

Abertay University

# **BA(Hons)** Computer Arts

Digital Portfolio Submission Guidelines

Illustration by Katya Dix - Year 1

Carrie

## Welcome

Thank you for your interest in our **BA(Hons) Computer Arts** programme at Abertay University. As part of your application to the course, you are asked to compile and submit a digital portfolio of creative work.

This booklet hopes to guide you through the preparation of your e-portfolio, from the selection of pieces of work to include in your submission right through to the final submission process. The e-portfolio is your chance to showcase your creativity, ability and enthusiasm for the arts.

The following will cover:

- Advice on portfolio content
- Guidance on presentation
- Examples of portfolio content
- Technical guidelines

The information within this booklet will help you prepare your e- portfolio. We look forward to seeing your work and should you have any questions about the programme, the university or the e-portfolio itself, please do not hesitate to contact us. (contact details can be found on the last page of this document)

The Computer Arts Programme Team

# The Course & E-Portfolio



Life Drawing by Dara Guthrie - Year 1

The Computer Arts programme explores digital arts practice across the creative industries, including 2D and 3D digital art, animation, computer games, physical computing and visual effects.

As an applicant, you are invited to submit an e-portfolio to showcase your artistic and creative ability in the creation, construction and development of images. Within the e-portfolio you do not have to showcase computer art creation skills but should try to showcase your ability as an artist and your potential to develop into an accomplished digital media artist.

Within the e-portfolio, assessors are looking for:

- Evidence of an understanding of art and design principles and foundations.
- Evidence of curiosity, experimentation and exploration.
- Evidence of skills with traditional or digital tools and techniques.
- Evidence of awareness of artistic, and cultural contexts.

The inclusion of both traditional and digital arts practice is encouraged. Please note that digital practice is not a requirement for entry into the first year of the programme but can be included.

### The Course & E-Portfolio Continued

Inclusion of examples of life or observational drawing and painting are encouraged, along with evidence of imaginative arts practice.

Imaginative works can include any imagery you have created in the design and development of your own characters, worlds, stories or illustrations.

Within these works, assessors want to understand your creative process, from initial concept, through research and development to the final outcome, therefore each imaginative work within the e-portfolio should be presented as a one-sheet composition which demonstrates each of the stages of ideation.

Within your e-portfolio you should aim to showcase your passion, enthusiasm and creativity. We would like to see a range of your creative work and should you have examples which do not fall into the required content detailed within these guidelines, please consider including it within your submission to further showcase your creative potential and complement the required e-portfolio content.

For example, artistic and design practices such as photography, sculpture, printmaking, collage and graphic design are also welcome additions - all forms of creative practice can contribute to your e-portfolio.



Modular 3D Environment Art- Alex Wood - Year 3

## **E-Portfolio Suggested Content**

Please ensure that your e-portfolio submission contains 10 pieces maximum.

#### It should:

- Showcase only your best work.
- Highlight your artistic interests.

#### It may include:

- Examples of traditional media work, drawn from life, each of which will count as one of your 10 pieces.
- Examples of full creative process, through ideation, development, iteration and final work, in one sheet . Each composition sheet will count as one single piece. (see page 5, 6 & 7 for further guidance and example work)
- Examples of 3D work with both final render and, where possible, wireframe construction visible. If displaying both, combine them into a single image for entry as one single piece.
- Examples of motion work between 30 seconds and a minute in length. Each individual movie file will count as one single piece.
- Annotation to communicate process, creative decision making, intended function or to detail the length of time spent upon a single piece. Include this either as text annotation within the images themselves or as an additional text file that will not count towards your 10 pieces.

#### For direct entry to year two or three, the following must be included:

- Examples of 2D and/or 3D digital work.
- Creative process work highlighting development workflow and construction.



The next three pages cover what we mean by showing process.

Any piece where you have undertaken a creative developmental process will be good to share. We're looking for examples of your decision making skills and how you build in exploration and experimentation into your practice.

We suggest that you showcase this process within one image in a composition sheet. To do this, you can use an A2 size digital file and composite multiple images into this one sheet to demonstrate your research, your development process and the final work.

You may include headings to help mark different points in the process clearly. You may also provide short annotation to help provide context for your choices and actions.

On Pages 7-8 we have both a 3D and a 2D example page from students already at Abertay. These examples may help to guide you in the presentation of your own work.

For further information of how you can tailor your folio you can visit our Computer Arts E-Portfolio Guidance page here: https://www.abertay.ac.uk/courses/undergraduate/computer-arts-e-portfolio/



#### Please note if applying for entry to year two or above:

If you are applying for advanced entry, i.e. to join the course into year two or year three, you should include images of your digital art, both 2D and 3D within your e- portfolio.

These digital art images should not only showcase your technical and software ability, but also your creativity and development processes.

Please compile the images into composition sheets (as detailed on page 7 and 8) and be sure to use annotation to describe your creative process where possible.

By looking at the examples of student work and the year they were created you will start to gain an understanding of the nature of artistic ability that will be asked within the Computer Arts programme, at different levels of study. Observing these examples may help to offer guidance on the kinds of content to include within your own portfolio, depending on the year of entry you are applying to.



#### research

l gathered images of warm, inviting and cosy library-themed interiors to use as reference for the architecture, assets, colours and atmosphere of my scene.



This arch looked like a great way of merging a wall and ceiling together.

and the second s I loved these bookpiles as they have this effect that makes a scene feel less stiff. and they increase asymmetry, which would make the scene look more interesting.



There was something satisfying about the way these books were stacked, they look neat but still interesting.

I applied seams



research

The way the books surround the chairs here creates a warm and inviting atmosphere







Book cover textures

### 141600

book pile After looking at the messy books in my research decided to create a low poly 'Book Pile' asset tha duplicated many times without bogging down my

I then ran the simulation which resulted in

the image above.

I created two simple, low poly book meshes, I unwrapped them, and used the 2

### rendering process

When I exported my assets into UE5, I started experimenting with spot lights, and where they worked in my scene. I tried light from all the different times of day, but ultimately found that darkness complimented my scene most. The harsh contrast worked well with the dark wooden materials, and the whole scene felt more cosy and inviting. I also started experimenting with a post process volume, specifically with bloom, film grain and depth of field, to enhance the brightness, texture and depth of my scene.





unused block-outs Here are some block-outs that didn't make



#### THUMBNAILS:

**INITIAL RESEARCH:** 





FINAL DEVELOPMENT: SHADING DEVELOPMENT



### -FINAL ILLUSTRATION-



2D Environment Creative Process - Wendy Tait - Year 1

# **E-Portfolio Submission**

When compiling your e-portfolio, please ensure:

- Each image is no larger than A2 in size (42.0 x 59 .4cm or 2481 x 3548 pixels at 150dpi)
- Each image is saved as a .jpeg file.
- Each video is no more than 1 minute in length and saved as a .mov or .avi file.

When you are ready to submit your e-portfolio, please send our admissions team a link to your work online.

We recommend that you set-up a dropbox.com account (for free) and upload your work to a folder online. You can then send our admissions team a direct link to view your eportfolio submission.

Our admissions team will contact you by e-mail to request your e-portfolio after you have made a formal application via UCAS.

To submit your portfolio, reply directly to our admissions team portfolio request e-mail.

If you have any questions about the submission process, please do not hesitate to contact us. (Details can be found at the end of this document)





### **Contact us**

E-mail: Admissions@abertay.ac.uk Telephone: +44(0)1382308080

3D Character Art by Erika Baunach - Year 4