

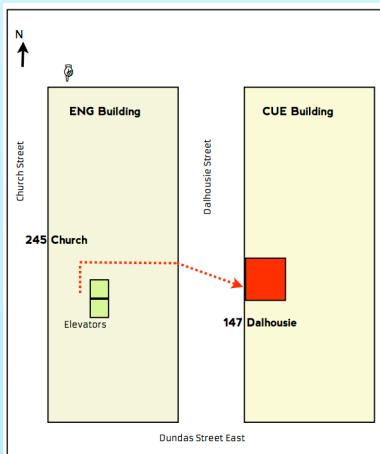
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- 59 • INTERACTIVE SHOW ENHANCEMENT FOR CARNIVAL
DARK RIDE • R. Kipping, I. Miah, M. Miljevic (C) Dr. Raahemifar
- 60 • INTELLIGENT ROBOTIC ARM • H. Dang, K. Foo-Kune, S. Sooriyanthan (R) Dr. Raahemifar
- 61 • WEB AND MOBILE ORGANIZATION SYSTEM • J. Baray, R. Idris, L. Zeng (S) Dr. Raahemifar

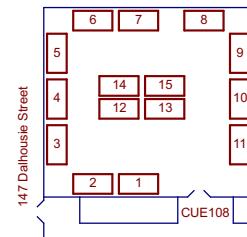
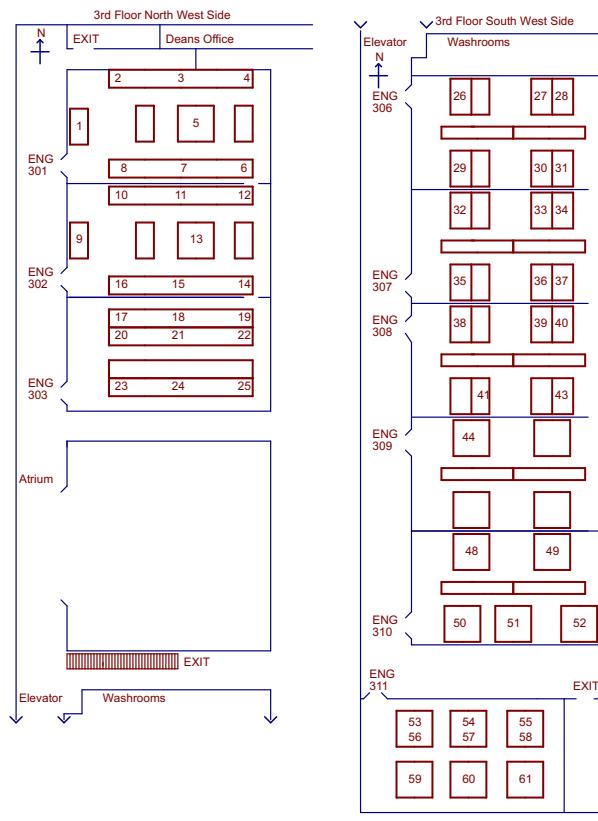
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- 1 • WIND ENERGY GENERATION FOR SMART HOME • P. Konidis, C. Yeates (P) Dr. Wu
- 3 • SMART CIRCUIT BREAKER • S. Lee, K. Sadidi, R. Siriwardena (P) Dr. Xu
- 4 • TRANSMISSION SYSTEM PLANNING • A. Newaz, J. Qayyum, F. Qazi (P) Dr. Venkatesh
- 7 • THREE-STAGE, SINGLE-PHASE, GRID-TIED PV SYSTEM FOR SMART HOME • N. Ali, B. Nadesan, E. Thambirajah (P) Dr. Yazdani
- 8 • PROGRAMMABLE THREE PHASE BI-DIRECTIONAL POWER SUPPLY • M. Andoni, N. Jowlabar, A. Li (P) Dr. Xu
- 10 • SMART METER DESIGN • T. Eastmond, N. Lazarov, M. Paolo (P) Dr. Venkatesh
- 11 • PHOTOVOLTAIC ARRAY SIMULATOR • A. Hussain, U. Javed, A. Naeem (P) Dr. Yazdani
- 12 • PHEV BATTERY CHARGER • H. Akbari, M. Farahzad, (P) Dr. Wu
- 14 • SMART HOME MICRO-GRID OPTIMIZATION • S. Awan, R. Memon, S. Patel (P) Dr. Venkatesh

DIRECTIONS TO CUE BUILDING



ENG & CUE FLOORPLANS



RYERSON UNIVERSITY

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

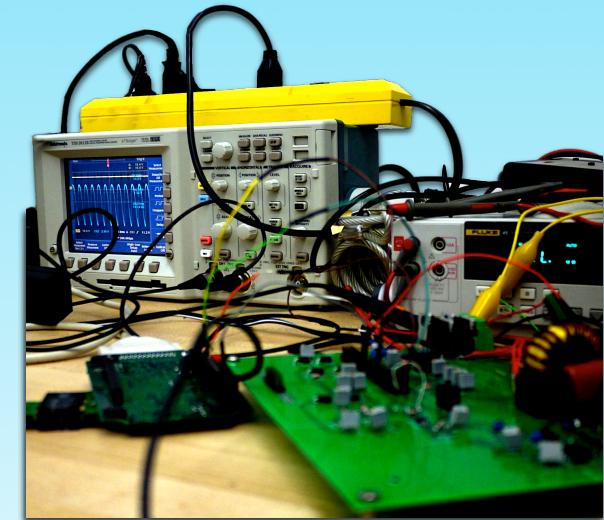
RYERSON ENGINEERING DAY • 2013

2:00 – 5:00PM • APRIL 26TH, 2013

3RD FLOOR LABS • 245 CHURCH ST.

1ST FLOOR LABS • 147 DALHOUSIE ST.

ELECTRICAL, COMPUTER & BIOMEDICAL CAPSTONE DESIGN PROJECTS



THE CAPSTONE DESIGN PROJECTS ARE LISTED BY ROOM NUMBER AND INCLUDE THE THE BENCH NUMBER, PROJECT TITLE, THE STUDENT NAMES, PROJECT CATEGORY AND THE FACULTY SUPERVISOR.

PLEASE CONSULT THE FLOORPLANS, FOUND ON THE BACK OF THIS GUIDE, TO LOCATE A SPECIFIC BENCH IN EACH ROOM.

PROJECT CATEGORY LEGEND

- | | | |
|----------------|-------------------|------------------|
| (B) BIOMEDICAL | (C) COMMUNICATION | (M) MICROSYSTEMS |
| (P) POWER | (R) ROBOTICS | (S) SOFTWARE |

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- 1 • MENTALAND PHYSICAL TRAINING SYSTEM • *L. Milosevic, M. Parahoo, S. Vader* (B) Dr. Standish
- 2 • SMART PHYSIOLOGICAL SIGNAL SIMULATOR • *M. Habej-Bek, N. Salman, J. Widla* (B) Dr. Umapathy
- 3 • STRESS QUANTIFICATION • *D. Chitnis, C. Harpaul, S. Syed* (B) Dr. Umapathy
- 4 • INTEGRATED SYSTEM FOR MONITORING ALZHEIMER PATIENTS • *B. Al-Saad, A. Parmar, L. Stefan* (B) Dr. Krishnan
- 5 • BRAIN CONTROLLED MOBILITY DEVICE • *S. Jones, L. Pereira, J. Thayilchira* (B) Dr. Standish
- 6 • SUBWAY: WHEELCHAIR ACCESSIBILITY SIMULATOR • *A. Ikram, M. Istetieh, I. Sharmin Shah* (B) Dr. Smith
- 7 • SMART MUSCLE RELAXER • *R. Aldulaimi, S. Ayyash, A. Suresh* (B) Dr. Umapathy
- 8 • 3D HEART MODEL FOR CARDIAC ACTIVATION DISPLAY • *S. Abid, A. El-Falou, R. Phull* (B) Dr. Umapathy

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- 9 • HAPTIC SURGICAL TRAINING SYSTEM • *S. Feroz, A. Ip, N. Li* (B) Dr. Smith
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- 16 • ENERGY HARVESTING SHOE PAD • *F. Dahir, G. Mahalingam, K. Maheswaran* (P) Dr. Fernando

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- 17 • CAR SECURITY AND TRACKING SYSTEM • *A. Cheema, F. Iqbal, H. Nawaz* (M) Dr. Geurkov
- 18 • THE INTELLIGENT INTERSECTION • *B. Bonnici, N. Hewitt, V. Pararasasingam* (M) Dr. Geurkov

- 19 • CARRY SKIP ADDER CADENCE SCHEMATIC/LAYOUT/SYMBOL/TESTBENCH • *A. Hong, A. Lo, D. Loac* (M) Dr. Ye
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- 23 • ELECTRIC VEHICLE DATA ACQUISITION & ANALYSIS • *D. Balilti, A. Fertman, Y. Narine* (P) Dr. Fernando
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- 33 • SMARTHOME WIRELESS MONITOR AND CONTROL • *G. Anandakumar, P. Ratnakumaran, S. Vipulanandan* (C) Dr. Anpalagan
- 34 • IC LAYOUT: THE PHYSICAL LAYOUT OF AN FPGA TILE • *E. Jayawardhana, A. Mistry, N. Thavalingam* (M) Dr. Ye
- 35 • MULTI-CORE NETWORK ON CHIP DESIGN • *M. Khawaja, K. Maharaj, N. Rahman* (M) Dr. Khan
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- 52 • SOLAR TRACKING MAGNIFIER • *U. Ahmad, J. Komban, V. Patel* (P) Dr. Raahemifar

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