quality		5 day	£880
5.	Materials technology		5 day	£880
6.	Appreciation of Injection Moulding		2 day	£395
7.	Introduction to Two-Shot moulding		3 day	POA
8.	Maintenance course		5 day	£880

Engel UK Ltd				
Address:	Apollo Way CV34 6RW	Contact Name: Position:	Mike Madden Training Manager	
Telephone: Fax: Email: Website:	01926 335 000 01926 336 677 euk@engel.at www.engelglobal.com/uk	Telephone: Email:	01926 334 000 service.uk@engel.at	
	Programme Name	Qualification	Duration	Fees
1.	Engel Operator Basic		2 day	£480
2.	Engel Operator Advanced		2 day	£440
3.	Engel Robot Basic		2 day	£440
4.	Engel Robot Advanced		2 day	£440
5.	Engel Control Basic		2 day	£440
6.	Engel Control Advanced		2 day	£440
7.	Engel Control:Electric Machines		2 day	£440
8.	Engel hydraulics		2 day	£440

Krauss-Maffei (UK) Ltd				
Address:	Europa Boulevard Gemini Business Park Warrington Cheshire WA5 7TR	Contact Name: Position:	Roger Ewers Training Manager	
Telephone: Fax: Email: Website:	01925 644 100 01925 234 284 info@kraussmaffe.co.uk www.kraussmaffe.co.uk	Telephone: Email:	01925 644 100 training@kraussmaffe.co.uk	
	Programme Name	Qualification	Duration	Fees
1.	Machine Familiarisation		3 day	£715
2.	Control Systems		3 day	£715
3.	Machine Maintenance		3 day	£715
4.	Introduction to Robots		2 day	£475
5.	Robot Programming		2 day	£475
6.	Hydraulics		2 day	£475

Negri Bossi UK Ltd				
Address:	Unit 2 Titan Business Centre, Spartan Close Tachbrook Park Warwick CV34 6RR	Contact Name: Position:	Ian Thorp Training Officer	
Telephone: Fax: Email: Website:	01926 420303 01926 338271 sales@negribossi.co.uk www.negribossi.co.uk	Telephone: Email:	01926 420303 ianT@negribossi.co.uk	
	Programme Name	Qualification	Duration	Fees
1.	Machine Familiarisation and Basic Setting		2 day	£450 / 980*
2.	Machine and Process Optimisation		2 day	£450 / 980*
3.	Cambio Machine Maintenance and Diagnostics		2 day	POA
4.	Vector Machine Maintenance and Diagnostics		2 day	POA

*Higher fee for courses on customer premises

Sandretto Ltd				
Address:	Leigh Road, Haynes Way Swift Valley Ind Estate Rugby CV21 1DS	Contact Name: Position:	Sue Montgomery	
Telephone: Fax: Email: Website:	01788 544 221 01788 542 195 info@sandretto.co.uk www.sandretto.co.uk	Telephone: Email:	01788 544 221 welcome@sandretto.co.uk	
	Programme Name	Qualification	Duration	Fees
1.	Machine Familiarisation & Setting		2 day	£300

3.6 Flexible Learning

A. Routsis Associates, Inc.				
Address:	275 Donohue Rd., Suite 1 Dracut, MA USA 1826	Contact Name: Position:	Andy Routsis President	
Telephone: Fax: Email: Website:	978 957 0700 978 957 1860 info@traininteractive.com www.traininteractive.com	Telephone: Email:	andyr@traininteractive.com	
	Programme Name	Qualification	Duration	Fees
1.	Injection Moulding (17 programmes)			\$97 - \$497
2.	Extrusion (4 programmes)			\$197 - \$597
3.	Blow Moulding (3 programmes)			\$197 - \$497
4.	Mould and Part Design (2 programmes)			\$597 - \$797

London Metropolitan University				
Address:	London Metropolitan Polymers Centre BR105 Tower Building 166-220 Holloway Road London N7 8DB	Contact Name: Position:	Dr Matthew Philip Academic Leader, 41-71 Commercial Rd, London E1 1LA	
Telephone: Fax: Email: Website:	020 7423 0000 020 7320 1830 polymers@londonmet.ac.uk www.londonmet.ac.uk/polym ers	Telephone: Email:	020 7320 1829 m.philip@londonmet.ac.uk	
	Programme Name	Qualification	Duration	Fees
1.	Manufacture & Design for Polymer Products (IGDS)	MSc		
2.	Polymer Technology	FDS		
3.	Polymer Technology (Polyflex)	University Certificate		

Paulson Training Programs, Inc.				
Address:	3 Inspiration Lane PO Box 366 Chester, Connecticut USA 6412	Contact Name: Position:	Larry Mercugliano International Sales Manager	
Telephone: Fax: Email: Website:	info@paulsontraining.com www.paulsontraining.com	Telephone: Email:	larrym@paulsontraining.com	
	Programme Name	Qualification	Duration	Fees
1.	Injection Moulding (19 programmes)	operators to engineers		\$2195 - \$6895
2.	Extrusion (10 programmes)	technicians to engineers		\$2195 - \$8795
3.	Blow Moulding (1 programme)	technicians to engineers		\$6595
4.	Polymer Materials (10 programmes)	technicians to engineers		\$545

Rauwendaal Extrusion Engineering, Inc.				
Address:	10556 Combie Rd # 6677 Auburn CA 95602-8908 USA	Contact Name:	Sietske Rauwendaal	
Telephone:	530.269.1082	Telephone:		
Fax:		Email:	sietske@rauwendaal.com	
Email:				
Website:	www.rauwendaal.com			
	Programme Name	Qualification	Duration	Fees
1.	Introduction to Injection Moulding (2 sessions)			\$750
2.	Injection Moulding and Plastic Properties (3 sessions)			\$1100
3.	Statistical Process Control for Injection Moulding (6 sessions)			\$2200
4.	ITX Interactive Extrusion Training (7 sessions)			\$750 per session

For more information on
Cogent visit our website:
www.cogent-ssc.com

or contact us on: 01925 515 200

Cogent SSC, Unit 5, Mandarin Court,
Centre Park, Warrington WA1 1GG