Industrial Experience Requirement for ELEC/CPEG

Nov 26, 2014
"Engineering Plus" Curriculum

Year 1
- Engineering Introductory Courses
- Engineering Fundamentals#

Year 2 & 3
- Major Foundation and Core Courses
- Selection from list of In-depth Specialty Courses

Year 4
- Capstone Final Year Project

University Core Education

Optional Minor & Enrichment Programs
- Minor Programs
- UROP*
- Internship
- Exchange
- Competitions

# Mathematics, Science, Computing, Technical Communication
* Undergraduate Research Opportunities Program
Industrial Experience as Integral Part of ECE/CPEG UG Education

• Want internship with companies to replace taught industrial training for HKIE accreditation requirement
  ▪ Early career development for students
  ▪ Strive for excellence in the real world beyond the university

• Want most of our students to participate. May be made mandatory in the future

• Working together with CSE
  ECE Coordinator: Albert Wong
  CSE Coordinator: D.Y Yeung
ELEC1971/1991 - Internship Experience

- All students in 4-year curriculum will be automatically registered in a new zero-credit course, ELEC1971/1991 “Internship Experience” for ELEC/CPEG, starting from the spring semester of their year 2.
- Enrollment in ELEC1971/1991 will continue until student has completed a full-time internship of at least 6 weeks at a company, in a position relevant to the student’s program of study.
- 6-month/1-year internship also strongly encouraged
- Exception allowed for internship at one or more companies over non-contiguous 6 week period. Part-time internship to be considered in the future.
Course Requirement and Assessment

• By year 2, student should prepare and submit CV on e-advising (http://e-advising.seng.ust.hk/cgi-bin/internship/index.php).

• After a position is found, submit online application together with offer letter and job description http://e-advising.seng.ust.hk/cgi-bin/internship/application/index.php.

• Upon completion of internship, submit brief report together with supervisor feedback.

• Position will be approved as long as it is related to our program in a broad sense (consult me if you have doubt).

• Students unable to find internship will undertake taught industrial training as last resort in their final year.
Safety Training

- Regular 4 year students are expected to fulfill the safety training requirement by ENGG1010.
- Safety training will be arranged separately for Direct Entry students.
Support Available to You

Workshops, talks, job lists, and recruitment events from HKUST, SENG, and ECE department levels

- HKUST: Career Center
- SENG: IEI (Center of Industrial Engagement and Internship)
- ECE Department:
  - Internship coordinator
  - Executive Officers
  - FDMT
Useful Links

• SAO Career Center: [https://career.ust.hk/internships_stu.html](https://career.ust.hk/internships_stu.html)
  Internship Network, iNet: [https://career.ust.hk/inet_stu.html](https://career.ust.hk/inet_stu.html)


SENG Mobile IIEI app:
*Login with your ITSC email address. Use your student number as password.


• FDMT:
  Website: [http://ece.fdmt.hk/](http://ece.fdmt.hk/)
  Enquiry email: candidate@fdmt.hk
External Links

• HK Science Park:  
  https://talent.hkstp.org/

• JIJIS:  
Foundations for a Successful Career

1. Personal Well-being
2. Goals
3. Proactiveness
4. Language skill
5. Professionalism
Some Immediate Actions

• CV and cover letter preparation
  ▪ Sign up for an FDMT or Career Center workshop
  ▪ A good CV and cover letter is extremely important!

• Explore career interests.
  ▪ Talk to people
  ▪ Set aside time for recruitment and career talks, company visits, investigations