

Name:

Major (course number(s)):

Year in school (circle): 1 2 3 4 5 6+

1. How did you hear about MASLab? Check all that apply:

_____ Ad in The Tech
_____ Posters
_____ Lobby 10 Demo
_____ LSC Slide
_____ MIT Cable

_____ Friends
_____ Email announcement
_____ Attended previous year's contest
_____ Residual buzz from last year
_____ Other: _____

2. Have you built a robot before? If it was for a contest, what contest? Describe:

3. Do you expect to be absent for any period of time during IAP (vacations, conferences, etc...) Please list the dates:

4. What programming language(s) do you know / prefer? For each language, put a check along each spectrum. There is space for a few write-ins.

	Knowledge <--guru--pro--novice--huh?-->	Preference <--love it--indifferent--hate it-->
Scheme		
C		
C++		
Java		

5. Which do you think would be best for programming your robot? Why?

over....

6. Primary operating system (and distribution, if you know it): _____

7. How comfortable are you with Linux and the Linux development environment?

Circle the commands that you know how to use.

Basics: mv ls rm chmod

Intermediate: diff make ant cvs rsync top ps

Advanced: "make oldconfig" sln apt-get sed "fs setacl ..."

8. What's the largest software project you have worked on? What tools did you use?

9. Circle the programming skill level that best describes you:

Newbie: I can't write code very well, and reading example code is difficult.

Beginner: I can read and understand sample code, but writing code is a slow process.

Novice: I can write simple things just fine, but bigger projects cause me grief.

Intermediate: I can code anything, but sometimes it's a bit ugly.

Advanced: I can code anything, and it'll be well structured and elegant.

Guru: Hi, my name is Bill Joy and I'll be taking MASLab this IAP.

10. How mechanically inclined are you? Check the closest description.

- ☐ allergic to sawdust / afraid of powertools
- ☐ helped my dad/mom/grandparent fix something once
- ☐ took shop in middle school
- ☐ own a toolbox
- ☐ regularly repair things around the house
- ☐ regularly build items in -- or additions to -- my house
- ☐ if I'm missing a part, I just machine it
- ☐ I'm in a construction union

11. Do you have access to (and permission/training to use) any of the following machine shops. Circle all that apply.

Pappalardo
Edgerton
CSAIL

Hobby Shop
Media Lab
Other: _____

12. Do you know what a torque wrench is? Yes / No

13. Do you know how to solder? Yes / No