

Listed below are the elective subjects available from [Photography subjects](#)

AUTUMN		SPRING	
VPA104 Prerequisite:	Intro to Digital Imaging NIL	PHT114 Prerequisite: Or PHT115 Prerequisite:	Digital Imaging VPA104 B & W Analogue Photography Nil
PHT221 Prerequisite:	Digital Photography Studio VPA104	PHT222 Prerequisite: Or PHT114 Or PHT115	Photomedia Studio VPA104 and PHT115 or PHT114 Digital Imaging B & W Analogue Photography
PHT220 Prerequisite:	Photo Imaging VPA104 and PHT115 or PHT221	PHT114 Prerequisite: Or PHT115 Prerequisite: Or PHT222 Prerequisite:	Digital Imaging VPA104 B & W Analogue Photography Nil Photomedia Studio VPA104 and PHT115 or PHT114

Following are subject outlines giving more detailed information

This subject provides an introduction to the creation and manipulation of digital images. Students will develop an individual aesthetic through this process that is also informed by a survey of significant computer generated images from the field.

Objectives

Upon successful completion of this subject, students should:

- appropriately select and prepare material for digitalisation;
- competently scan images;
- create and manipulate digital images;
- work independently in a digital studio;
- understand a range of analogue and digital processes;
- be familiar with imaging terminology;
- competently operate the appropriate soft/hardware.

Syllabus

The subject will cover the following topics:

- introduction to perspectives on digital imaging;
 - overview of contemporary computer generated artwork;
 - image composition and aesthetics;
 - digital manipulation with appropriate software;
 - image acquisition;
 - scanning images;
 - introduction to the soft/hardware and the workings of the digital studio;
 - occupational health & safety issues
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This subject expands students' knowledge and investigations in digital image manipulation with emphasis on the creative application of skills and concepts taught. Existing skills in photographic compositing, as well as image acquisition and output, will be extended with a focus on high resolution editing strategies.

Objectives

Upon successful completion of this subject, students should:

- . be able to demonstrate a strong technical understanding of practical digital imaging methodologies
- . be able to demonstrate the creative application of these methodologies through sophisticated conceptual strategies applied -- be able to digital image manipulate
- . be aware of high-resolution issues pertaining to scanning and be able to output digital images
- . be able to demonstrate an understanding of low-loss editing techniques for high resolution image manipulation
- . have a developed perspective on the use digital manipulation methodologies for creative expression, with particular reference to the photographic image

6. Syllabus

The subject will cover the following topics:

- . Advanced digital manipulation techniques, particularly photographic compositing
 - . The conceptual development underpinning creative digital imaging, and the application of critical analysis to subsequent works
 - . High-resolution scanning and other non-camera image acquisition
 - . High-resolution output techniques and colour management
 - . Advanced editing techniques to minimise quality reduction during the digital manipulation process
 - . Preparation of digital imagery for various output modes, such as Web, screen-based presentation and print
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- . create and manipulate digital images;
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The subject will cover the following topics:

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 - . image composition and aesthetics;
 - . digital manipulation with appropriate software;
 - . image acquisition;
 - .  scanning images;
 - . introduction to the soft/hardware and the workings of the digital studio; •occupational health & safety issues.
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This subject provides students with the basic principles of black and white darkroom based photography, including camera technology, exposure and development and printing controls. Students are introduced to the fundamentals of critical analysis, including basic interpretation of meaning in photographic imagery, together with aspects of composition and lighting principles.

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Objectives - upon successful completion of this subject, students should:

- . be able to demonstrate the fundamentals of representation, aesthetics and meaning in photographic imagery
- . be able to contribute to critical discussions regarding both their own & peers' work
- . be able to proficiently prepare photographic work for presentation
- . be able to competently expose, process and print black & white photographic materials
- . be able to operate independently in the black & white darkroom
- . be able to demonstrate the principles and workings of the camera and its accessories
- . be able to demonstrate basic OH&S principles

Syllabus - the subject will cover the following topics:

- . Critical interpretation and analysis of photographs
 - . Composition and aesthetics
 - . The camera and its control
 - . Film exposure and development
 - . Printing techniques and controls
 - . Photo accessories
 - . Lighting principles
 - . Health hazards and photography
 - . Occupational Health and Safety issues
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PHT220 PHOTO IMAGING
Prerequisite: VPA104 and PHT115 or PHT221

This subject incorporates both analogue and digital photo-imaging technologies, towards the development of a complete and balanced photographic practice. It examines analogue and digital concepts and processes, including high-end camera formats, printing considerations, and lighting, as well as professional and industrial implications.

Objectives - upon successful completion of this subject, students should:

- . be able to demonstrate the intrinsic qualities and technical processes of the photo-image in both analogue and digital contexts
- . be able to creatively respond to visually orientated conceptual problems using appropriate photo-imaging concepts and techniques
- . have the ability to determine the most appropriate photo-imaging technologies for a broad range of professional photographic tasks
- . be able to competently operate both digital and analogue camera systems in a variety of formats
- . be able to demonstrate a broad competency with various existing and artificial lighting methodologies and concepts
- . be able to maintain and catalogue a personal digital image file system

Syllabus - the subject will cover the following topics:

- . high standard digital and analogue photo-image printing
 - . professional photographic considerations on the digital versus analogue debate, including cost, time, quality and aesthetics
 - . medium and large format photography and processes
 - . high-end digital camera techniques and processes
 - . lighting concepts and techniques for studio and location using on and off-camera flash, existing light, and artificial continuous light
 - . alternative photographic imaging techniques and concepts
 - . digital image file management
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This subject builds on skills attained in prerequisite subjects by encouraging students to explore a variety of digital solutions to more complex photographic problems. The creation and enhancement of digital images is expanded in greater depth to equip students with a sound foundation for producing more sophisticated photographic projects. This is supported by significant investigation into technical and theoretical issues in areas such as colour, digital camera files and formats, digital image processing and studio lighting.

Objectives

Upon successful completion of this subject, students should:

- . be able to articulate conceptual and practical synthesis between analogue and digital methods and techniques in photo-imaging
- . be able to understand more complex methodologies in creating and acquiring digital photographs for application in specific photographic related creative projects
- . be able to demonstrate the creative application of sophisticated digital imaging processing and enhancement skills
- . be able to manually operate a digital SLR camera system competently
- . be able to demonstrate their understanding the principles of artificial flashlighting and effectively apply these in and out of the studio in a creative context

Syllabus

The subject will cover the following topics:

- . Advanced digital acquisition/creation, enhancement and processing of photographs for output in a variety of photographic applications
- . Comparison of analogue and digital photo-imaging methods and techniques
- . The digital SLR camera and its controls
- . Artificial studio and location flash lighting coupled with associated exposure metering techniques and camera formats
- . Colour controls in the digital and analogue photo-imaging environments
- . Overview of photography related creative works directly relevant to set assignment tasks

This subject encourages students to move towards developing a personal idiom in photomedia. The focus is on concept development and the expression of ideas in an articulate and appropriate manner, resulting in student projects that are each cohesive and resolved. Issues relating to critical analysis, representation and meaning in photo-imagery continue to be explored correlative to student working methodologies.

Objectives

Upon successful completion of this subject, students should:

- . be able to demonstrate conceptual and technical skills in creative visual problem solving in a photomedia context
- . be able to demonstrate basic semiotics with craft by integrating critical theory with the creation and analysis of photographic imagery
- . be able to demonstrate, through the production of photographic imagery, a strong understanding of the concepts underpinning representation in photomedia
- . be able to demonstrate significant skill in the interpretation of meaning in photo-images
- . be able to demonstrate skills in creating a more complex and cohesive body of photo-imaging work underpinned by specific conceptual intentions

Syllabus

The subject will cover the following topics:

- . Visual problem solving in image design, construction and analysis using photomedia concepts, processes and methodologies
- . Critical theory relating to photomedia concepts through comparative analysis of photographic imagery
- . In depth investigation into the creation and interpretation of meaning and intent in photographic imagery
- . Historical and contemporary investigations into photographic representation in a variety of creative contexts
- . Overview of photomedia related creative works directly relevant to set assignment tasks
- . Theoretical and practical investigations into photomedia aesthetics with particular application to modern digital technologies