

**1/3/2006**

<b>FABE 325</b>	<b>Instructor:Dr. Kaletunç</b> <b>TA : Boon Lee Tee</b>
<b><u>Homework #1</u></b>	<b>Winter 2006</b>

**Homework Due 1/10/2006**

1. Prepare a flow chart of the “Living Machine” set-up in the FABE building. In your flow chart label all of individual units and the streams between the various units.

Also, state the purpose of “Living Machine”

Reference:: <http://www.dharmalivingsystems.com/>

<http://www.dharmalivingsystems.com/documents/EPA.PDF>

2. Prepare flow charts including all the steps in the production of concentrated frozen orange juice and refrigerated, not concentrated orange juice.

Reference: [http://members.aol.com/citrusweb/oj\\_story.html](http://members.aol.com/citrusweb/oj_story.html)

3. Prepare flow charts of a fuel line in a car including steps starting from fuel tank all the way to the exhaust pipe and water circulation line.