

# CAS 741, CES 741 (Development of Scientific Computing Software)

Fall 2017

## 22 Assurance Case

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# Assurance Case

- Administrative details
- Questions?
- License and copyright

# Administrative Details

- MIS Marking Scheme
  - ▶ Not all of the spec has to be formal
- Course evaluation
  - ▶ Nov 23 to Dec 7
  - ▶ <https://evals.mcmaster.ca>

# Administrative Details: Deadlines

<b>MIS</b>	Week 11	Nov 29
<b>Impl. Present</b>	Week 12	Week of Nov 27
Final Documentation	Week 13	Dec 6

# Administrative Details: Presentation Schedule

- Impl. Present
  - ▶ **Tuesday: Alexander S., Steven, Alexandre P.**
  - ▶ **Friday: Jason, Geneva, Yuzhi**

# Questions?

- Questions about ...

# No License?

- Can others use your work if you do not include a license?
- [See this link for the answer](#)

# Copyright

- Your work is automatically afforded protection by copyright law
  - ▶ You cannot infringe on someone else's copyright
  - ▶ Must be some creativity
- Additional protection through registration with the copyright office
- Copyright does not apply to the idea, but the expression of the idea
- Trademarks and patents cover concepts and ideas
- In work for hire, copyright belongs to employer
- You can assign your copyright to someone else or a corporation



# Rights

- Owner has full and exclusive rights to control who may copy or create a derivative work
- Right to sue for copyright infringement

# Licensing

- Permission to others to reproduce or distribute a work
- License are distinguished by the restrictions (conditions)

# Proprietary License

- Copyright holder retains all rights
- Cannot copy
- Cannot use
- Cannot modify

# GNU General Public License (GPL)

- Can copy the software
- Can distribute the software
- Can charge a fee to distribute the software (which will still include the license information)
- Can make modifications
- Condition – all modifications/uses are also under GPL, source code must be available
- Lesser GPL allows to link to libraries, without automatically falling under GPL conditions

# GNU Questions

- Question 1
  - ▶ You modify some Linux source files to install Linux on your embedded device
  - ▶ You write software to run on this new Linux “box”
  - ▶ What software falls under the GPL?
  - ▶ [Answer](#)
- Question 2
  - ▶ You want to distribute object code compiled by gcc, where gcc is under GPL
  - ▶ Is your object code under GPL?
  - ▶ [Answer](#)

# BSD and MIT

- Removes “virus” from GPL
- Can copy, distribute, charge a fee, make modifications
- Under the condition that you keep the license intact, credit the author
- Not required to disclose source
- Use at your own risk (cannot sue)

# Public Domain

- Do what you want with the code
- No conditions

# Copyright and License Related Links

- [Developer's guide to copyright law](#)
- [Summary of licenses](#)
- [Main types of licenses](#)
- [Choose a license](#)
- [Another summary](#)
- [Plain English summaries](#)



# References I