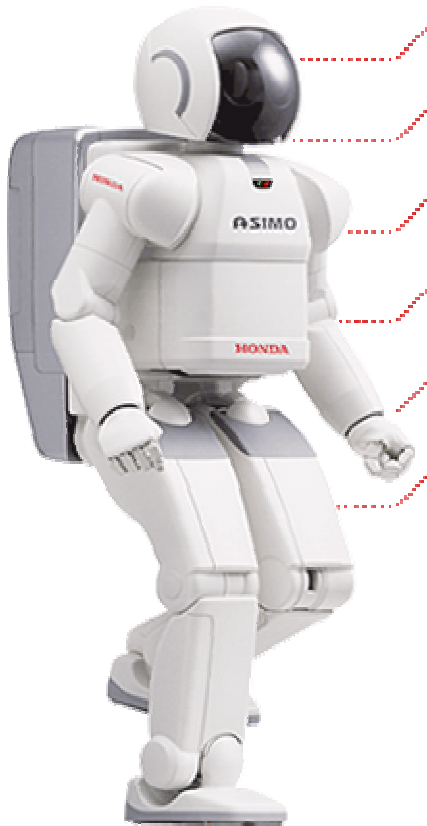


Dream-Up-A-Robot Competition

In this course, you will learn about robots, their components and their applications. Before we go into the technical details, I want you to put your creativity to work. Your task, as a group, will be to dream up a robot with the following requirements:

- Describe the robot's **locomotion strategy** (how it moves);
- Describe the robot's **sensing suite** (how it senses its environment);
- Describe the robot's **actuating suite** (how it affects its environment);
- Discuss the robot's **application area** (what it does);
- Include an **electronic drawing** of your dream robot (what it looks like);
- Save all the information (including the drawing) on one account.



Try to think of real-world applications that could help our society, and help humankind. Otherwise, your robot can do anything from play soccer, to help around the house, to even clean the environment!

The group with the best idea will have their robot published on our web site for all to see, so have fun while dreaming up your perfect robot!