

Muhammad Shirazi <ahad.shirazi@ryerson.ca>

2022 Ryerson Engineering Day

2 messages

Google Forms <forms-receipts-noreply@google.com> To: ahad.shirazi@ryerson.ca

Thu, Mar 31, 2022 at 9:43 PM

Thanks for filling out 2022 Ryerson Engineering Day

Here's what was received.

Edit response

2022 Ryerson Engineering Day

Date: Friday April 29, 2022 Time: 9:00 to 5:00 pm

A showcase of capstone design projects.

Location:

George Vari Engineering and Computing Centre, 245 Church Street.

All Engineering Departments will be participating in the Ryerson Engineering Day

Biomedical, Computer, and Electrical Engineering will display their posters and projects in the 3rd. and 4th. floor labs.

Aerospace, Civil, Chemical, Mechanical and Industrial Engineering will display their posters on the 2nd, 3rd and 4th floor hallways and in the Sears Atrium.

The Dean's Office will provide pizza and pop for lunch.

Your email (ahad.shirazi@ryerson.ca) was recorded when you submitted this form.

General Information for Electrical, Computer, and Biomedical Students

Ryerson Engineering Day preparations require that your team fill in a registration form and submit a poster for printing.

Step 1 - Read over the FAQ and poster specifications. Take note of deadlines and requirements.

Step 2 - The team leader fills in the form with as much detail as possible where requested.

Step 3 - Design a poster as per the specifications and submit it for printing.

Please take note of the submission deadlines for the registration form and poster.

Late forms or posters may result in an academic and or financial penalty.

Registration Form must be submitted by 11:59pm Thursday March 31, 2022

You may edit and resubmit the form up until the deadline. After the deadline email changes to jkoch@ee.ryerson.ca

Poster must be submitted by 11:59pm Thursday April 14, 2022.

The department covers the cost of printing, if you miss the deadline your team will be responsible for the cost of printing the poster.

For Open House questions. Call Jim Koch at 416-979-5000 ex556118.

e-mail jkoch@ee.ryerson.ca. Or drop by his office ENG418.

Frequently Asked Questions

- Q: MUST MY TEAM ATTEND?
- A: From the course Outline: Students are required to participate in an "Open House" exhibition.
- Q: WHEN SHOULD YOU ARRIVE TO SET UP.
- A: Doors will be unlocked around 9AM.
- Q: WHY DO ALL TEAMS NEED TO REGISTER, AND WHAT IF THIS FORM IS SUBMITTED LATE?
- A: We need the information from the registration form to decide who gets setup in which lab, and what equipment to place at each team's station.

If your registration form is late, you may not be placed in the best location and you may not get requested equipment. Planning starts the day after forms are due.

Q: OUR TEAM IS USING EQUIPMENT FROM A DEPARTMENT RESEARCH LAB, ANOTHER DEPARTMENT, COMPANY OR HOSPITAL, HOW DO WE GET IT PUT AT OUR STATION?

A: It is the team's responsibility to obtain permission from your FLC and the owner of the equipment before it can be moved. Your team will be responsible for moving it to your station the morning of the Open House. The lead group member should contact Jim Koch to arrange help with moving if necessary. Q: HOW AND WHERE WILL CAPSTONE PROJECTS BE DISPLAYED?

A: Each team will be assigned a bench in one of the ENG labs based on equipment needs and FLC recommendations.

- Lab benches are cleared of all extra equipment, only the equipment requested on the registration form will be placed at the bench.
- In the special requirements section of the registration form be sure to state if you need extra floor space for robots etc., and if you are using wireless devices and what frequency so that projects on the same frequency can be placed in separate rooms.
- Each Capstone project poster (designed and submitted by April 9th.) will be set up at the teams station, see below.
- Q: WHO CAN I ATTACH WIRES TO FOR BODY MEASUREMENTS?
- A: No visitors are to be tested, only group members designated and approved by your FLC are permitted.
- Q: WILL TEAMS BE ABLE TO CONNECT THEIR COMPUTER TO THE DEPARTMENTS NETWORK?
- A: Before requesting a wired connection, please see Jason Naughton in ENG439 who will determine whether you really need one. If you require wired network access, please make sure you indicate it on the
- Q: WILL TEAMS BE ABLE TO USE THE LABS DURING THE EXAM WEEKS?
- A: Yes but in some cases access will be limited.
- Set up for open house takes about 8 days. Labs are cleared of equipment, benches are cleaned etc. While we are working on a lab it will be closed, usually for 1/2 a day.
- Power project labs are set up first, students assigned to these labs may use their assigned bench under the same conditions as during the semester. ENG308, 309, 310 will only be open when a engineering support person is available.
- ENG 306, 307 will be the last labs set up, generally the day before open house, once these labs are set up there will be limited equipment based on the needs of the team assigned to the bench.
- All labs will open 1 hour before the start of the Open House.
- Q: I WANT TO USE A LCD PROJECTOR, WHO SUPPLIES IT?
- A: Use is NOT recommended, rooms are too bright, space where it will work well is limited, we have to keep the lights on for the other projects. If you insist, you must bring your own projector and screen, or

book them through Ryerson Technology Equipment and Services located in Kerr Hall East, room KHE227.

Q: WHAT SHOULD I WEAR, WHAT SHOULD I BRING?

A: Please dress as if you are going to a job interview. Industry guests will be invited to the open house.

- Remember to bring some up to date resumes.

Q: CAN I EAT/DRINK IN THE LAB?

A: We prefer you didn't. Lunch will be served on the 4th. floor, please keep Food and Drink up there.

- Please be careful, you are still responsible if you spill something and damage equipment, or cause an accident.

Project Poster

Each project team is required to create a poster and submit a PDF copy of the poster by 11:59pm Thursday April 14, 2022.

The department will cover the cost of printing and mounting posters submitted by the deadline.

Note: Late submissions will not be printed by the department. If your team misses the deadline your team becomes responsible for printing and the costs, which average 25 - 35 dollars. If you end up printing your poster please bring it to ENG418 for mounting no later than April 23rd.

Poster dimensions: 24" wide x 36" high, PORTRAIT format only.

Poster file name: Name your poster file using the following format:

ProjectCode student last names(all three students).PDF

Example of the poster file name: NP01 Bardeen Shockley Brattain.pdf

ELE/COE Students, please email your file to jkoch@ee.ryerson.ca and copy your FLC. Some FLC's may want to see your posters before submission, please check with your FLC.

BME Students, please have your FLC check and OK your poster, then email your file to jkoch@ee.ryerson.ca

Poster must contain the following key information:

- 1. Title of the project
- 2. Name of the authors
- 3. Motivation: Brief the motivation of your project
- 4. Your approach: Detail your approaches using text, figures, tables, charts
- 5. Conclusion: Highlight your contributions and findings of the research

Posters will be printed by the department and mounted in three fold poster boards and set up at the teams station, see below.

Reference: There are posters from 2018, 2019 on the ENG 3rd floor that you can use as references in designing your posters.

If you are including pictures try and use ones with as high a resolution as possible otherwise they will look very pixelated when blown-up to poster size.

If you are going to include the Ryerson Logo on your poster please follow the guideline found at http://www.ryerson.ca/brand/index.html

Sample Template, Click or copy and paste. Note: Will open an external link 24" x 36" Poster Template

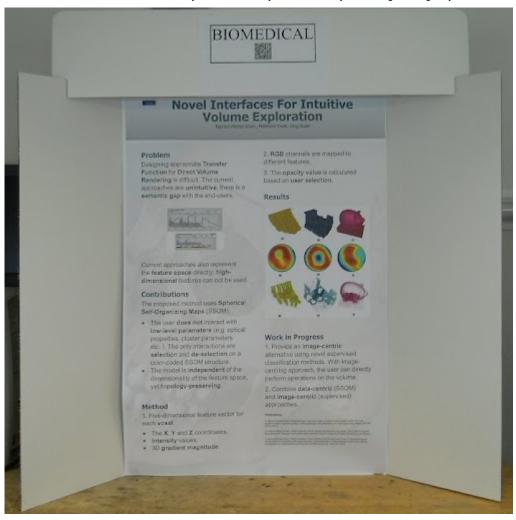
https://www.ee.ryerson.ca/~jkoch/openhouse/2019_Capstone/24x36postertemplate.pptx

Had posters been required in 1987 when I did my capstone project, my poster would have looked something like this. See below. For the full size version click > https://www.ee.ryerson.ca/~ jkoch/openhouse/2019 Capstone/jimkochposter.pdf

Sample Poster Layout



Sample Poster Setup



SUBMISSION DEADLINES

Registration Form must be submitted by 11:59pm Thursday March 31, 2022.

Poster must be submitted by 11:59pm Thursday April 14, 2022.

Poster file name: Name your poster file using the following format:

ProjectCode_student_last_names(all three students).PDF

Example of the poster file name: NP01 Bardeen Shockley Brattain.pdf

Make sure you use the format above or it will be rejected.

Make sure you verify the size of your poster. If you submit an incorrect size the printers will enlarge or shrink to fit, and it could make your poster look bad.

For Open House questions.

e-mail jkoch@ee.ryerson.ca. Or drop by my office ENG418.

Open House Information and Equipment Request Form

Information collected via this form will be used to place groups and prepare the Open House programme.

Project Information

Project Title: *	
Ladder iterative lo	ad flow Algorithm
Project Code: *	
this is a self-generat	ree- letter (in UPPERCASE), two-number designation; e.g. KU01, BV03, YAZ01. If ed project, please use your initials followed by 01. If you forgot your code please visit n.ca/capstone/topics.html
BV01	
Group Member	1 First Name: *
Muhammad	
Group Member	1 Last Name: *
Shirazi	
Group Member	2 First Name: *
If no more members	Enter N/A in both first and last name
Rehnuba	
Group Member	2 Last Name: *
Fairoj	
Group Member	

If no more members Enter N/A in both first and last name

Abrar	
Group Member 3	Last Name: *
Ahsan	
Group Member 4	First Name *
If no more members E	nter N/A in both first and last name
Parham	
Group Member 4	First Name *
Habibi	
FLC * Note: Names are not i	n alphabetical order. Scroll all the way down to Find your FLC
B. Venkatesh EL	E ▼
Topic Originator:	
Self, Partner(s), Name	e of Professor, Name of external source.
Bala Venkatesh	
Topic Category: *	
Biomedical	

	COE: Software Systems
	COE: Distributed Systems / Networking
	COE: FPGA / Reconfigurable Computing
\bigcirc	ELE: Consumer Products / Applications
•	ELE: Power
\bigcirc	ELE: Microelectronics
0	ELE: Signal Processing / Communcations
Photo	graphy Release: *
Picture: Ryerso	s/video taken of team/project during the Open House may be used in promotional materials by n.
•	Yes
	No
Equip	ment Needs: *
Do you	require any test equipment or computers from the labs?
	No - Continue to Special Requirements
	Yes - Continue to Equipment Selection
F '	ment Selection
⊏quip	ment delection
	per there is only so much room on a bench, please ask for only what you really need and will use.
Rememb	

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Bench Equipment - DC Power Supplies High Voltage/Current 60V/3A:

GW Triple Output (from ENG308) Select Quantity Required:

- 1

Bench Equipment - Multimeter:

Agilent Dual Display, Select Quantity Required:

Bench Equipment - Scope:

Keysight DSO-X 2024A, Select Quantity Required:

Bench Equipment - Function Generator:

GW Instek GFG8216A, Select Quantity Required.

	1
0	2
0	0
Com	puter Equipment - TI Module from ENG308:
0	1
\bigcirc	2
•	0
Com	puter Equipment - LCD Monitor
For te	puter Equipment - LCD Monitor ams bringing their own computer/laptop and need a monitor. Note: Lab Monitors only have VGA and onnectors, computer/laptops with HDMI video will not work unless you bring an adapter. Select ity Required:
For te	ams bringing their own computer/laptop and need a monitor. Note: Lab Monitors only have VGA an onnectors, computer/laptops with HDMI video will not work unless you bring an adapter. Select
For te	ams bringing their own computer/laptop and need a monitor. Note: Lab Monitors only have VGA an onnectors, computer/laptops with HDMI video will not work unless you bring an adapter. Select ity Required:
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Computer Equipment - Modules and Boards:

List all required equipment from ENG309 Undergrad Lab Equipment Not Listed Above: Scope Probes, Test Leads, Test Jigs, Keysight Scope with Function Generator Option, Equipment lent to you by Jim Koch Grad Lab Research Equipment - Other Department or External Company/Institution Equipment List equipment to be moved and where it is coming from. It is the team's responsibility to obtain permission from your FLC and the owner of the equipment before it can be moved. Your team will be		Keil MCB1700 (from ENG408)
TI Spectrum Digital (from ENG409) DE1-SoC (from ENG412) Other: Power Equipment - Lab Volt Modules List all required equipment from ENG309 Jndergrad Lab Equipment Not Listed Above: Scope Probes, Test Leads, Test Jigs, Keysight Scope with Function Generator Option, Equipment lent to you by Jim Koch Grad Lab Research Equipment - Other Department or External Company/Institution Equipment List equipment to be moved and where it is coming from. It is the team's responsibility to obtain Permission from your FLC and the owner of the equipment before it can be moved. Your team will be	\cup	DE2-115 (from ENG408)
Other: Other: Power Equipment - Lab Volt Modules List all required equipment from ENG309 Undergrad Lab Equipment Not Listed Above: Scope Probes, Test Leads, Test Jigs, Keysight Scope with Function Generator Option, Equipment lent to you by Jim Koch Grad Lab Research Equipment - Other Department or External Company/Institution Equipment List equipment to be moved and where it is coming from. It is the team's responsibility to obtain bermission from your FLC and the owner of the equipment before it can be moved. Your team will be	0	Spartan-3E (from ENG409)
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Special Requirements dditional, non-equipment related requirements.	Com List e permi respo conta	pany/Institution Equipment uipment to be moved and where it is coming from. It is the team's responsibility to obtain usion from your FLC and the owner of the equipment before it can be moved. Your team will be usible for moving the equipment the morning of the Open House. The lead group member should ut Jim Koch to arrange help with moving if necessary.

/22, 9:44 PM	Ryerson University Mail - 2022 Ryerson Engineering Day	
	Extra floor space for robots etc.	
	Keep away from other projects using Infra Red.	
	Keep away from other projects using wireless devices.	
	Other:	
Do yo	int Projects Placement: you need to be placed next to another team? Please list project code(s) and title(s) and at least one ntact name per team.	
the fo	Important!!!!!! You should receive a copy of the form, it gives you a link to edit orm as well as copy of your answers and the Poster info. Don't delete it you needed it.	
Create your o	own Google Form e	

Muhammad Shirazi <ahad.shirazi@ryerson.ca>

Thu, Mar 31, 2022 at 9:43 PM

To: Abrar Ahsan <abrar.ahsan@ryerson.ca>, Rehnuba Fairoj <rfairoj@ryerson.ca>, Parham Habibi <parham.habibi@ryerson.ca>

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