1. It is ok to work in the Machine Shop or Thunder Lab by yourself.
   A. True  B. False

2. The following footwear may be worn in the Machine Shop or Thunder Lab.
   A. Flip flops  B. Leather running shoes
   C. High heels  D. Bare feet
   E. CSA certified steel toed footwear

3. The following safety equipment must be worn at all times in the Machine Shop and Thunder Lab.
   A. Eye protection  B. Closed toed shoes
   C. Hard hat  D. Leather apron

4. It is necessary to wear ear protection when using the sand blaster in the Thunder Lab.
   A. True  B. False

5. When working in the Machine Shop or Thunder Lab, a person with long hair (greater than shoulder length) must
   A. Get a haircut  B. Tie their hair up or wear a hat that contains it
   C. Use one hand to hold their hair out of the way  D. Not use the sandblaster

6. When using the sandblaster, you must
   A. Wear hearing protection  B. Wear a hair net
   C. Wear eye protection  D. Wear closed toed shoes

7. You must clamp your part when you are using the ...
   A. Air buffer  B. Punch
   C. Brake  D. Drill press

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Safety Quiz: You must score 100% on this quiz and have a machinist certify that you have completed safety training to work in the machine shop or Thunder Lab.
8. When using the belt/disk sander ...
   A. It is acceptable to work alone
   B. You must hold the part on the downward stroke of the sanding disk
   C. You must hold the part against the fence
   D. It is acceptable to press hard to remove material very fast
   E. It is acceptable to hold a small workpiece with your hand very near the sanding disk
   F. The part may get hot and should be held with a pair of pliers or other holder

9. When working with the ribbon sander ...
   A. You must hold the workpiece against the fence
   B. You must wear eye protection
   C. You must wear closed toed shoes
   D. You must press the workpiece against the sanding ribbon gently

10. When using the drill press ...
    A. You must ask a technician to approve your setup before starting to drill
    B. You must have a helper hold the workpiece
    C. You must wear eye protection
    D. You must clamp your workpiece

11. When using the square or round punch ...
    A. It is acceptable to force the handle if it seems to jam
    B. It is necessary to make sure the top and bottom settings match
    C. It is not necessary to work with a buddy
    D. It is not necessary to wear eye protection
    E. It is not necessary to wear eye protection

12. In the machine shop and Thunder Lab ...
    A. If you are unsure of what you are doing you MUST ask a machinist
    B. You MUST ask before taking material from the material storage area
    C. You MUST return all unused fasteners to the correct bins
    D. You MUST clean up after yourself
    E. You MUST put all hand tools back after you are done
    F. You MUST never take any hand tools from the room

Safety Quiz: You must score 100% on this quiz and have a machinist certify that you have completed safety training to work in the machine shop or Thunder Lab
By signing, I acknowledge:

- That I am a student of The University Of British Columbia (UBC).
- That certain risks of injury and damage to my person and property are beyond the control of UBC.
- That it is my sole responsibility to maintain adequate personal insurance coverage, either through AMS/GSS Health Plan or another provider of my choice.
- That I am obliged to acquire and use appropriate safety equipment (e.g., safety glasses) as directed by my supervisor and/or department staff.
- That it is my sole responsibility to ensure that I am adequately trained to carry out tasks assigned to me by my supervisor.
- That I have read and understood the “Student Workshop Safety and Usage Manual” (Please see [http://workshop.ece.ubc.ca/](http://workshop.ece.ubc.ca/) to obtain a copy.)
- That my endeavours are governed by UBC policies and procedures. (Please see [http://www.universitycounsel.ubc.ca/policies](http://www.universitycounsel.ubc.ca/policies) for more information.)

In consideration of being permitted to make use of the Electrical and Computer Engineering Student Workshop, I hereby release UBC, its officers, agents, employees and students from any and all claims and causes of action arising from injury or damage to or loss of property except to the extent that such injury or damage is caused by the negligence of UBC or its employees. Additionally, I agree that failure on my part to maintain adequate personal insurance coverage shall impose no financial obligation on UBC.

Name: ____________________________

Postal Address: ________________________________

Email Address: ____________________________ Phone Number: ________________

Signature: ____________________________ Date: ________________

Department Authorization

Name: ____________________________

Signature: ____________________________ Date: ________________