



Summer 2010
ENGR 4060



Technology of Brazil

When: May 9 to May 23, 2010 **Instructors:** Dr. Carol Jones, BAE, and (TBD)

Who may enroll: All majors are welcome. The course is technically oriented. *You do not need any foreign language skills.*

Where: The class will travel from Sao Paolo, to Londrina, to Iguassu Falls to Curitiba to Manaus.

Objectives: Introduce students to the history, culture and current technology in Brazil.

What: The class will consist almost entirely of field trips to sites of interest, including museums, industrial plants and local scenery. A wide range of engineering topics are planned including manufacturing, renewable energy, bioproducts and ecology. Class content will be ½ cultural and ½ technical.

Web: biosystems.okstate.edu/engr4060

How Much: The estimated¹ cost is: Tuition² \$780
Fees³ 1,370
Air Fare⁴ 1,100
Total \$3,250

¹This is an estimate, actual cost may differ slightly.

²No additional charges for non-Oklahoma residents.

³Fees include lodging, many of your meals, local transportation (train, bus, and boat), and tours. Cost of souvenirs, personal side trips, passport if you do not have one, etc not included.

⁴This is the lowest cost of currently offered economy fares.

See biosystems.okstate.edu/ENGR4060 for scholarship information.



Traveling to and from Brazil: Students will schedule and pay for their own flights. We will pick up and return students to the airport.

Credit: This is a 3-hour course during OSU's summer semester. Some engineering students may be able to use the course as a technical elective. (Be sure to check with your advisor.)

Study Requirements: You will be required to attend several lectures in the spring and complete related assignments. In Brazil, you will be expected to maintain a journal and participate in class discussions. On your return there will be one written assignment. The technical aspects of the class are qualitative; i.e., no equations.

Grading: Grading will be based on a qualitative evaluation of your pre-trip assignments, journal, activity report, pictures, participation and conduct.



Itaipú Dam, Paraguay/Brazil. The world's largest hydroelectric facility.
Credit: Itaipu Binacional



Safety: In general, the cities in Brazil are as safe or safer than American cities of the same size.

Payments: Tuition (\$780) following enrollment.
A non-refundable deposit of \$400 will be due approx. February 1, 2010.
The balance of the fees will be due approx. March 30, 2010.

Contact: Dr. Carol Jones (carol.jones@okstate.edu) for information, and Ms Nancy Rogers (nancy.rogers@okstate.edu) to sign up.

Please e-mail us ASAP to indicate your interest.

