

CONCORDIA UNIVERSITY
Department of Electrical and Computer Engineering
ELEC 342 Discrete-Time Signals and Systems
Fall 2016

Laboratory Guidelines

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Lab Locations and Times:

| | | | | | |
|----------|---------|-------|-------|------|-----------------------|
| Lab UI-X | ---J--- | 17:45 | 20:30 | H815 | Mahdi Parhami |
| Lab UJ-X | -T----- | 11:45 | 14:30 | H815 | Mahdi Parhami |
| Lab UK-X | ---J--- | 10:15 | 13:00 | H815 | Prasanth Venkataswamy |
| Lab UL-X | -T----- | 17:45 | 20:30 | H815 | Prasanth Venkataswamy |

Facilities:

The ELEC 342 labs shall be held in room H-815. The MATLAB software is installed on the ENCS provided computers on both the Windows and Linux operating systems. You may use whichever operating system you wish. An ENCS computer account is required in order to access the computers. If you do not have an ENCS login name and password you may obtain one by visiting the ENCS Service Desk in room H-960.

Grading Scheme:

There are a total of 5 compulsory labs worth a total of 15%. A lab test shall be conducted towards the end of the semester and is worth 5%. More details concerning the lab test and its scheduling will be made available at a later date (towards the end of the semester). The lab test shall be conducted during the week of Nov. 28 - Dec. 2, 2016.

Lab Exemptions:

THERE ARE NO LAB EXEMPTIONS. "If you are repeating the course for any reason, you are required to redo all the lab experiments, to obtain new data, to write new lab reports (including the prelab), and to take and pass the lab test. You are NOT permitted to resubmit lab results or lab reports from a previous semester."

Lab Schedule:

The labs will be performed according to the following schedule:

| | Lab 1 | Lab 2 | Lab 3 | Lab 4 | Lab 5 |
|------|----------|---------|---------|---------|---------|
| UI : | Sept. 29 | Oct. 13 | Oct. 27 | Nov. 10 | Nov. 24 |
| UJ | Sept. 27 | Oct. 11 | Oct. 25 | Nov. 8 | Nov. 22 |
| UK | Sept. 22 | Oct. 6 | Oct. 20 | Nov. 3 | Nov. 17 |
| UL | Sept. 20 | Oct. 4 | Oct. 18 | Nov. 1 | Nov. 15 |

The ELEC 342 labs are bi-weekly labs. Week 1 is the first full week of classes. Labs commence the week of Sept. 19, 2016 which is a Week 2 session:

```

September 2016
Su Mo Tu We Th Fr Sa
      1  2  3
  4  5  6  7  8  9 10
11 12 13 14 15 16 17  => first full week of term defines Week 1
18 19 20 21 22 23 24  => first lab for Week 2 sessions
25 26 27 28 29 30    => first lab for Week 1 sessions

```

HOW TO IDENTIFY WEEK (1) OR WEEK (2) LABS:

The new SIS system does not indicate WEEK (1) OR WEEK (2) lab sessions. Rather, it lists the dates that each lab is to be performed. To avoid any possible confusion, we will be using the following WEEK (1) and WEEK (2) schedule:

```

Lab UI = Week 1
Lab UJ = Week 1
Lab UK = Week 2
Lab UL = Week 2

```

Lab Documentation:

A set of 5 PDF files shall be made available in the directory :

```
/groups/e/elec342_2
```

This directory is available directly from the Linux systems, and is also available on the S: drive of the lab PCs under Windows. Select the My Computer desktop icon and choose the:

```
groups_unix
(\\file-groups\V_groups) S:
```

and then navigate to e and select the elec342_2 folder.

Ask your lab instructor for help if you require assistance in printing or viewing the files.

Lab Reports:

The labs will be performed individually. The reports are to be unique and individual and consist entirely of original work. Include the following information in your lab report:

Name and ID number
Course number and Lab Section
Date performed
Due Date
Lab Instructor Name

The MATLAB programs are to be demonstrated to the lab TA and a printout of your MATLAB code and/or results is to be signed by the lab TA. Your lab TA will provide more specific details with regards to the demonstration and signing of the printouts during each lab session. Your lab instructor will also provide details concerning the submission of the written lab report.

Policy on Academic Integrity:

All submitted work is expected to be original.

Any incident of academic misconduct will be dealt with according to the Academic Calendar. No exceptions. Refer to the calendar section 17.10. for further details.

A quick summary of what constitutes plagiarism and what are the consequences can be found at:

<http://www.concordia.ca/info/currentstudents/academicintegrity>

Expectation of originality forms:

Students should submit a signed copy of the Expectations of Originality Form at the beginning of the semester to the instructor. Then the student should write on the front page of each lab report "**I certify that this submission is my original work and meets the Faculty's Expectations of Originality**", with his or her signature, I.D. #, and the date.