Welcome to 20.020

20.902/20.947

February 5th, 2008
http://openwetware.org/wiki/20.20

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20.902/20.947 | Student Resources | Teacher Resources
Tuesdays/Thursdays

11:30-1

Start with challenge/puzzle/activity

Follow-up with group discussion

End with response log
How can biology be made easier to engineer?

What are the consequences of success?

How has nature solved physical challenges?

In what ways does nature innovate?
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<td>What is the challenge to address?</td>
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<td>Device-level diagram</td>
<td>Your design here</td>
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<td>Model for system operation?</td>
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<td>Plan for validation and debugging?</td>
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<td>Parts-level diagram</td>
<td>Parts list here</td>
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<td>Buildable?</td>
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<td>Cost?</td>
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<td>Description and annotation of function?</td>
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Wednesdays

2-5

3 ideas presentation

Challenge

What is the challenge to address?

Project name

Your title here

Device-level diagram

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Parts-level diagram

Parts list here

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Wednesdays

2-5

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Tech spec review
Wednesdays

2-5

Challenge

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Project

- 3 ideas presentation
- Tech spec review
- Final presentation

60%, team grades
Project
• 3 ideas presentation
• Tech spec review
• Final presentation

25%, individual grades

Lecture Response Log
10%, individual grades

Instructor Leverage
5%, individual grades

Personal Design Portfolio
60%, team grades
Advanced Reading 50%
- Present with a partner
- Present solo
- Respond to other presentations

20.020 Leadership 50%
- 2 progress reports
- 2 mentoring journal logs
- Team average
- Instructor leverage

For tomorrow: read paper + email
top 5 choices for presenting
Last thing: be great!