Lassonde School of Engineering (LE)

http://lassonde.yorku.ca/
Agenda

1. LE Overview
2. BC Resources
3. LE Resources
4. LE Initiatives
Things to Keep in Mind

• Slides will be posted on Bethune College website
• Web and email links provided for ease of access to information
Lassonde School of Engineering:

Overview

http://lassonde.yorku.ca/
Lassonde School of Engineering Explained

- A new professional school revolving around creation of Renaissance Engineers™
- Important aspects are citizenship and entrepreneurship
Existing Departments

• Earth and Space Science and Engineering (ESSE) [http://yorku.ca/esse/](http://yorku.ca/esse/)

• Electrical Engineering and Computer Science (EECS) [http://lassonde.yorku.ca/electrical-engineering-computer-science](http://lassonde.yorku.ca/electrical-engineering-computer-science)
New Departments

- Civil Engineering  [http://lassonde.yorku.ca/civil-engineering](http://lassonde.yorku.ca/civil-engineering)
- Mechanical Engineering  [http://lassonde.yorku.ca/mechanical-engineering](http://lassonde.yorku.ca/mechanical-engineering)
- Civil and mechanical engineering programs will be launched in September 2014
Earth and Space Science and Engineering Department Programs

- Earth and Atmospheric Science
- Geomatics Engineering
- Space Engineering
- Space Science

http://www.yorku.ca/esse/undergrad_all.htm
Earth and Space Science and Engineering Department Certificate Programs

- Geographic Information Systems (GIS) and Remote Sensing
- Meteorology

http://www.yorku.ca/esse/certificate_all.htm
Electrical Engineering and Computer Science Department Programs

- Computer Science
- International Computer Science
- Computer Security
- Digital Media

http://lassonde.yorku.ca/eecs-undergrad
Electrical Engineering and Computer Science Department Programs (cont.)

• Computer Engineering
• Electrical Engineering
• Software Engineering

http://lassonde.yorku.ca/eecs-undergrad
Additional Current LE Programs

• Engineering (undecided)
  - Opportunity to specialize after first year (common first year for all engineering programs)

http://lassonde.yorku.ca/engineering-undecided-beng
Additional Current LE Programs (cont.)

• Engineering and International Development Studies
  - Dual degree (BEng and BA)
  - Five years to complete both degrees in any engineering program

http://lassonde.yorku.ca/engineering-undecided-beng
Bethune College (BC):

Resources

http://lassonde.yorku.ca/
Bethune College Explained

• College affiliation for LE students (Lassondians)

• Offers useful services for both academic and career support

• Offers wide range of clubs and organizations

http://bethune.yorku.ca/
Student Ombuds Services (SOS)

- Peer Tutoring
- Peer-Assisted Study Sessions (PASS)
- Class Representatives
- Peer Mentoring
- Peer Advising
- Seminars

http://bethune.yorku.ca/sos/
SOS – Important Things to Know

• All services are optional but highly recommended

• All services are free

http://bethune.yorku.ca/sos/
SOS Peer Tutoring

• One-on-one assistance

• Offered for core math and science courses including:
  - MATH 1013, 1014, 1019
  - BIOL 1000, 1001
  - CHEM 1000, 1001
  - PHYS 1010, 1410, 1420
  - CSE 1030, 1520

http://bethune.yorku.ca/tutoring/
SOS Peer Tutoring (cont.)

- Peer Tutors are upper-year students who have succeeded in particular courses
- Peer Tutors assist students in learning key concepts and solving problems

http://bethune.yorku.ca/tutoring/
SOS Peer Tutoring (cont.)

• Weekly hours based on course
• Monday-Friday, 2:30-6:30 pm
• Located in Bethune College Study Hall (BC 102F) and Life Sciences Learning Common (LSB 104)
• Contact email: bctutor@yorku.ca

http://bethune.yorku.ca/tutoring/
SOS Peer-Assisted Study Sessions (PASS)

- Group-oriented studying
- Offered for core math and science courses including:
  - MATH 1013, 1014, 1300, 1310
  - BIOL 1000, 1001
  - CHEM 1000, 1001
  - PHYS 1010, 1420
  - CSE 1020, 1030

http://bethune.yorku.ca/pass/
• PASS leaders are upper-year students who have succeeded in particular courses

• PASS leaders *facilitate* understanding of key concepts, create mock tests, and help students strengthen their study skills

http://bethune.yorku.ca/pass/
SOS Peer-Assisted Study Sessions (PASS) (cont.)

- Scheduled 2 x 90-min sessions per week
- Located in BC 203, BC 230, BC 323
- Contact email: bcpass@yorku.ca

http://bethune.yorku.ca/pass/
SOS Class Representatives

• Students enrolled in core engineering, math, and science courses represent fellow classmates

• Courses offering this initiative include:
  - ENG 1000
  - MATH 1013, 1014
  - BIOL 1000, 1001
  - CHEM 1000, 1001
  - CSE 1020, 1030

http://bethune.yorku.ca/classreps/
SOS

Class Representatives (cont.)

• Class Reps liaise between course instructors and students
  – Provide general feedback and bring any concerns that arise to the attention of the course instructor

http://bethune.yorku.ca/classreps/
SOS
Class Representatives (cont.)

• Initiative strengthens professor-student connections
• Vision to improve student learning and performance
• Contact email: bccr@yorku.ca

http://bethune.yorku.ca/classreps/
SOS Peer Mentoring

• Helps first-year students transition and adapt to university life
• Peer Mentors are trained and successful upper-year students
• Incoming students matched with a Peer Mentor before September classes begin

http://bethune.yorku.ca/mentoring/
SOS Peer Mentoring (cont.)

• Peer Mentors play important roles during Academic Orientation, including leading campus tours

• Peer Mentors available during school year to answer questions, give advice, and direct students to further assistance

• Contact email: bcmentor@yorku.ca

http://bethune.yorku.ca/mentoring/
SOS Peer Advising

• Multi-faceted resource centre
• Peer Advisors
  - Direct students to course assistance and campus services
  - Provide help or referrals for course selection and for understanding program requirements

http://bethune.yorku.ca/advising/
SOS Peer Advising (cont.)

• Peer Advisors also
  – Provide information on graduate studies and career pathways, including prerequisites and admission processes
  – Organize career-related seminars

• Located in BC 208, open weekdays 10am-4pm

• Contact email: bcpa@yorku.ca

http://bethune.yorku.ca/advising/
Bethune College Seminars

• Seminars offered by:
  – SOS
  – Career Centre
  – Learning Skills
  – Library

• Offered throughout fall and winter terms on Wednesday afternoons/evenings

• Located in BC 203, BC 320, and LSB 103

http://bethune.yorku.ca/events/
SOS Seminars

• Career-related seminars including:
  – Research & volunteer opportunities
  – Professional schools
  – Future planning including:
    ➢ What to do with a BSc degree
    ➢ What to do with a BEng degree

http://bethune.yorku.ca/events/
Career Centre Seminars

• Seminars on job-related skills including:
  − Resumé and cover letter writing
  − Finding a part-time job

http://bethune.yorku.ca/events/
Learning Skills Seminars

• Seminars aimed to improve academic performance including:
  
  - Time management
  
  - Math and science problem solving skills

http://bethune.yorku.ca/events/
Library Seminars

• Seminars aimed to improve written communication and research skills including:
  - Lab report writing
  - Power Searching in Web of Science

http://bethune.yorku.ca/events/
Bethune College on Facebook

• Page called “Bethune College Academic Community”
  - Up-to-date info on academic support programs
  - Notifications for opportunities of involvement and their deadlines, including PASS leader applications

https://www.facebook.com/BethuneCollegeAcademicCommunity
Bethune College on YU Connect


- Organization called “Bethune College Peer Team”
  - Info on SOS programs
  - Postings of academic events, including Meet the Profs

https://yorku.collegiatelink.net/organization/BethunePeerMentoring
Bethune College Council (BCC)

- Student government that represents all Bethune students
- Organizes social events and academic programs, and supports affiliated student organizations
- Located in BC 122

http://lassonde.yorku.ca/clubs-organizations
LE Student Organizations

- Computing Student’s Hub
- Digital Media Students Association
- Engineering Society
- Geomatics Club
- Institute of Electrical and Electronic Engineers (IEEE) YU Student Branch

http://lasson.de.yorku.ca/clubs-organizations
LE Student Organizations (cont.)

- Robo Gals
- Robot Fighting Club
- York Atmospheric Science Club
- York University Rover Team

http://lassonde.yorku.ca/clubs-organizations
Lassonde School of Engineering: Resources

http://lassonde.yorku.ca/
Resource Branches

- Lassonde Student Centre
- Academic advising
- Industry connection
- Financial information

http://lassonde.yorku.ca/advising
Lassonde Student Centre

• Academic advising
• Student clubs support
• Recruitment Activities, including Lassonde Ambassador Program
• Faculty Mentoring

ask@lassonde.yorku.ca
416-650-8215
Lassonde Student Centre (cont.)

- General Inquiries
- Petitions and Appeals
- Location: LAS 1012 suite of offices
- Hours M, R, F 8:30 – 4
- Hours T & W 8:30 – 6

ask@lassonde.yorku.ca
416-650-8215
Academic Advising

- New and continuing students in Earth and Atmospheric Science, Space Science, and all engineering programs should go to Lassonde Student Centre

ask@lassonde.yorku.ca
416-650-8215
Academic Advising (cont.)

• For **Computer Science, International Computer Science, Computer Security, and Digital Media** majors:
  - *New students* should go to Lassonde Student Centre
  - *Continuing students* should go to Electrical Engineering & Computer Science Office (LAS 1003)

[ask@lassonde.yorku.ca]
[416-650-8215]
Industry Connection

• Technology Internship Program (TIP)
  - LE programs being offered this are:
    ➢ Computer, Geomatics, Software, and Space Engineering
    ➢ Computer Science and Security
    ➢ Digital Media

http://lassonde.yorku.ca/technology-internship-program
http://www.yorku.ca/careers/internships/technology.htm
Industry Connection (cont.)

• Details of Technology Internship Program
  – 4, 8, 12, or 16 month paid positions
  – Placement possible for third year full time Honours students
  – Connections to colleagues and employers in particular field

• Career Centre, 202 McLaughlin College

http://lassonde.yorku.ca/technology-internship-program
http://www.yorku.ca/careers/internships/technology.htm
Financial Information

• Student Financial Services
  – Scholarships, awards, and bursaries
  – Financial advising
  – Employment on campus

• Appointment bookings at Bennett Centre
  – Click on “Jump the Queue”

http://sfs.yorku.ca/
Lassonde School of Engineering:

Initiatives

http://lassonde.yorku.ca/
LE Student Perspectives

Lassondians have shared their experiences on topics including
- Time management
- Money

http://lassonde.yorku.ca/meet-lassondians
Faculty-Student Mentorship Program

• Incoming LE students assigned to faculty member who will serve as mentor
• Students have faculty mentor throughout academic years
• Creates a strong connection between students and professors

http://lassonde.yorku.ca/mentoring
Faculty-Student Mentorship Program (cont.)

• Both academic and non-academic assistance
  − Clarification of course expectations
  − Advice on future possibilities (e.g. graduate studies, careers)

http://lassonde.yorku.ca/mentoring
Student Ambassador Program

• Recruitment and engagement initiative
• Opportunity for Lassondians to represent LE at events
  - Ontario Science Centre, Ontario Universities Fair, high school visits, and more
• Opportunity for Lassondians to be mentors for new students

http://lassonde.yorku.ca/ambassador-program
https://yorku.collegiatelink.net/organization/LassondeSudentAmbassadors
Student Ambassador Program (cont.)

• Lassondians earn points based on involvement and in return can receive:
  - Certificates of leadership
  - Letters of appreciation
  - Eligibility for financial awards

http://lassonde.yorku.ca/ambassador-program
https://yorku.collegiatelink.net/organization/LassondeStudentAmbassadors
Student Ambassador Program (cont.)

• Fantastic for resume-building, gaining experience and building skills
  - Mentoring
  - Team-building
  - Communication
  - Public speaking

http://lassonde.yorku.ca/ambassador-program
https://yorku.collegiatelink.net/organization/LassondeStudentAmbassadors
Further Questions

• For additional assistance:
  - Contact your Peer Mentor
  - Drop by SOS PA office (BC 208)
  - Go directly to academic advising location
Thank You

Thank you for using this module for guidance and enjoy your studies at Lassonde School of Engineering.