SYLLABUS
FS 540/F&N 540 FOOD REGULATIONS
SPRING 2003
Tues/Thurs, 7:30-8:45, Food Science Building 1215, January 14 - March 27

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Office hours for both instructors:  arranged or immediately after class

Course Objectives: To gain a basic knowledge and familiarity of the principal laws and
regulations governing raw and processed foods; to develop a depth of understanding of the
law’s core – adulteration and misbranding; to be exposed to the important current issues in the
food regulatory field.

Optional text (on reserve in Lilly and Stone Libraries):  Food Laws and Regulations;
James L. Vetter; American Institute of Baking, Manhattan, Kansas 66502-4576, 1996,
ISBN 1-880877-68-6

Website: http://fn.cfs.purdue.edu/fn540 (contains old exams, debate topics, exam study
guide, slides). This is a password protected site. Username = ‘fn540’ and Password =
’045nf’ Please note: The presentations may be updated and posted to this website just
prior to class. Please look at the date that each file was created to ensure that you
download the most current version.

Grade Distribution: Spring 2002 (13 students incl. 10 undergraduate and 3 graduate students)

A - 5
B - 4
C - 2
D - 2

Grading

2 Assignments or Pop Quizzes (2.5% each) 5%
Participation and summaries (lectures following Exam 1 only) 15%
2 Debate Exercises (5% each) 10%
Exam 1 40%
Exam 2 30%

Debates

Students will be assigned to a debate team and given a debate topic. Depending on class size,
there will be 2 debate topics and 4 teams. The format for the debate is as follows: teams will be
given 10 minutes to confer; the debate topics will be read aloud; each team will be given 5
minutes for opening arguments (pro team goes first); each team will be allowed to confer for 5
minutes to formulate a rebuttal (pro team goes first); each team will deliver a 5 minute rebuttal;
and then there will be an open discussion for 5 minutes (open to audience). Each time allotment
will be strictly enforced by the moderator. Each team member must contribute to the preparation and delivery of the debate presentations.

For each debate, you will be required to submit at least 3/4 page typed (12 point font), single spaced (1 inch margins) of information that you developed for the debate. To this sheet, attach the background documents that you used for the debate. This portion of the assignment must be completed by each student to receive credit for the debate assignment and is due at the time of the debate.

<table>
<thead>
<tr>
<th>Day/Date</th>
<th>Lecture Topic/Assignment</th>
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| T-1/14   | Course Overview and Using the WWW as a resource – BH  
          | History of Food Laws  
          | Optional Text Reading: Chapter 1  
          | http://www.fda.gov  
          | http://www.fda.gov/opacom/backgrounders/miles.html |
| Th-1/16  | Organization of Federal Regulatory Agencies – BH  
          | How Laws and Regulations are Made  
          | Overview of Food Laws and Regulations  
          | Optional Text Reading: Chapter 2  
          | http://www.fda.gov/opacom/laws/lawtoc.html |
| T-1/21   | Adulteration and Misbranding – BH  
          | Optional Text Reading: Chapter 3  
          | The FD&C Act can be found at www.fda.gov |
| Th-1/23  | Adulteration and Misbranding (cont.) – BH |
| T-1/28   | Food and Color Additives, Prior Sanction, GRAS, Standardized Foods – BH  
          | Optional Text Reading: pp. 52, 115-147 |
| Th-1/30  | FDA Enforcement of the FD&C Act, Criminal Prosecution, Civil Penalties – BH  
          | Optional Text Reading: Chapter 9  
          | Optional Reading:  
          | FDA recall policies – http://vm.cfsan.fda.gov/~lrd/recall2.txt  
| Th-2/6   | Debate and Review |


T-2/4 Factory Inspections and Discussion – BH  
Optional Text Reading: 161-171, Chapter 10, p. 55  
Optional Reading: Current GMPs – http://vm.cfsan.fda.gov/~lrd/part110t.txt

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<th>Date</th>
<th>Topic</th>
<th>Text Reading</th>
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<td>T-2/11</td>
<td>Exam 1</td>
<td></td>
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<tr>
<td>Th-2/13</td>
<td>Nutrition Labeling and Education Act – CS</td>
<td>Optional Text Reading: Chapter 4</td>
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<td>T-2/18</td>
<td>Labeling (Continued) - CS</td>
<td>Health Claims</td>
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|           |                                                                      | Optional Reading: FDA Backgrounder-HACCP  
| T-2/25    | Dietary Supplement Health and Education Act – CS                      | Optional Text Reading: Chapter 7 |
| Th-2/27   | Meat Inspection – Dr. Forrest                                        | Optional Text Reading: pp. 216-219  
|           |                                                                      | Egg and Poultry Products Inspection – Dr. Stadleman  
|           |                                                                      | Optional Text Reading: pp. 62-63, 217-218 |
| T-3/4     | Federal Insecticide, Fungicide, and Rodenticide Act – CS              | Food Quality Protection Act  
|           |                                                                      | Text Reading: Chapter 5 |
| Th–3/6    | Regulation of Food Biotechnology – CS                                 |                       |
| T-3/11    | Food Biotechnology (Continued) – CS                                   | Organic Food Standard  
|           |                                                                      | Food Irradiation  
|           |                                                                      | Optional Text Reading: Chapter 10 & 11 |
| Th-3/13   | International Regulations and Import/Export - CS                      | Other Acts and Agencies that Govern the Food Supply, State Regulations  
|           |                                                                      | Optional Text Reading: Chapter 2 |
| T-3/25    | Debate and Review for Exam 2                                          |                       |
| Th-3/27   | Exam 2                                                                |                       |