

The University of Georgia  
College of Family & Consumer Sciences  
Department of Housing & Consumer Economics  
**HACE 4350/6350**  
**Household Technology and Systems**  
Spring 2003  
11:15-12:05 MWF Room 116 Dawson Hall

**Professor:**

**Anne L. Sweaney, Ph.D.**

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212A Dawson Hall

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**Beth Rivenbark** is a Masters student in the Housing and Consumer Economics Department and will be serving as a Graduate Teaching Assistant in this class and will be available to assist with the projects. Ms. Rivenbark can be found in the Consumer Research Center (House C) in Room 105 and her e-mail is bethrivenbark@hotmail.com.

**Course Description:**

This course examines the role that household technology plays in family interactions and household production and consumption. This is a study of technological devices and their use within the household, including mechanical and electrical systems, home automation, universal design, regulation, and national appliance standards. **This course can be used as an elective for the New Media Institute Certificate.**

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| <p><i>Required Textbooks</i></p> |
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Dertouzos, Michael. (1998). What will be: How the new world of information will change our lives. New York: Harper Collins Publishers.

Rasdall, Joyce O., & Smith, George W., Jr. (1998). Understanding electricity. Winterville, GA: American Association for Vocational Instructional Materials.

**Course Policies:**

**HCE Attendance Policy** - Each student will be **expected** to attend class. Because much of the learning will take place in class so you will be at a disadvantage if you are not present.

**In other words--You need to show up to win!**

**Academic Honesty** - Please refer to the policies and procedures on academic honesty published in A Culture of Honesty, The University of Georgia.

## **Tentative Schedule of Topics**

Friday, January 9 Introduction of the Course and Where to Go for Information  
Monday, January 13, What Will Be Book, Group Assignments for presentations  
Wednesday, January 15, Group Presentations Chapters 1-4  
Friday, January 17, Group Presentations Chapters 5-8  
Monday, January 20 **No Class MLK Holiday**  
Wednesday, January 22, Gas Deregulation presentation Mr. Danny Price.  
Friday, January 24, **Technology Abstract Due**  
Monday, January 27, Group Presentations Chapters 9-12  
Wednesday, January 29, Group Presentations Chapters 13-14, Afterword and Appendix  
Friday, January 31, Electricity \*Read the Book\*  
Monday, February 3, Electricity  
Wednesday, February 5, Electricity  
Friday, February 7, Gas  
Monday, February 10, Water  
Wednesday, February 12, **WWW Project Due**, Clean-up Appliances  
Friday, February 14, Clean-up Appliances  
Monday, February 17, Refrigeration Appliances  
Wednesday, February 19, Refrigeration Appliances  
Friday, February 21, Cooking Appliances  
Monday, February 24, Cooking Appliances  
Wednesday, February 26, Review  
Friday, February 28, **Exam 1**  
Monday, March 3, Materials and Finishes  
**Tuesday, March 4, Midpoint**  
Wednesday, March 5, Materials and Finishes  
Friday, March 7, **Withdrawal Deadline**, Warranties  
Monday, March 10, Building Systems  
Wednesday, March 12, Building Systems  
Friday, March 14, Market Trends, Saturation  
March 17-March 21, **Spring Break**  
Monday, March 24, Home Automation  
Wednesday, March 26, Home Automation  
Friday, March 28, New Technologies  
Monday, March 31, Energy Star  
Wednesday, April 2, Universal Design  
Friday, April 4, **TIVO Project Due**  
Monday, April 7, Review  
Wednesday, April 9, **Exam 2**  
Friday, April 11, Space Planning, Kitchens  
Monday, April 14, Wireless Technology  
Wednesday, April 16, **Universal Design Project Due**, U.D. Presentations  
Friday, April 18, U. D. Presentations  
Monday, April 21, U.D. Presentations

Wednesday, April 23, U. D. Presentations  
 Friday, April 25, U.D. Presentations  
 Monday, April 28, What is the Future  
 Wednesday, April 30, Legislation  
**Thursday, May 1, Monday Schedule, Last Day of Class, Review**  
 Friday, May 2, Reading Day, No Class  
**Wednesday, May 7, Final Exam, 7:00-10:00p.m.**

**Course Requirements:**

|                                |                           | <b>Possible Points</b> |
|--------------------------------|---------------------------|------------------------|
| Abstract of Technology Article | January 24                | 75                     |
| WWW Project                    | February 12               | 75                     |
| Exam 1                         | February 28               | 100                    |
| TIVO Research Project          | April 4                   | 75                     |
| Exam 2                         | April 9                   | 100                    |
| Universal Design Project       | April 16                  | 75                     |
| Quizzes                        | TBA                       | 50                     |
| Final Comprehensive Exam       | May 7<br>(7:00-10:00p.m.) | 100                    |
| <b>Total</b>                   |                           | <b>650</b>             |

**Grading:**

Grades will be based on the percentage of total points accumulated as follows:

- 90 - 100% = A
- 80 - 89% = B
- 70 - 79% = C
- 60 - 69% = D
- 0 - 59% = F

All assignments are due by class time of due date. **Assignments turned in after class will not be accepted.** Exceptions will be granted only in documented cases of family crisis or medical emergency, and every effort should be made to let the me know immediately.

**Technology Article Assignment**

Each student will select a newspaper article, magazine article or journal article that deals with a current topic in household technology. The article must be dated after January 1, 2002. Read the article and submit a one page typed abstract, double spaced in length with 1" margins all around. Please turn in a copy of the article along with the abstract. This assignment is due Friday, January 24, 2001. You may turn it in early. This assignment is worth 25 points.