

**BTECH3000 COURSE**  
**Ethics and Communication in Biotechnology**

Course Instructors

Dr. Dick Hudson [dhudson@uga.edu](mailto:dhudson@uga.edu)

Dr. Mike Adang [adang@uga.edu](mailto:adang@uga.edu)

**Tuesday afternoons: 2 hours (2:00 -- 4:00)**  
**Biosciences Building, Room 401**

August 22:

Introduction to the course

Beginning overview of communication, both written and oral

August 29:

Lecture and class discussion: Basics of written communication

Thematic and topic sentences; developing a logical paper

Assignment: One to two page paper, emphasizing logical development

September 5:

Lecture and class discussion: Review written communication

Begin discussion of basics of oral communication

Assign second brief paper, again emphasizing basics of development

September 12:

Lecture and class discussion: Continue with basics of oral communication

Return first papers and discuss them

Assign third brief paper

September 19:

Final lecture and discussions of oral communication

Return second papers and discuss them

September 26:

Presentation by Dr. Adang: **Genetic Modification of Foods.** Technology, science-based decision making and public perceptions.

Return third papers and discuss them

Hear and then discuss Dr. Adang's presentation

Assignment: One to two page paper on Dr. Adang's presentation

- Students make a 3-minute presentation on Dr. Adang's topic

October 3:

Presentation by Dr. Adang: **Bioprospecting and Biopiracy.** Natural product discovery, patents, and rights of indigenous peoples.

Two students give 3-minute presentation on previous week's topic by Dr. Adang

Hear and then discuss Dr. Adang's presentation

Assignment: One to two page paper on Dr. Adang's presentation

- Students make a 3-minute presentation on Dr. Adang's topic

October 10: (MID-TERM)

Students choose a topic (approved by Dr. Adang) for their research paper and class presentation later in the semester (a 10-minute presentation)

Brief lecture and discussion on Research Papers and guidelines for writing them

Presentation by Dr. Adang: **Ethics, Business, and the Human Genome Project.**

Students make a 3-minute presentation on previous week's topic by Dr. Adang  
Hear and then discuss Dr. Adang's presentation

Assignment: One to two page paper on Dr. Adang's presentation

- Students make a 3-minute presentation on Dr. Adang's topic

October 17:

Presentation by Dr. Adang: **Human Embryonic Stem Cells: Technology and Ethics**

Two students give 3-minute presentation on previous week's topic by Dr. Adang  
Hear and then discuss Dr. Adang's presentation

Assignment: One to two page paper on Dr. Adang's presentation

- Students make a 3-minute presentation on Dr. Adang's topic

October 24:

Presentation by Dr. Adang: **Animal Cloning: Advances, Concerns, and Ethical Issues**

Hear and then discuss Dr. Adang's presentation

Assignment: Students present selected topics for research papers

October 31:

Presentation by Dr. Adang: **Bioterrorism and Home Land Security**

Hear and then discuss Dr. Adang's presentation

Assignment: Students make a 3-minute presentation on Dr. Adang's topic

November 7: **Biotechnology and World Policy**

Hear and then discuss Dr. Adang's presentation

Assignment: Students make a 3-minute presentation on Dr. Adang's topic

November 14: To Be Determined

November 21: No Formal Class - Thanksgiving Week

In-class work day: Students to meet as needed with Dr. Hudson about their research papers and class presentations

November 28: Presentations by students, followed by class discussion and critique

December 5: Finals Week: Presentations by students, followed by discussion and critique

Final Papers Due

Summary and Review of basics of both oral and written communication