

Digital Print Bureau

Fine Art Inkjet

Digital Textiles

Laser Printing

Transparencies

Vinyl Print & Cut

Dye Sublimation

Print Finishing



Fine Art Inkjet Printing

Our Epson 44" wide format inkjet uses 11 different ink colours. We also have a Canon 60" 8 Colour Graphics wide format printer for high resolution reproduction and a wide colour gamut, using pigment based inks that have a much longer lifespan than the normal dye inks you find in desktop inkjets. The life of a print is affected by many factors including exposure to UV and other light waves, air pollution, humidity, air circulation and the media used. It is recommended that prints are framed under glass for longevity. The pigment-based inks we use will not fade for at least 75 years when printed on our coated paper.

We have a range of different media we keep in stock on rolls of 1.50m or 1.04m wide, prices are charged by A sizes or by half metre off the roll. Prints can be made up to 10 metres long. We can group smaller images together to fill the print area, for example: 6 x A4 images will fit on to a 104cm x 50cm roll.

Price List -Fine Art Inkjet	A2	A1
Fine Art Matt 315gsm	£9.00	£18.00
Somerset Textured Paper 255gsm	£10.00	£20.00
Matt Paper 180gsm	£4.00	£8.00
Satin Photo Paper 235gsm	£5.00	£10.00
Gloss Photo Paper 235gsm	£5.00	£10.00
Canvas 410gsm	£9.00	£18.00
Matt 180gsm Double Sided	£6.00	na
Your own paper supply	£3.00	£6.00
Your own paper double sided	£5.00	£8.00
Transparent Silk Screen Film	£6.50	£10.00
Backlit Film for light Boxes	£9.00	£18.00

Please contact us to see prices for different size prints.

Paper Roll sizes

Somerset	109cm and 150 cm
Fine Art Matt	109cm
Matt	104cm and 150cm
Satin/Gloss	104cm and 150cm
Backlit Film	127cm
Silk Screen Film	90cm
Canvas	150cm



Uncoated Paper

We can also print onto papers that you may wish to supply yourself providing they are suitable. The Art Shop here at Bower Ashton, stock a wide range of paper which have been tested. Please make sure it's not thinner than 80 gsm and no heavier than 400 gsm. **Please note: If we print on to your own uncoated paper, colour and vibrancy will be compromised.** Please come in beforehand to show an example and discuss requirements.

We cannot print on Newsprint (The ink soaks through and the printer tears the paper which can ruin the print heads). An alternative would be Sugar Paper.

Preparing your files

It is recommended that images are saved as flattened **TIFF** files or **Highest Quality JPEG**.

Files must be saved at the print size you require and at a resolution of 300ppi (pixels per inch). For very large prints (over 1.5m) resolution can go down to 150/200 ppi

Please flatten all the layers. Colour images should also be saved in RGB mode. See staff in the Digital Design Studios for help with scanning and formatting your images.

Saving Illustrator and InDesign files:

Export your file as a PDF with all fonts and images embedded.

Accepted file formats: **PDF, JPG, PNG, TIFF**

Digital Textiles Printing

Process

Fabrics go through 3 different processes before the fabric is ready for use.

Print
Steam
Wash

Dyes are printed but not fixed
To fix the dyes into the fabric
To remove excess dye & coating

Please note that after the fabric has been steamed & washed there will be some shrinkage in the width & length, mostly in length. This will differ with every fabric as they are made from different fibres.

The printer can print onto fabric up to approximately 135cm wide. We recommend you use and fill the width with print as you will be charged for the excess fabric.

Coated Fabric comes on a roll so you can print as long as you need in length.

Producing a repeat pattern

The Mimaki printer can print straight match repeats both horizontally & vertically.

If you wish to produce a pattern that is to be repeated, it is your responsibility to make sure that the pattern seamlessly joins at the top, bottom & sides of your repeat tile.

Please bring your single repeat tile, which can then be repeated over a specified length.

It is recommended that you check your designs thoroughly before handing them in to be printed.

Preparing your files

Files need to be saved as a flattened **JPG**

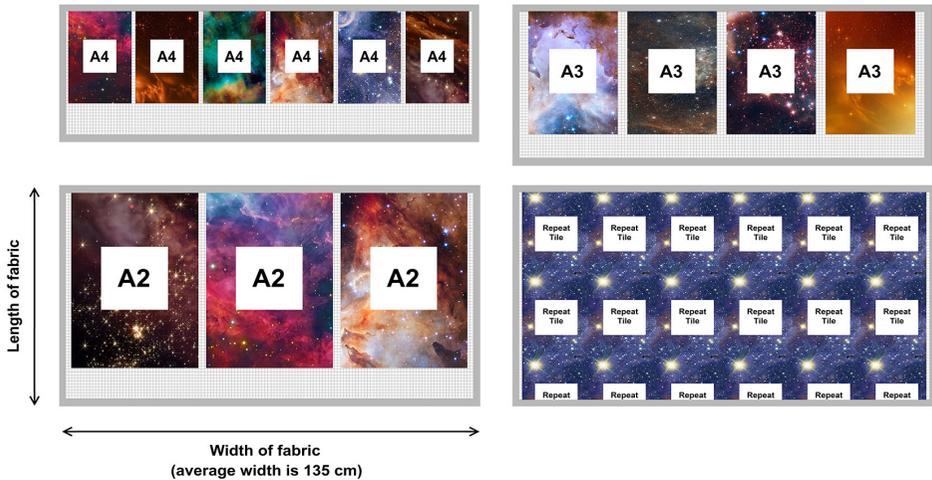
Saved at the print size you require e.g. A3/A2

Resolution **200ppi** (pixels per inch)

Saved in **RGB** colour mode.

Your job will be booked in and we can estimate a time for collection and a final price. Please pay via the student card system. Pay with your card in the Art Shop and bring your receipt back when you collect.

Swatch Layout & sizes across fabric width



Print Price List - Coated Fabric

Coated Fabrics come on a roll and are approximately 135cm wide. These price are per metre but there is no minimum fabric purchase.

Cotton Duck Canvas	£27.50
Cotton Valdez	£24
Cotton Satin	£25
Cotton Linen Tramore	£27
Juniper Linen	£29
Cotton Jersey Eden	£28
Worsted Twill Wool	£36
Habotai Silk Medium	£28
Habotai Silk Heavy	£33
Bamboo Silk Satin	£28
Silk Viscose Satin	£31
Twill Silk	£32
Satin Silk	£34

Colour Laser Printing

We have a Xerox colour laser printer with Matt or Silk paper at different weights in stock, it will print double sided and will take paper up to 350gsm.

The Laser printer can print **A4**, **A3** and up to **SRA3** (32 x 45cm) size. Files saved on a memory stick, can be dropped off and checked, or ordered online. Your Job will then go to the laser print queue and we can estimate the cost and a time for collection.

Xerox Laser Prints	A4	A3	SRA3
Colour	20p	40p	60p
Duplex (double-sided)	30p	50p	70p
Black and white	15p	30p	50p

Quantity Discounts

		Paper stock/weight
10 prints	5% off	Xerox Colortech Matt or Silk
20 prints	10% off	A4 & A3 - 100gsm, 120gsm, 160gsm, 250gsm & 300gsm
30 prints	15% off	SRA3 - 120gsm & 350gsm
40 prints	20% off	

Preparing your files

It is best to save your file with a name you can recognise and it is helpful to include the paper type and if you want double sided (Duplex) or single sheets,

eg: Johnsbook-A4-matt120gsm-doublesided.pdf

Accepted file formats: PDF, JPG, PNG, TIFF

No InDesign files please.

Folding Booklet (Zine) Print Prices

Finished book size	A5	A4	A4 + Bleed
36 page booklet	£2.70	£4.50	£6.30
32 page booklet	£2.40	£4.00	£5.60
28 page booklet	£2.10	£3.50	£4.90
24 page booklet	£1.80	£3.00	£4.20
20 page booklet	£1.50	£2.50	£3.50
16 page booklet	£1.20	£2.00	£2.80
12 page booklet	£0.90	£1.50	£2.10
8 page booklet	£0.60	£1.00	£1.40

Preparing your files

The number of booklet pages must be a **multiple of 4**.

Please supply your booklet artwork as a **single pages PDF** with bleed (if printing to the edge).

Save your PDF with your name, your paper choice and size and if you want it printed doublesided (duplex).

e.g. Johnsbook-A4-matt120gsm-doublesided.pdf

We have a range of paper weights which come in matt or silk. We can also print on your own paper if it's for a laser printer.

Quantity discounts are available.

No InDesign files please.

Transparencies

We can print onto large size transparent film/acetate using our Inkjet Wide Format printers and our own supply of film. From over A3 size up to 60 x 130cm (large Screen), the maximum width of our film is 90cm and it comes on a roll so it can print as long as you need in length.

Please take into consideration the maximum size of the silkscreen you want to use. Talk to a technical member of staff in the given area (paper print/ textile print), before printing any transparencies to check availability and advice, each area will have different requirements.

Spot Colours

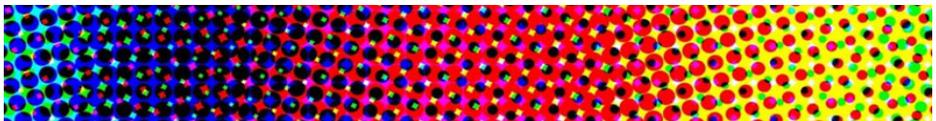
We print solid black ink for spot colour separations, if you need a gradient or grey tones you can create a dot in photoshop by converting the image to Bitmap and using diffusion dither or halftone screen.

CMYK Separations

We have imagesetting software (Filmmaker 10+) for making CMYK separations and precision halftoning on our Epson SC Pro 9000s printer, for positives that are over A3 size and are too big to be printed on a laser printer. Spot colour precision halftone Separations can also be printed with this software.

A3 or smaller sized images

Pharos Laser printers are available in DDS room OF11 (F Block, yellow room) for printing positives up to A3 size, the printers are pre-loaded with Folex or Acetate and use the Pharos/Library system for payments. The laser printers are great for printing colour separations and can be printed with different halftone sizes via inDesign.



Wide Format Transparency Prices

Printed Textiles

A2 - 42cm x 59.4cm	£6.50
A1 - 59.4cm x 84.1cm	£10.00
Medium Screen - 60cm x 90cm	£12.00
Large Screen - 60cm x 130cm	£15.00

Screenprint

A2 - 42cm x 59.4cm	£6.50
A1 - 59.4cm x 84.1cm	£10.00

Lithographic

Max. plate Size - Up to 60cm x 65cm	£7.50
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Preparing your files

Images over A3 size for inkjet printing:

Save Spot colour images as a flattened **Jpeg**, **300 ppi** resolution and **Greyscale** colour mode at the size you want to print.

For CMYK Separations convert your image to **CMYK** colour mode and save as a flattened **Jpeg**, **300 ppi** resolution at the size you want to print.

You can use our online order form to send us the job, or come in with your work on a usb stick/harddrive. Your job will be booked in and we can estimate time for collection and final price.

Vinyl Printing & Cutting

We have a wide format Mimaki CJV150-130 Vinyl Cutter/printer which can take rolls of up to 1300mm wide. The Printer uses waterproof eco solvent based inks.

It can print on a wide variety of media including

- Self Adhesive vinyl for stickers
- Wet cling vinyl for removeable window stickers
- Heavyweight outdoor banners
- Coloured self adhesive vinyl

Once the vinyl has been printed it can then be cut to any shape.

We can also cut the vinyl without any printing.

Vinyl is really useful for making stencils and for masking.

Cutting jobs are quoted with the release/transfer tape with negatives removed, unless requested to be remained in the sheet or text is so fine as to take hours to pick out.

We have self adhesive vinyl in stock in the following colours:

Clear, Black, White, Red, Blue, Yellow, Green, Metallic Silver and Metallic Gold. More colours are available in both gloss and matt, but will incur additional time to bring into stock.

Vinyl Type	Cut			Print			Print & Cut		
	1/4 m	1/2 m	1 m	1/4 m	1/2 m	1 m	1/4 m	1/2 m	1 m
Sticker Vinyl (for print/cut) White or Clear 1300mm	£6	£8	£12	£8	£10	£14	£10	£12	£16
Wet Cling Vinyl White or Clear 1300mm	£10	£12	£16	£12	£14	£18	£14	£16	£20
Coloured Matt Vinyl (cut only) Various Colours 1100mm	£8	£10	£14	.....	.....	.....	.....	.....	.....
Front-lit PVC White Banner 1300mm	.....	.....	.....	£8	£10	£14	.....	.....	.....

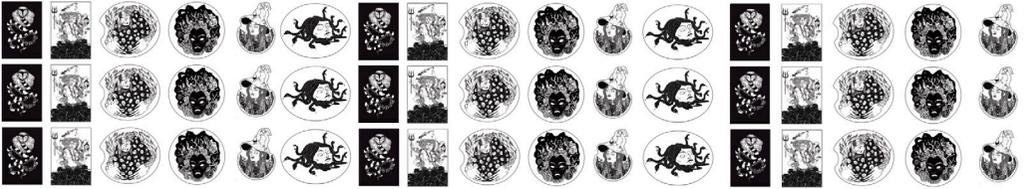
Please Note: There is a minimum purchase for vinyl of 1/4 metre.

Preparing your files

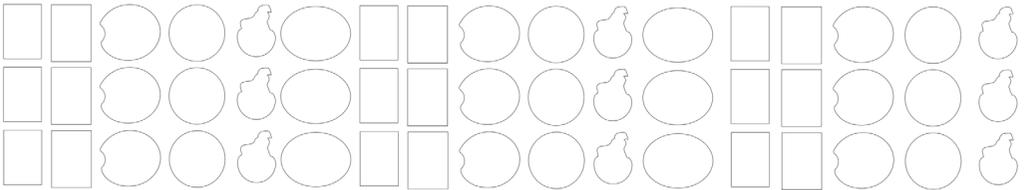
Adobe Illustrator files are used for printing and cutting. Please set up your file so it fits along the width of the roll, 1300mm for clear or white vinyl, banner and wet cling. For coloured vinyl the width is 1100mm.

This shows an example of a file for printed and cut stickers, each sticker has a path around the image which the machine will use to make the cut line.

Please make 2 layers, 1 for the print images & 1 for the cutlines.



Here is the file with just the cut line layer visible.



The Paths should have a stroke of .5, and need to be on a separate layer.

Save your file as an Illustrator .ai or a .eps

Make sure to either embed your images or have them in the same folder when you hand in your artwork.

Guillotine Cutting & Print Finishing

We have a large A1 size electronic guillotine for precise cutting of paper stacks and booklets. It is free to have paper cut but will need to be operated by an authorised user. We have an area for students to use for trimming and cropping finished prints, we have a booth with extraction for spray mounting work, book binding facilities, a corner cutter, book stapler, ream cutter and an eyelet machine.

Dye Sublimation

Sublimation printing is a method of printing that transfers a design into a material or fabric using ink (disperse dye) and heat.

First, graphics are printed onto transfer paper, the transfer paper is then placed faced down onto the item and heat pressed. The heat allows the dried inks on the transfer paper to turn from a solid form into gas and penetrate polyester fabrics. When heated, the polymers in the polyester encourage the inks to bond, which creates permanent graphics that are fully embedded into the material.

What Can I Sublimate? Anything polyester or with a polyester resin coating can be printed on. Our printer does not have the capability to print using white ink, so any white in your design will be the colour of the material you transfer on to. Please check with staff first if you are unsure about the suitability of materials.

Types of media you can sublimate onto;

- * Polyester fabrics or fabrics containing polyester such as Polycotton.
- * Dye Sub Aluminium sheets, various colours.
- * Polymer coated wood.
- * Perspex Acrylic sheets ISO 9001 (no deeper than 3mm).
- * Other surfaces can be used after prior treatment with a polymer spray / liquid.

We cannot sublimate onto 3D objects (mugs etc.) our heat press is for flat surfaces and materials only. No plastic as it melts!

How large can I print?

The printer transfer paper comes on a roll and is 108cm wide. However our heat press is 78cm x 138cm so the size of any printing is restricted to these dimensions. You can comfortably fit 2 A2 size images across the width of the transfer paper.

Preparing your files

Files need to be saved as a flattened **JPG, TIFF, PDF or PNG** **300 ppi** resolution and **RGB** colour mode.

Saved at the size you require e.g. A2/A1

Terms & Conditions

- All digital print bureau jobs must be logged with Staff in room OC08
- All files for printing must be handed over in a workable format & saved on a USB memory stick, external hard drive or email.
- The layout, designing, cleaning & cropping of a digital image is the responsibility of the student before it is handed in.
- **All files will be printed as received**, we cannot be responsible for mistakes, although we will flag any problems if we spot them.
- The time for collection & approximate costs of finished work will be agreed before the job is started. Turnaround depends on the size of our queue, number of prints and whether trimming is required **We aim to complete jobs as soon as possible, all print jobs will take a minimum of 1 working day from when the file was handed in, to the finished print. At busy periods it can be up to 3 days or more.**
- The responsibility of the printed output will lie with the student once the finished work has been handed over.
- Every effort will be made to colour match, but please note that printed colours appear different to those on a screen. On agreement, all faulty prints due to equipment malfunction will be re-run at no extra cost.
- The finished work will handed over untrimmed. The cropping of finished work is the responsibility of the student.
- Payments will be made through the student card system before collection of the finished print. Under no circumstance will work be handed over without payment.

Accepted File Types For Printing

Inkjet Prints

Fine Art

Photographs

Posters

Fabric

PDF, JPEG, TIFF, PNG, Ai

Your files need to be the **actual size** you want them printed at, resolution **300ppi**.

Laser Prints

Books

Zines

Posters

PDF, JPEG (single sheets/book covers)

For books we will only accept PDF.

No InDesign files please

export from inDesign as a PDF for print and with single pages.

For zines and booklets you need pages to be a multiple of 4.

Vinyl Print & Cut

Stickers

Banners

Wet Cling

Ai, EPS, PDF

Stickers should be laid out with images on one layer and cut lines on another. Embed your image files or have them in the same folder.

Files can be sent to us using our online order forms or you can supply them on a memory stick / harddrive.

Unfortunately, we do not have time to reformat or resize any artwork files. If you need help with this please see a member of staff in DDS (F Block).

**Accepted File Formats:
PDF, JPEG, TIFF, PNG, EPS,
Illustrator Ai.**

No inDesign files please!

Where else can you print at City campus?

Bower Ashton Studios

Digital Design Studios (F block)

Transparency printing (Folex and Lloyd Paton) (0F11).
Standard black and white printing and scanning (0F14-17).
Standard Pharos Colour printing and scanning (0F11).
Credit your account using the Pharos system.

www.uwe.ac.uk/study/it-services/printing

Contact - Digital Design Studios (DDS)

Virtual Support desk is open Monday to Friday at the following times: Tuesday to Friday 09:30-12:30, 13:30-16:30 (closed all day Mondays and 12:30-13:30 for lunch)

Email: dds@uwe.ac.uk

30 minute consultations can be booked through the Student Project Co-Ordinators spc@uwe.ac.uk

Bower Ashton Library

Standard black and white and colour A4 and A3 and scanning using the Pharos student printing system.

For the current costs for standard printing and to credit your Pharos account, visit the IT Services webpages.

www.uwe.ac.uk/study/it-services/printing

Contact - Library

Open 07:30-00:00 every day of the year.

Library staff are available 08:30-18:30 weekdays, term time.

Contact us 24/7/365:

<https://www.uwe.ac.uk/study/library/contact-us>

D Block (Interior Design 1D008)

Standard black and white and colour A4 and A3 and scanning using the Pharos student printing system.

Contact - IT Services

Core support hours 08:30-17:00 Monday to Thursday, 08:30-16:30 Fridays, with out of office hours telephone support available 24/7/365.

Telephone: [0117 328 3612](tel:01173283612)

Email: itonline@uwe.ac.uk

Web chat: info.uwe.ac.uk/ccwebchat/

For further IT support information, step-by-step guides and videos, wifi, printing, software, AppsAnywhere, security and much more please visit the IT Services webpages at:

<https://www.uwe.ac.uk/study/it-services>

B Block (Photography 3B002)

Standard black and white and colour A4 and A3 and scanning using the Pharos student printing system.

Contact - Photography

Monday to Thursday 09:00-20:00 & Friday 09:00-16:00 (closed 12:30-13:30 for lunch) term time only.

Telephone: [0117 328 3146](tel:01173283146)

Email: phototechs@uwe.ac.uk

Arnolfini

Graphic Design Studios (3AF008)

Xerox colour printers up to SRA3
Graphic Design students usage.

Contact - Digital Print Bureau (Xerox printers only)

Monday to Thursday 10:00-17:00 & Fri 10:00-16:00 (closed
13:00-14:00 for lunch) term time only.

Telephone: [0117 328 4789](tel:01173284789)

Email: digitalprintbureau@uwe.ac.uk

Graphic Design Studios (3AF008)

Standard black and white and colour A4 and A3 and scanning
using the Pharos student printing system.

3AF011 (Outside of)

Standard black and white and colour A4 and A3 and scanning
using the Pharos student printing system.

4AF033

Standard black and white and colour A4 and A3 and scanning
using the Pharos student printing system.

Contact - IT Services

Core support hours 0830 to 1700 Monday to Thursday, 0830 to
1630 Fridays with out of office hours telephone support available
24/7/365.

Telephone: [0117 328 3612](tel:01173283612)

Email: itonline@uwe.ac.uk

Web chat: info.uwe.ac.uk/ccwebchat/

For further IT support information, step-by-step guides and
videos, wifi, printing, software, AppsAnywhere, security and much
more please visit the IT Services webpages at:

<https://www.uwe.ac.uk/study/it-services>

Spike Island

OSI002

Standard black and white and colour A4 and A3 and scanning using the Pharos student printing system.

Contact - IT Services

Core support hours 08:30 to 17:00 Monday to Thursday, 08:30 to 16:30 Fridays with out of office hours telephone support available 24/7/365.

Telephone: [0117 328 3612](tel:01173283612)

Email: itonline@uwe.ac.uk

Web chat: info.uwe.ac.uk/ccwebchat/

Useful Links

Using the transparency printers and print release stations:

digitaldesignstudios.bowerashton.org/transparency_printing.html

Using the A3 Epson scanners:

digitaldesignstudios.bowerashton.org/scanning.html

Book a Mac in the DDS suites at Bower and Arnolfini:

digitaldesignstudios.bowerashton.org/dds-access.html

Book a PC in the library go.uwe.ac.uk/mypc

For the current costs for standard printing and to credit your Pharos account, visit the IT Services web pages:

<https://www.uwe.ac.uk/study/it-services/printing>



UWE Students can spend your £75
yearly materials allowance with us!

Opening Hours

Monday -Thursday

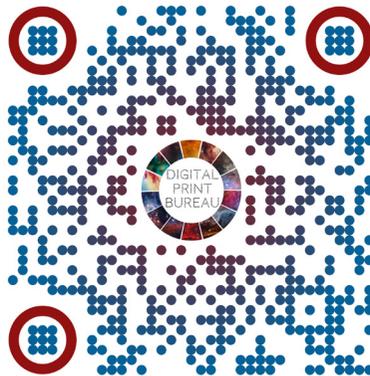
10.00 am - 5.00pm

Friday

10.00am - 4.00pm

Lunch

1.00pm - 2.00pm



Bower Ashton Room 0C008

Visit our website at: digitalprint.bowerashton.org

email us at: digitalprintbureau@uwe.ac.uk

Call us on: [0117 328 4789](tel:01173284789)

