

# International Senior Design (ISD) Class

**Fall Semester Info Session:** Info sessions for following summer programs are held in the fall. Watch for announcements and attend!

**Prerequisites:** Program is open to seniors from all disciplines graduating the following year. Juniors and students from other universities are considered on an individual basis. Space for certain disciplines may be limited.

**Location:** Bolivia or other developing world locations.

**Credits:** 6 SUMMER semester Track B credit hours: CE4990 International Field Experience (3); CE4905 Senior Design (3)

**Approximate Dates:** **CE4990:** Two weeks in country; typically two classes are offered: 1) late July to early August and 2) mid August to late August.  
**CE4905:** Class work overlaps fall semester.

**Course Information:** Use as **Professional Elective** or **Senior Design** credits. Courses can count toward the **Certificate in International Sustainable Development**.

## **Course pair offered for summer registration:**

- **CE4990** International Field Experience - 3 credits: takes place in a developing country for two weeks during Track B.

Coursework consists of two parts: 1) volunteer construction to learn tools, techniques and construction materials and 2) work directly with an international “client”, gathering of design data for the senior design project.  
*Due to the nature of the class NO drinking or smoking is allowed.*

- **CE4905** Senior Design - 3 credits: although class is scheduled for summer semester, intensive coursework actually takes place on campus during first eight weeks of the FALL semester following the in-country experience. Plan your fall course-load accordingly.

Coursework consists of performing a design option feasibility study, writing an engineering report and developing drawings and specifications for the recommended design which are sent to the project “client.” The goal is to produce engineering designs to benefit the local people. The exact project content is NOT as important as the opportunity to experience a real project from inception, through design. Instructors have 20+ years of industry experience each.

**Language:** English used in class. Spanish is used to communicate with local residents; fluency not required.

**Approximate Cost\*:** **Program (Lab) Fee:** \$875-950 (Includes in-country food, lodging, transportation, construction materials, & fees.)  
**Tuition:** Per current rates \*\*

**Airfare:** est. \$1200 (From Chicago/Detroit to Bolivia)

**Vaccinations:** varies with healthcare provider and location

**Visa:** varies

**Deposit:** \$200 non-refundable deposit is due by December 1 (see below)

\* **Figures are estimated, and subject to change**

\*\* **If ISD classes are your only summer classes, the out-of-state tuition break does NOT apply.**

**Financial Aid:**

Full financial aid applies if you take at least 12 summer credits. Partial financial aid applies for at least 6 summer credits. (ISD classes satisfy this requirement.) You may also “borrow” against next year’s financial aid awards.

**Application Deadline:**

**Dec 1** prior to summer offering. Space is limited; first come, first served.

**Useful Websites:**

**International Senior Design Course website:**

<http://www.cee.mtu.edu/projects/index.htm>

**D80:**

<http://www.d80.mtu.edu/>

**Certificate in International Sustainable Development**

<http://www.d80.mtu.edu/Certificate.html>

**CEE’s Senior Design website:**

<http://www.cee.mtu.edu/advise/Senior%20Design.html>

**CEE Flowcharts:**

<http://www.cee.mtu.edu/advise/Degree%20RequirementsII.html>

**Contact Information:**

Course questions: **Linda Phillips:** [lindap@mtu.edu](mailto:lindap@mtu.edu)

Scheduling, registration, prerequisites: **Julie Ross:** [jzross@mtu.edu](mailto:jzross@mtu.edu)

**How to Sign-up:**

Attend the fall ISD Informational session! **Enrollment is on a first come first served basis.** 12 students per class limit. Enrollment first opened to the fall informational meeting attendees.

**Initial Down Payment:**

**Initial \$200 down payment due December 1,** to the cashier's office.

\$100 holds your seat in the class and will be credited toward the “Program (lab) fee”. The second \$100 is the airline deposit. The airlines hold the deposit until return from the trip. MTU will then credit it to your account.

Deposits are non refundable if you cancel from the class. NOTE: Your full air ticket payment is non refundable as of Feb 1.

**Bring the following form to the Cashier’s Office OR CALL 906-487-2247 and CHARGE the deposit. State that the \$200 is for "CE4905, International Senior Design".**

**NOTE: AFTER YOU PAY, YOU MUST EMAIL LINDA ([lindap@mtu.edu](mailto:lindap@mtu.edu)) to notify that 1) YOU PAID and 2) WHICH CLASS TRIP (July or August) YOU REQUEST. IF YOU FAIL TO DO THIS YOU WILL LOSE YOUR PLACE IN LINE.**

**Summer International Senior Design (CE4905) – Deposit form**

**This form must be brought to the Cashier's Office along with your \$200 deposit by December 1. (OR CALL 906-487-2247 and CHARGE the deposit)**

Name: \_\_\_\_\_ ID# \_\_\_\_\_

\_\_\_\_\_ CE4905 – Summer 200\_ (fill in year) – A12411 (Account code R980)

*Cashier's Office Use Only*

Send receipt to: Shelle Sandell, Civil and Environmental Engineering