# UNIV HOWARD R. HUGHES College of ENGINEERING

Educate, Engage, Inspire, Innovate

## Overview

The objective of the <u>UNLV Engineering</u> Experiential and Cultural Program is to immerse international undergraduate engineering students into the United States academic experience. The program places special emphasis on customized programs that cater to students from overseas universities. The UNLV Engineering Experiential and Cultural Program will help participating students become better adapted at becoming productive within the global workplace or to pursue graduate studies.

a. <u>UNLV Engineering</u> Experiential and Cultural Program: Jan. 22 to Feb. 9, 2018 (Three Weeks)

b. Minimum and Maximum Number of Participating Students: 30-50

c. Target Students: Sophomore to senior level undergraduate students in any engineering or computer science major

# Elements

• English as Second Language (ESL)

UNLV has developed special English programs that are tailored to meet the needs of various student groups. These programs are taught by the English Language Center faculty. They have extensive experience serving international students with varying degrees of preparation who come from all over the world. The class is offered for certification of proficiency. Students will be offered assistance in signing up TOEFL and/or Michigan exams.

- Course Experience in Engineering Majors Students are allowed to audit one or two engineering courses offered in College of Engineering. The course offered for Spring 2018 can be found at MyUNLV.
- Research Experience

The College of Engineering features many world-class laboratories led by well-known faculty in many fields including transportation, environmental engineering, robotics, smart materials, and computer security. More information is provided in the

link <u>https://www.unlv.edu/engineering/engineeringresearch</u>. Please refer to the <u>list of faculty</u> who have supervised interns. The students need to indicate their interests in the application form and write a statement about their research preferences. The UNLV coordinating committee will place students in various labs depending on their interests and background as well as the availability for each lab position. Students work in the labs an average of two hours per day. Depending on the nature of their assignments, they may co-author the resulting technical publications.

Research Seminars

One research seminar per week will be offered to introduce students to research methodology, research infrastructure, ongoing research projects within the College of Engineering, and career possibilities including industry and graduate studies.

• Social Activities

Several social activities such as pizza/ice cream parties, movie night, racquetball competitions, and so forth. will be organized to allow participating students to interact with other UNLV College of Engineering students.

• Field Trips

Field trips to relevant sites, such as Hoover Dam, strip resorts, solar power plants, and local industries will be scheduled to introduce students to local at-tractions within and around Las Vegas.

## **Program Fees (including the below items)**

- Engineering Experience and Cultural Program Tuition: \$1,065
- Room (estimated): \$245/week x 3 weeks (up to 21 days) = \$735
- Estimated total cost: \$1,800 (excluding meal, travel expenses, travel insurance, and visa fee or visa waiver application fee)

## Meals

On-campus meals are available in UNLV dining commons, Student Union, sidewalk cafes, and so forth. Many dining options exist just off-campus.

## **Application Deadline & Materials**

- Application deadline: Nov. 15, 2017
- Application Materials
  - UNLV Engineering Experiential and Cultural Program Application Form
  - Copy of Official college transcript
  - Copy of Passport
  - Copy of Travel Health Insurance

### Contacts

Jaekeun Cho Engineering International Coordinator College of Engineering University of Nevada, Las Vegas Las Vegas, NV 89154 Email: jaekeun.cho@unlv.edu