Science, Technology, and Society  
Educ 4234  
Summer 2012

<table>
<thead>
<tr>
<th>Instructor:</th>
<th>Dr. Joan Kwako</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office:</td>
<td>Suite 110, 116 EduE</td>
</tr>
<tr>
<td>Phone:</td>
<td>(o) 726-6899</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:jkwako@d.umn.edu">jkwako@d.umn.edu</a></td>
</tr>
<tr>
<td>Office hours:</td>
<td>By appointment</td>
</tr>
<tr>
<td>Class time:</td>
<td>M-F 9:00-3:30</td>
</tr>
<tr>
<td>Location:</td>
<td>Bohannon 343</td>
</tr>
<tr>
<td>Website:</td>
<td><a href="http://moodle.umn.edu">http://moodle.umn.edu</a></td>
</tr>
</tbody>
</table>

**Course Goals**
In this course we will explore the interactions among science, technology, and society (STS) through an issues and debate approach. We will investigate the history, nature, and future of STS topics by applying seemingly diverse and controversial disciplines from science, technology, and society. The course will provide models for teaching STS with field trips, periodic lectures, discussions, guest speakers, documentaries, and presentations. The ultimate goal is that we increase our knowledge base and teaching skills in science, technology, and society. I argue that if we can address STS in effective ways as teachers, our students will become reflective, empowered participants who can collaborate to guide society through future STS concerns.

**Special Needs**
I wish to fully include persons with any special circumstances or disabilities in this course. If you have any circumstances that you believe may affect your performance in this class, please meet with me to make necessary accommodations that will enable you to fully participate. I will maintain complete confidentiality of any information you share with me.

**Required Course Materials**
Creativity and an open mind; periodically a computer will be needed.

**Prerequisites:** Student has to have taken a minimum of 30 credits

**Attendance**
Attendance is crucial. Please be punctual and prepared. We only have ten days together—missing a class is equivalent to missing an entire week—so no missing class. No late assignments will be accepted.
Course Requirements
Listed below are the course assignments you are required to complete. This course has five major requirements:

- Discussion questions/comments on readings 20%
- Issue evaluations 20%
- Individual inquiries (10% each) 20%
- Debate team debate/paper (10% each) 20%
- Final oral exam 20%

You will not receive maximum credit on any assignment that contains grammatical errors. I do this very purposefully: at all times, regardless of what you are teaching, you will be modeling correct grammar, writing, and speech and at no point should you be modeling anything but what is correct. Your students will do (and learn) what you do, not necessarily what you teach. A simple way to make sure you have no grammatical errors is to simply read what you wrote all the way through after printing it. Often it is easy to see errors on paper that are easy miss on the screen. Another way to make sure you have no errors is to have someone proofread your document.

Accessing the Class Website
To get to the class website (Moodle site) simply go to http://moodle.umn.edu. You will need to click on “login” located at the top left of the site. Enter your normal UMD username and password.

Evaluation
On each assignment you will receive a 1-7 score. Grades will be weighted according to the percentages listed above. I remind you that you will not receive a maximum score on any assignment that contains grammatical errors.
Professional Dispositions
A professional teacher:
1. Is punctual and is prepared.
2. Works in a productive, constructive, and collaborative manner with students, peers, UMD faculty, practicum educators, and others.
3. Understands and demonstrates interaction formats that are ethical and respectful of diversity and are productive.
4. Listens and communicates effectively, clearly, and appropriately with students, teachers and staff, parents and others, verbally, in writing, and by demeanor.
5. Is able to acknowledge, accept, and implement constructive suggestions and criticism.

Final examination date and time
Thursday, May 25th, in class

Make-up and incomplete policies
No late assignments will be accepted; Incompletes are awarded only when extenuating circumstances exist.

Student Academic Integrity Policy
Academic dishonesty tarnishes UMD's reputation and discredits the accomplishments of students. UMD is committed to providing students every possible opportunity to grow in mind and spirit. This pledge can only be redeemed in an environment of trust, honesty, and fairness. As a result, academic dishonesty is regarded as a serious offense by all members of the academic community. In keeping with this ideal, this course will adhere to UMD's Student Academic Integrity Policy, which can be found at www.d.umn.edu/assl/conduct/integrity. This policy sanctions students engaging in academic dishonesty with penalties up to and including expulsion from the university for repeat offenders.

University's Student Conduct Code
(http://www.d.umn.edu/assl/conduct/code). Appropriate classroom conduct promotes an environment of academic achievement and integrity. Disruptive classroom behavior that substantially or repeatedly interrupts either the instructor's ability to teach, or student learning, is prohibited. Disruptive behavior includes inappropriate use of technology in the classroom. Examples include ringing cell phones, text-messaging, watching videos, playing computer games, doing email, or surfing the Internet on your computer instead of note-taking or other instructor-sanctioned activities.