Nossi Video & Film - Student Equipment

Semester 1:

1. Camera (Not required until Week 4. See suggested camera list below.
2. Tripod ≈ various prices
    a. Must be durable. Be careful with plastic
    b. Can the tripod head move left-to-right and up-and-down smoothly?
    3. Apple Pro Computer (See attached sheet)

Semester 5-6:

1. Audio Recorder (Zoom H4n) ≈ $150-$250
    2. Headphones (Audio Techniques Class and beyond) ≈ $100-$200
        a. Over-ear headphones (not ear buds)
        b. Do not get headphones that add bass, etc.
3. Bounce/reflection card ≈ various prices

Semester 7 and on (Optional): Various prices

1. Shoulder rig (can be self-built) or steadicam
2. Accessories, glidecam, glide tracks, external mic (on-board or not, shotgun)

Camera List:

1. Sony Alpha a6000 Mirrorless Camera with 16-50mm Retractable Lens **= $650**
    a**.** APS-C (1.5x Crop Factor)
    b. 6000 x 4000 Max Resolution
    c. Up to 60fps at Full HD (1920 x 1080)

2. Canon EOS Rebel T8i DSLR Camera with 18-55mm Lens **≈ $800**

    a. APS-C (1.6x Crop Factor)
    b. 6000 x 4000 Max Resolution
    c. Up to 60fps at Full HD (1920 x 1080) Resolution

3. Sony ZV-1 Digital Camera **≈ $800**
    a. CMOS Sensor
    b. 5472 x 3648 Max Resolution

c. Up to 120fps at Full HD (1920 x 1080)

4. Canon 70D with 18-55mm Lens **≈ $900**
    a. APS-C (1.6x Crop Factor)
    b. 6000 x 4000 Max Resolution
    c. 60fps at Full HD (1920 x 1080) Resolution
5. Canon EOS 80D DSLR Camera with 18-55mm Lens **≈ $900**
    a. APS-C (1.6x Crop Factor)
    b. 6000 x 4000 Max Resolution
    c. Up to 60fps at Full HD (1920 x 1080)

6. Sony Alpha a6400 Mirrorless Digital Camera with 16-50mm Lens **≈ $1,000** a. APS-C (1.5x Crop Factor)
    b. 6000 x 4000
    c. Up to 120fps at Full HD (1920 x 1080)

7. Canon EOS 90D DSLR Camera (Body Only) **≈ $1,200**
    a. APS-C Format (1.6x Crop Factor)
    b. 6960 x 4640 Max Resolution
    c. Up to 120fps at Full HD (1920 x 1080) Resolution

8. Canon EOS 6D Mark II DSLR Camera (Body Only) **≈ $1,400**
    a. Full-Frame Format (1x Crop Factor)
    b. 6240 x 4160 Max Resolution
    c. Up to 60fps at Full HD (1920 x 1080) Resolution

9. Panasonic Lumix DC-GH5 Mirrorless Four Thirds Camera (Body Only) **≈ $1,400** a. Micro Four Thirds (2x Crop Factor)
    b. 5184 x 3888 Max Resolution
    c. Up to 60fps at Full HD (1920 x 1080) Resolution

10. Canon EOS 5DS R DSLR Camera (Body Only) **≈ $1,500**
    a. Full-Frame (1x Crop Factor)
    b. 8688 x 5792 Max Resolution
    c. Up to 60fps at HD (1280 x 720) Resolution

11. Canon EOS 7D Mark II DSLR Camera w/ 18-135mm Lens & Wi-Fi Adapter **≈ $1,800** a. APS-C (1.6x Crop Factor)
    b. 5472 x 3648
    c. Up to 60fps at Full HD (1920 x 1080)

12. Sony Alpha a7 III Mirrorless Digital Camera Body with Accessory Kit **≈ $1,998**

a. Full-Frame (1x Crop Factor)
b. 6000 x 4000 Max Resolution
c. Up to 120 fps at Full HD (1920 x 1080) Resolution

13. Canon EOS 5D Mark IV DSLR Camera (Body Only) **≈ $2,500**

a. Full-Frame (1x Crop Factor)
b. 6720 x 4480 Max Resolution
c. Up to 60fps at Full HD (1920 x 1080)

14. Canon EOS C100 Mark II w/ Dual Pixel CMOS 24-105mm Lens Kit **≈ $3,400**

a. 24.6 x 13.8 mm (Super35) Sensor Size
b. 3840 x 2160 Max Effective Resolution
c. Shoots up to 60fps

15. Sony Alpha a7S III Mirrorless Digital Camera (Body Only) **≈ $3,500**

a. Full-Frame (1x Crop Factor)
b. 4240 x 2832 Max Resolution
c. Up to 120 fps at UHD 4k resolution

*******These are not all of the possible cameras. Research on your own (read online forums, read and watch reviews and video comparisons) and discuss any other ideas or options with instructors and fellow classmates**.** Ask older video majors what they have learned. Create a community around your equipment research.

***The 18-55 Canon lens is a cheap lens; students are encouraged to upgrade to the Canon Ef-S 18-135mm f 3.5-5.6 lens ≈ $400.

**Cameras such as the Canon 6D Mark II and 5D Mark IV are full frame cameras. The 18-55 and 18-135 lenses are not designed for that body and will not even go on the camera.

*Originally the Canon 6D version 1 had issues with oil spots on the sensor. This has most likely been fixed in the Mark II version, but potential buyers need to research this.