Reading list: No textbooks. However the following are suggested books.


Additional articles from journals and reports from international organizations will be given.

The course covers concepts, methods and analysis of rural water utilization and related problems and challenges in developing countries. It will also discuss water management and quality and their relationship with sanitation and hygiene education. The course will also discuss methods of providing drinking water in a sustainable manner.

Course Outline:

1. Introduction: Rural Water Supply, Sanitation, and Hygiene Education
2. Present situation of water supply and sanitation in developing countries
3. Social approaches to water supply
   - History of water supply: public and private ownership
   - Community participation (bottom-up approach)
4. Sources of drinking water
   - Surface water
   - Ground water

5. Drawing, carrying, usage and storage of village water supply
   - Methods of drawing rural water supply.
   - Different means of carrying water.
   - Usage and storage of rural water supply
   - Problems of drawing and handling of rural water supply

6. The quality of rural water supply
   - Perception of color, odor and taste of surface water
   - Perception of color, odor and taste of ground water

7. Water policy, planning and management
   - Problems of government management
   - Integrated rural development plan
   - Participatory approach: management training, operation and maintenance

8. Sanitation
   - Importance of sanitary facilities
   - Factors affecting sanitary facilities

9. Sanitation problems

10. Hygiene education, Sanitation, and water supply
    - Children education
    - Public Education

11. Conclusion

Grading System:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class participation</td>
<td>20%</td>
</tr>
<tr>
<td>Presentation of a seminar</td>
<td>10%</td>
</tr>
<tr>
<td>Paper on the seminar topic</td>
<td>20%</td>
</tr>
<tr>
<td>Research paper</td>
<td>50%</td>
</tr>
</tbody>
</table>

Papers:

Choose any two of the above listed lecture topics.

1. Present the first topic as a seminar to the class and write a short paper about it.
   The seminar should take between 15 to 30 minutes. The paper should be at least 15 pages long (double spaced) with a minimum of 15 cited references from books and articles.

2. Write a research paper about the second topic which must be between 22 to 25 pages long with a minimum of 15 cited references from books and peer reviewed journals.

   A. The topics must be approved by the instructor
   B. The paper should include tables, maps or graphs (Notate the sources).
C. Use parentheses format (not MLA format) to write the paper.
D. A cover page showing the title, your name course number, instructor’s name and semester should be included.
E. No web citations are will be accepted except for maps, graphs, tables or diagrams.
F. Your papers should be written using subheadings including introduction and conclusion.
G. There should be a properly written bibliography at the end of the paper.
H. The deadline for submission of the first paper is June 21, 2010.
I. If you have any questions, don’t hesitate to come and see.

HUNTER COLLEGE’S STATEMENT ON ACADEMIC HONESTY:
Hunter College regards acts of academic dishonesty (e.g., plagiarism, cheating on examinations, obtaining unfair advantage, and falsification of records and official documents) as serious offenses against the values of intellectual honesty. The College is committed to enforcing the CUNY Policy on Academic Integrity and will pursue cases of academic dishonesty according to the Hunter College Academic Integrity Procedures. And I might add that creative originality and integrity are essential if you want to develop the kind of knowledge that is going to do you any good in life. When you cheat at school, the one you are really cheating is ultimately your future self.