Photography is a standard method of recording information and documenting projects in the studio courses. There is a wide range of body/lens options, brands and prices. You will require a digital camera that meets the minimum requirements below:

Digital Cameras:
- Digital SLR, 16 megapixels minimum. Please note: your camera must have a full manual override mode and must be an interchangeable lens camera. Other required features include: an IR remote or self-release timer, a tripod mount, an integrated flash or, better, a flash shoe.
- Please reference the attached sheet for recommended DSLR body and lens kits.

CADLab has cameras, lenses, and accessories that can be borrowed by students at no charge. Their inventory includes:

Cameras:
- Canon EOS 6D (x2)
- Canon Rebel T5i (x3)
- Sony A7S (x1)
- Nikon D90 (x2)
- Nikon D5100 (x6)

Lenses:
- Nikon Macro Lens AF 105mm F/2.8 EX DG (x2)
- Nikon Macro Lens AF 70mm F/2.8 EX DG (x2)
- Nikon Wide-Angle Lens AF 10-20mm F/4-5.6 EX (x4)
- Nikon Micro Lens AF-S Nikkor 60mm 1:2.8 G ED
- Canon Macro Lens EF 100mm F/2.8 USM (x2)
- Canon Macro Lens 105mm F/2.8 EX DG (x2)
- Canon Macro Lens 20/50mm Zeiss Planar T* 20/50mm (x1)
- Canon Macro Lens EF 50mm F/2.5 Compact (x1)
- Canon Wide-Angle Lens AF 10-20mm F/3.5 EX DC HSM (x2)
- Canon Wide-Angle Lens 10-20mm F4-5.6 EX DC (x2)
- Canon Wide-Angle Lens EF 14mm F/2.8L II USM Ultra Wide (x1)

Accessories:
- Nikon SB-600 Speedlight flash (x1)
- di-GPS Eco Prosumer M GPS Unit for Nikon D5100 (x2)
- Tripods (x5)

Photography Room
There is a photography room for student use inside the ED studio. This is a space allocated to student photography needs and is furnished with lights, light stands, a tripod, and backdrops.

If you have questions about the photo room, or it needs supplies, please e-mail arch.photostudio@umanitoba.ca

Cameras can be purchased new, used (in camera stores, newspaper classifieds or on Internet auction sites), rented from specialized stores, or borrowed from the CADLab. If you are uncertain about what to buy, or do not live in a competitive camera market, we suggest you purchase your camera in Winnipeg. If you need information about digital cameras features and specifications you can check the following web sites: www.imaging-resource.com, www.dpreview.com or contact one of the businesses below.

Photo Central
957 Portage Avenue
Telephone: 204.774.4343
Contact: Chris Insull or Andrew Toews
Chris or Andrew will advise individuals on a one to one basis or in small groups, concerning camera purchase to suit personal long-term needs. Call before you go and identify yourselves as Faculty of Architecture students.

Don’s Photo
1839 Main Street
Phone: 204.942.7887
410 Portage (Portage & Kennedy)
Phone: 204.942.3143

Stores such as London Drugs, Best Buy, and Costco also sell cameras but not necessarily by experienced staff. There are several camera shops in Winnipeg if you are purchasing new equipment. Most of them offer the standard brands - Canon, Nikon, Sony, and are competitive in price. We suggest that you do price comparisons and purchase from a dealer who seems knowledgeable about the product (operation, warranty, flexibility) and will provide good follow-up service.

NOTE: Panasonic and Olympus DSLR’s are not recommended because of their 4/3" sensor size. Pentax DSLR’s are not recommended because it appears they are going to drop out of the market soon. Fujifilm and Sony typically run at a higher price point than Canon and Nikon.
CAMERA & LENS
Pick the option that describes you best. All the packages meet the minimum requirements for the program. Models and prices can and will change. This list is meant as a guide only.

<table>
<thead>
<tr>
<th>Option A $500 - $700</th>
<th>Option B $900 - $1400</th>
<th>Option C $1300 - $1900</th>
</tr>
</thead>
<tbody>
<tr>
<td>I want to meet the minimum course requirements but I don’t have a personal interest in photography. More zoom is not important to me. More durable equipment is not important to me, I'll be careful! I won’t be buying anymore lenses.</td>
<td>I want to meet the minimum course requirements and I have a personal interest in photography. Sharper pictures and more zoom is important to me. More durable equipment is important to me, I want to use this gear a lot! I might buy more lenses.</td>
<td>I want to meet the minimum course requirements and I have a great interest in photography. Sharper pictures and more zoom is important to me. More durable equipment is important to me, I want to use this gear a lot! I plan to make photography a hobby and I will buy more lenses.</td>
</tr>
<tr>
<td>Nikon D3500 w/18-55 AF-P</td>
<td>Nikon D5600 w/18-140 AF-S</td>
<td>Nikon D7500 w/18-140 AF-S</td>
</tr>
<tr>
<td>Canon T7 w/18-55 IS II</td>
<td>Canon T7i w/18-135 STM</td>
<td>Canon 80D w/18-135 USM</td>
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</tbody>
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ACCESSORIES
Buy three or more and receive 15% off.

<table>
<thead>
<tr>
<th>Memory Card</th>
<th>Bag</th>
<th>UV Filter</th>
<th>Hood</th>
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<tbody>
<tr>
<td>SD Card 32GB or 64GB</td>
<td>Misc.</td>
<td>Protects your lens.</td>
<td>Improves image quality, contrast &amp; color.</td>
</tr>
<tr>
<td>$27.95</td>
<td>$39.95 - $99.95</td>
<td>$29.95 - $54.95</td>
<td>$19.95 - $29.95</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Spare Battery</th>
<th>Tripod Option 1</th>
<th>Tripod Option 2</th>
<th>Cable release</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avg battery life is 500+ shots. Video will drain batteries faster.</td>
<td>Benro TSL08AN00 Basic model. Ball head. Short.</td>
<td>Benro TMA28AHD2A Recommended model. Tall, sturdy, 3-way head for more precise control.</td>
<td>Should always accompany a tripod.</td>
</tr>
<tr>
<td>$79.95 - $119.95</td>
<td>$139.95</td>
<td>$299.95</td>
<td>$24.95 - $44.95</td>
</tr>
</tbody>
</table>

Photo Central Protection Plan
Full damage coverage for your camera and lens for 3 years. Cost based on purchase price of equipment. Starting at $99.95. 35% discount for students.

www.photocentral.ca 957 Portage Ave. Winnipeg, Manitoba R3G 0R2 info@photocentral.ca