

### General PPE Requirements for Labs

These are the general minimum requirements for PPE in labs. Specific tasks may require additional or specific PPE. Refer to the UCCS Task Specific PPE Requirements

- **Loose clothing:** No loose clothing may be worn in the labs - including ties, scarves and loose sleeves.
- **Jewelry:** Remove jewelry including rings, necklaces, bracelets and watches when using power equipment or chemicals. This prevents chemicals from collecting underneath, contacting electrical sources, catching on laboratory equipment, and/or damaging the jewelry itself. If jewelry must be worn (i.e. medical bracelets, etc.) then be sure they are covered in such a manner that they cannot get caught on equipment or damage PPE.
- **Contact Lenses:** Studies have shown that contact lenses are safe to wear in most hazardous environments. However, they do not offer any eye protection. If an exposure to a hazardous substance occurs while wearing contact lenses, remove the lens immediately while rinsing the eye(s). Contact lenses that have been contaminated with a chemical must be discarded.
- **Headphones:** shall not be worn in the labs since it prevents you from being able to hear alarms and/or limits your awareness of what is going on around you. Music from a central system can be played as long as it is maintained at a volume which allows for you to hear alarms.

### Minimum Requirements for TEACHING LABS

Teaching Labs	Closed toe shoes/heels (heel heights should not create a trip hazard)	Leg Covering (pants, long skirts, no exposed skin below the waist)	Confined Hair (including facial hair) <sup>3</sup>	Safety Eyewear – Face Protection	Gloves	Body Protection <sup>4</sup>
Chemistry	Required	Required	Required	Chemical Goggles	Nitrile <sup>2</sup>	Fully buttoned Lab Coat
Physical Chemistry	Required	Required	Required	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Fully buttoned Lab Coat
Biology	Required	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>
Biochemistry/ Microbiology	Required	Required	Required	Task specific <sup>1</sup>	Nitrile <sup>2</sup>	Fully buttoned Lab Coat
Anatomy & Physiology	Required	Required	Required	Task specific <sup>1</sup>	Nitrile <sup>2</sup>	Task specific <sup>1</sup>
MAE/Physics Shop	Required	Task specific <sup>1</sup>	Required	Impact Safety Glasses	Task specific <sup>1</sup>	Task specific <sup>1</sup>
Microelectronics Research Lab (MRL)	Required	Required	Required	Task specific <sup>1</sup>	Nitrile <sup>2</sup>	Cleanroom Suit

Photo Lab	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>
Art Studios	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>
Set Shops	Required	Task specific <sup>1</sup>	Required	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>
Engineering Labs (other than those listed above)	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>
Nursing/Clinical	Required	Task specific <sup>1</sup>	Required	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>

<sup>1</sup>Refer to the UCCS Task Specific PPE Requirements

<sup>2</sup>Generally for most material Nitrile provides sufficient protection; however, you should always verify this with regards to the specific hazardous materials you are handling.

<sup>3</sup>Confined hair means that it is secured in such a fashion (i.e. clips, bands, hair nets, etc.) that there is no way for hair to fall to front and get into materials or equipment. Tucking to shirts, lab coats, etc. is not considered “secured”.

<sup>4</sup>Lab coats must be fully buttoned and extend to at least the knees. Skin must be covered upto the neckline with either a shirt or a lab coat buttoned to the neck

#### **Minimum Requirements for RESEARCH LABS**

<b>Research Labs</b>	Closed toe shoes/heels (heel heights should not create a trip hazard)	Leg Covering (pants, long skirts, no exposed skin below the waist)	Confined Hair (including facial hair) <sup>3</sup>	Safety Eyewear – Face Protection	Gloves	Body Protection <sup>4</sup>
Wet Chemistry	Required	Required	Required	Task specific <sup>1</sup>	Nitrile <sup>2</sup>	Fully buttoned Lab Coat
Physical Chemistry	Required	Required	Required	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>
Biology	Required	Required	Required	Task specific <sup>1</sup>	Nitrile <sup>2</sup>	Task specific <sup>1</sup>
Biochemistry/ Microbiology	Required	Required	Required	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>
Human Exercise/ Physiology	Required	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>

MAE/Physics Labs	Required	Task specific <sup>1</sup>	Required	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>
Microelectronics Research Lab (MRL)	required	Required	Required	Task specific <sup>1</sup>	Nitrile <sup>2</sup>	Cleanroom Suit
Photo Lab	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>
Art Studios	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>
Set Shops	Required	Task specific <sup>1</sup>	Required	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>
Engineering Labs (other than those listed above)	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>
Nursing/Clinical	Required	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>	Task specific <sup>1</sup>

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<sup>3</sup>Confined hair means that it is secured in such a fashion (i.e. clips, bands, hair nets, etc.) that there is no way for hair to fall to front and get into materials or equipment. Tucking to shirts, lab coats, etc. is not considered “secured”.

<sup>4</sup>Lab coats must be fully buttoned and extend to at least the knees. Skin must be covered up to the neckline with either a shirt or a lab coat buttoned to the neck

### **Requirements for Students**

Course syllabi for academic courses that include laboratory, shop or field work should specify PPE requirements (including specifications of the type of PPE). Students enrolled in courses with PPE requirements may be responsible for purchasing all required PPE, with the exception of common communal PPE such as thermal protective equipment, welding aprons, face shields, etc., which will be provided by the sponsoring department. The instructor of record for a course, or his or her designee, is responsible for ensuring that students are familiar with and trained on the proper use of required PPE. A student not wearing PPE in a laboratory/technical area as required in their course syllabus may not participate in lab activities until such PPE is worn.

### **Exemptions**

All requests for exemptions from any requirement set forth in this PPE standard must be submitted in writing to the Campus Safety Management Team (SMT). The SMT is charged with review and approval of all such requests, and will consult as appropriate with other safety committees (e.g., Institutional Biosafety Committee, Radiation Safety Committee, etc.) as well as the applicable Dean and/or Department Chair to assist in making this determination.

### **Non-Compliance**

Failure or refusal to wear required PPE will prohibit individuals from entering or working in a facility containing hazardous materials and may result in corrective action in accordance with University policies and procedures.

### **Adjacent Areas**

In addition, workers in immediately adjacent areas who have the potential to be exposed to chemical splashes or other hazards, as determined by standard operating procedures and/or a hazard assessment, are required to don similar levels of PPE.