

MIT OpenCourseWare  
<http://ocw.mit.edu>

2.626 Fundamentals of Photovoltaics  
Fall 2008

For information about citing these materials or our Terms of Use, visit: <http://ocw.mit.edu/terms>.

## 2.626 - Background Assessment Quiz

September 9, 2008

**1. My background in solar energy (research, industry, business, hobbies) can be summarized as follows:**

**2. Quick background assessment:**

- a. I can basically describe how a solar cell operates: T / F
- b. I can explain what a semiconductor bandgap is to a layperson: T / F
- c. I can sketch out a pn-junction on a band diagram: T / F
- d. I can explain the difference between a nanostructured PV device, an thin film PV device, and a crystalline silicon wafer-based PV device: T / F
- e. My home department is:
- f. Degree Program / Number of years in program:
- g. I describe my core skill set to others as: physicist / chemist /  
materials scientist / mechanical engineer / civil engineer / political scientist  
/ business person / other...

**3. Aside from lecture, I am also interested in (check all that apply):**

- a. Hands-on lab-based solar cell projects.
- b. Field trips to solar installations, companies.
- c. Guest lectures from PV experts in industry and academia.
- d. Other (pls elaborate)...

**4. For a class project, I am most excited about (check all that apply):**

- a. Working closely with a PV company, to help address a problem or identify an opportunity.
- b. Preparing a technology prospectus on an emerging PV technology.
- c. A self-designed project (pls elaborate):
- d. Other (pls elaborate)...

**5. List (up to) three of your desired learning objectives for this course.**

- a.
- b.
- c.

**6. Anything else we should know?**