

**EE/CpE 423-424  
WEEKLY STATUS REPORT**

<b>Group #</b>	<b>8</b>	<b>Week ending: (Saturday)</b>	<b>09/24/05</b>	<b>Report #</b>	<b>02</b>
<b>Project Title:</b>	<b>Autonomous Exploratory Robot System</b>				
<b>Group Leader:</b>	<b>Edward Schneider</b>	<b>Advisor:</b>	<b>Bruce McNair</b>		
<b>Sponsor/Client:</b>	<b>N/A</b>				
<b>Total number of person-hours spent on project by group during past week:</b>				<b>18</b>	
<b>Is project on schedule?</b>		<b>Yes</b>	<b>[ X ]</b>	<b>No</b>	<b>[ ]</b>

<b>Weekly status:</b>
<p>Include discussion of what you accomplished this week, who you contacted, what decisions were made, what obstacles were identified, how they are being addressed.</p> <p>This week the group met once with our advisor, Prof. McNair, on Thursday (now a regularly scheduled meeting time). We also met on Friday afternoon. In the advisor meeting, we decided that it was high time that we get a solid design definition for our little robot. Also, we discussed funding (including a possible revival/mutation of the Radio Controlled Flight Club), website design, and group communication.</p> <p>In our group meeting on Friday, the group nailed down a few things. First, we decided on how we want the robot to function. We decided to use a modified form of the pathing software that we are trying to get our hands on, but with a similar processor (BrainStem system). We've developed a preferred sensor suite (IR first choice, then laser and sonar), and, with any luck, may have a chassis ready for consideration by Monday. We have decided, at least at first, to try using a chassis from a RC car, and as it turns out, Richard has one of those at home (which he will be retrieving over the weekend, hopefully). The RC car is actually non-functional because the controller is lost and the circuitry was destroyed by water damage. Fortunately, we only need the frame, wheels, gears, and motors, which should be in good shape.</p> <p>In addition, the lab assignment from E421 had us making up a rudimentary Gantt chart, which I (Ted) am in the process of refining into a functional project plan. Zach is still trying to get software, and Richard will be putting the website up soon. Therefore I conclude that we are in good shape from all standpoints: hardware, software, website, and managerial.</p>

**Weekly report is due to Senior Design Coordinator and TA by Noon Monday. Email submission is greatly preferred - submit using WebCT, email to sd@koala.ece.stevens-tech.edu or individual emails. Copy should be sent to advisor**

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