

CORC 3303 - Exploring Robotics
(Meyer)

Unit A, Assessment Assignment #2

Name: _____

1. Read the following materials in your coursepack or on the [CORC 3303 course site](#):

Case Study: BigDog

- [Robotic 'pack mule' displays stunning reflexes](#), by David Hambling. NewScientist.com news service, Mar 3, 2006.
- [BigDog, the Rough-Terrain Quadruped Robot](#), by Marc Raibert, Kevin Blankespoor, Gabriel Nelson, Rob Playter and the BigDog Team. in the Proceedings of the 17th World Congress The International Federation of Automatic Control, Seoul, Korea, July 2008.

2. Then, answer the following questions in clear, comprehensive sentences.

1. (.5 point) What is Big Dog and who is the sponsor of the Big Dog project?
2. (.5 point) What is the ultimate goal of this project?
3. (.5 point) Describe the main components of Big Dog.
4. (.5 point) What is Big Dog currently capable of?
5. (.5 point) What is a major limitation of Big Dog?