

MANDATORY

Equipment Checklist

Crime Scene Photography Basic – 0230 Instructions

The equipment list below is **MANDATORY** for every student in the class. Cameras and equipment cannot be shared between students everyone needs their own. You should not bring a camera and flash older than **3 to 4 years**.

Everything required for this class is the **minimum equipment needed to process a Crime Scene**. Please review the checklist below, **if you need to purchase equipment or need assistance with this list please contact instructor**. Send this checklist in with your application. All applications will be reviewed for equipment and to verify eligibility for class.

Many departments buy new equipment and mix and match old and new causing malfunctions and/or equipment not working properly so rule of thumb would be to have same make of camera, flash and off camera flash cord. If not, and decide say to order from google, you must research the compatibility/specifications for what you will be using it with to make sure it is indeed compatible.

One more thing on equipment, Flash tends to be the biggest issue with this class tends to be with the flash that the student comes to class with totally automatic and/or off brand or generic flash units with little or no settings that the students need to learn in this class. Students in the past have often been given a flash that has little control or not compatible with their camera. For this reason, the flash **MUST** be able to shoot in **TTL** mode or **ETTL** for Canon. It needs to be **dedicated** (communicates with the camera you have, make and model) and has **Manual** mode which has some type of distance scale in feet (make sure the flash distance is NOT in meters only).



DISTANCE SCALE IN FEET



NOT ACCEPTABLE

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This checklist **MUST** be received by the instructor **PRIOR** to the class. Email a copy of the checklist to the instructor for review at least **4 weeks** prior to class. If this checklist isn't received by the instructor for review you may not be allowed to attend the class. If you have any questions, please call the instructor.

Instructor Contact Information

Seattle FBI - Dan Read phone (206) 262-2010 email: dpread@fbi.gov

Checklist of MANDATORY Required Equipment

These items are the **REQUIRED** for the class. All of the items should be present and in good working order.

- DSLR Camera:** Make and Model of Camera that you will be using. List Camera below.

- General purpose lens:** Usually 18mm to 120 mm somewhere in that range.
List lens: _____
- Macro/Micro Lens:** Lens needs to be capable of shooting 1:1, (best choice) or 0.43x or 0.45x macro conversion lens. If purchasing the macro conversion lens, insure you order the right size for the diameter of the lens you will use this on. Look on the lens cap to see the diameter in mm. (58mm, 62mm, 72mm etc.) The price should be anywhere from \$25-\$75 depending on which one you buy.
List Lens: _____
- Dedicated Speedlight (Flash):** Flash must be capable of shooting in **TTL** and **Manual** mode. Manual mode **must have a distance scale listed in feet on the back of flash.**
List Flash: _____
- Lateral Tripod or Tripod with pistol grip head: (NO PLASTIC TRIPODS!!)** Tripod must be fully working and must be able to hold at least 8-10 lbs. and have the camera mount bracket with it.
- Remote shutter release:** Cord or Wireless remote (Must work with the camera you are using)
- TTL-Off camera flash cord:** Even if your flash is wireless, you must have a 6-foot cord. This should be a TTL flash cord that is compatible with the CAMERA and FLASH being used.
- 2 – Camera memory cards:** They should be at least 4 GB each.
- Camera Manual:** If you don't have the manual to the camera that you are using then you need to download or print one **PRIOR** to the class, you will need it.
- Laptop Computer and memory card reader for the camera card being used.**
- Large black golf umbrella**
- "L" shaped ABFO ruler and/or hinged L reference scale:** one side black or gray and the other side white.
- Small push button flashlight and large flashlight**
- Extra Flash Batteries**

* If you are **MISSING** required equipment OR it doesn't **FUNCTION** properly OR is **INCOMPATIBLE** with your other equipment, you may be asked to leave the class if you cannot obtain the proper equipment prior to when it will be used in class.

Student Name	Signature	Date Submitted to Instructor
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Disclaimer: this form is to be signed by the student and submitted by the student to instructor Dan Read at the contact information above.