Equipment and Materials
2010
1 Camera: Digital SLR only

⇒ DSLR (Raw files compatible with Adobe Camera Raw – see Adobe website for supported camera models) and remote release. The camera must be an SLR from the Canon, Nikon, Sony, or Olympus range with a lens or lenses that cover the 16-80mm range for cameras with an APS-C type sensors or 24-120mm for camera that have a full-frame sensors.

Ideally we recommend a non-kit lens. It is highly recommended that students purchase the camera body separately, i.e. without the consumer quality kit lens.

If you are planning to buy a suitable DSLR we recommend the semi-pro range such as:

- APS-C sensor: Nikon D90 or D300, Canon 50 D or 70D.
- Full Frame sensor: Nikon D700, Canon 5D or 5D MKII or Sony Alpha A850/900.

A range of professional quality Carl Zeiss lenses are available for loan from the photography store to 2nd year students for studio use.

⇒ Shutter Release Cable - long (refer studio specifics).
⇒ Two 4-Gigabyte High Speed Flash Cards and Card Readers (Firewire or USB2).

(NOTE: students who choose a scientific major will also use a basic analogue SLR, so don’t throw away your old film SLR in that case!)

2 Lenses and Tripod

Lenses

⇒ A high quality medium range Zoom lens covering a range of approximately 16-80mm (APS-C) or 24-120mm (Full Frame). It is recommended that this item not be a kit lens. (ONLY generic camera brand lenses should be used. For example: Nikkor AF-S DX 16–85 VR, Canon EF-S 17–85 IS USM and Sony SAL 16–80 T* (for DSLRs cameras with an APS-C sensor).

Tripod

⇒ Good quality, solid, recommend portable Manfrotto, model 190 with 141 head & carry bag or strap approx. $255
⇒ Slik, master model approx. $250

3 Light Meter (handheld)

Note: The following listings for light meters will be subject to change in both choice and price prior to February 2010. Updates to this list will be made when known. Students should not purchase this item prior to Orientation week.

Sekonic L-358 to meter both ambient light and flash ($699 in 2010)

OR

Sekonic L-758 to meter both ambient light and flash with spot metering ($1,350 in 2010)
You must have both a 3D white hemisphere incident light metering attachment (usually supplied with the meter) AND a reflected light metering attachment (not generally supplied unless requested - check when ordering).

⇒ Instruction booklets for both camera and light meter are necessary, you will need to refer to these during your studies.

4 Filters

Standard
⇒ Polarising Filter
⇒ Neutral Density filter (3 stops ND 0.9)
⇒ Skylight 1A or Ultraviolet filter to fit each camera lens (critical)

5 Reflector (essential)

1 x 107 cm Twistfold reflector or equivalent - White & Silver, or White, silver & gold (approx $140)

6 Flash Unit
⇒ Portable (recommendations will be made in the first few weeks of classes).
⇒ A 2nd small (cheap) flash unit
⇒ 2nd tripod (cheap) to support 2nd flash unit
⇒ A slave unit (recommendations will be made in the first few weeks of classes. Cost $70.00 approx).
⇒ Units that provide flash power reduction control to approx 1/16th or 1/32nd power are an advantage; a manual mode (essential) & a range of auto settings or TTL mode
⇒ Long flash synchronisation cable (several meters long)

7 Studio Imaging Specifics (Essential – must be purchased by week two)

Option 1 – if available

Polaroid film back for 4"X5" camera Type 405. For this film back you need to purchase Polaroid Film Type 664, ISO 100 (2X10 sheets/box).

Option 2 (Preferred)

FujiFilm PA-45 Film Holder for 4"x5" Instant Peel-Apart Film. For this film back you need to purchase FujiFilm FP-100C45 Instant Colour Print Film (10 sheets/pack) ISO 100, 4X5" and a Colour Conversion Filter, Type Cokin Z-Pro Series 80C Blue, 100mmX100mm.

Studio KIT
⇒ 3 - 4 X 5 inch Film Holders (Double Dark slides). Each Film Holder holds 2 sheets of 4 X 5 film (Holders $89.95 each).
⇒ Padlock for locker
⇒ Grip kit (check locker size first) and various tools such as pliers, screw driver, tweezers
⇒ Stop Watch
⇒ 4 x 10 Amp Extension leads (each two meters minimum) Note, all electrical leads must be tested and tagged by a suitable electrical contractor. New leads do not require testing, they will only require a tag.
⇒ 1 x Magnifying Lupe (i.e. Waltex Model 7504, Nikon, OPSM)
⇒ 10 Gaffer clips, large bulldog clips, 6 large clamps
⇒ Stanley knife (retractable)
⇒ Tape (proper gaffer tape only) - adhesive tape is NOT permitted on Departmental Equipment
⇒ Blue Tac
⇒ 18% gray card with white card on reverse side
⇒ Scissors
⇒ 12” screw-in camera shutter cable release, (mechanical not electronic).
⇒ Lee Studio Pack coloured lighting gels. This is a specific range to technical filters for basic light source control. (Only professional gels to be used).
⇒ Heat Resistant gloves
⇒ Lens cleaning fluid
⇒ Lens cleaning tissue
⇒ Mini mag light (see Location)
⇒ One dark cloth (1m x 1m - black fabric, preferably velvet, lined and edges sewn)
⇒ Blower brush (see Location Imaging)
⇒ Basic calculator
⇒ Tape measure (small) to measure up to 500mm
⇒ Steel rule
⇒ Antistatic Cloth - additional to Location
⇒ White Chinagraph pencil

Lighting Materials
⇒ 4x White stiff card reflectors, 2x A3 size, 2x A2 size
⇒ 4x Black stiff card reflectors/cutters, 2x A3 size, 2x A2 size
⇒ 2 A1 sheets of white cardboard
⇒ 2 A1 sheets of black cardboard
⇒ Gold/silver card reflectors, 1 each A3 size
⇒ One roll tracing paper (architectural quality) – large size
⇒ Aluminium Foil
⇒ Glad wrap
⇒ Telescopic tube for safe storage and transport, A0 size (RMIT Bookshop approximately $22)
⇒ 2 Small mirrors (25cms x 25 cms)

8 Films Studio
⇒ E6 Film 4x5 large format - Kodak Ektachrome 64T 4"x5" (10 sheets/box), 10 sheets or Fuji T64 Tungsten

9 Location Imaging Specifics
⇒ Packet lens cleaning tissues (refer Studio)
⇒ Blower brush (large) and dust free container (refer Studio)
⇒ Anti static cloth (extra to studio)
⇒ 18% grey card with white card on reverse side (refer Studio)
⇒ Blower brush (large)
⇒ Pair white cotton gloves

10 Paper (compulsory) Location Imaging Practice 1

1st Semester
⇒ Ilford Galerie Inkjet Paper Smooth
2nd Semester
⇒ Pearl surface

11 Digital Imaging & IT Specifics

Compulsory resources:
Adobe Photoshop CS4 (current version) Academic Edition (Standard or Extended)
Adobe Photoshop Lightroom Academic Edition

A computer that has the following requirements:

Macintosh Laptop (the preferred platform)
Intel Core 2 Duo
Mac OS X v.10.5 or later
Minimum of 2 Gigabyte of RAM
Windows
Intel Core 2 Duo
Windows XP or Vista
Minimum of 4 Gigabyte of RAM

**Monitor**
20 or 23/24 inch LCD such as the Dell Ultrasharp, Apple Cinema Display or any monitor from Eizo.
**Note:** if you are currently using a PC it is strongly recommended that your NEXT computer be an Apple Macintosh.
**Note:** Please consult your lecturer before purchasing a flatbed or film scanner (not essential items).

### 12 Prescribed Texts (compulsory)

#### Location Imaging Practice 1


#### Studio Imaging Practice 1


#### Processes and Cultures of Photography 101/102

- Basic Photographic Materials and Processes by Stroebel, Compton, Currant & Zakia. Focal Press, 2004
- Photography: A Cultural History, Marien, Mary Warner, Laurence King, 2002

#### Digital Imaging 1


*All above items will be required in 1st Semester*

**Note:**

⇒ *Any prices quoted are approximate prices at the time of preparation and items required are subject to change.*

⇒ *Students should wait until they have been accepted into the program before purchasing any items on this list.*

⇒ *If in doubt, consult the Program Manager or First Year Co-Ordinator before purchasing any items on this list.*

⇒ *This equipment and materials list is essential for your personal, efficient and successful performance in the first and consequent years of your photographic studies in the School of Creative Media at RMIT. It has been prepared after much thought and consideration.*
⇒ It is strongly recommended that you put your name on everything in a permanent marker.

⇒ Free loading is discouraged, unprofessional and frowned upon.

⇒ Never, ever, ask a lecturer for any of the above items they may have personally.