

## ECGR 5101 Project – Fall 2008

### ECGR 5101 Project – For those taking ECGR 6185/8185:

Form a four-person team and create a device and rules for a hardware contest for SoutheastCon 2010. The winning team will earn 100% marks for the project for ECGR 6185/8185. See [www.southeastcon.org](http://www.southeastcon.org) for examples of rules for past years.

You should use the following concepts for your contest:

- Automobile-looking
- Solar-power needed for energy usage
- No batteries to drive the motors (small batteries can be used for a microprocessor)

Your proposal due on 10/15/08 should:

- identify the team members (no more than four),
- include general concepts (i.e. will the vehicle race on a round track, race on a straight track, pick up stuff)
- Identify how energy will be collected and stored
- include a description of what you intend to do, and
- include the approximate timetable of the effort.

### ECGR 5101 Project – For those not taking ECGR 6185/8185:

Read the rules for the SoutheastCon 2009 hardware competition and identify a technology you can examine that could help the team working on the design.

Your proposal due on 10/15/08 should:

- identify the team members (no more than two),
- identify the technology to pursue,
- include a description of what you intend to do, and
- include the approximate timetable of the effort.