CS 280 Final Exam: D. Hepting
April 24, 2019, 09:00 – 12:00, CL 127

- ***Be sure to read ALL the instructions BEFORE writing anything***. This is a closed book exam. You must maintain the confidentiality of your examination; do not provide any opportunity for others to copy any of your work. Electronic devices are NOT permitted during the exam. Please turn off and put away all cell phones and other electronic devices during the exam period.
- ***All answers must be written on this exam in the space provided***. You have 180 minutes to complete the exam. Please plan your answers, favour quality over quantity, do not exceed the space provided, and do your best to write legibly. Space ***OUTSIDE*** the boxes can be used for rough work.
- This exam contributes 35 percent towards your final grade. Recall that you ***must pass*** this exam to pass the course. The marks for each question are indicated in [**brackets**].

Name (printed): _____

Signature: _____

Q1.   What is (the) ACM? [**2**]

☐ Association of Computing Machinery
☐ Advanced Case Management
☐ Association for Computing Machinery
☐ Abstract Control Model

Q2.   What is MCAS? [**2**]

☐ Manitoba Comprehensive Assessment System
☐ Maneuvering Characteristics Augmentation System
☐ Mobile Community Ability Scale
☐ Master of Computer Applications and Systems

Q3.   What is a Norman Door and why is it a sign of trouble? [**4**]

Q4.   For what is CIPS an abbreviation (or acronym)? [**2**]

C_____ I_____ P_____ S_____

Q5. What is most concerning to you about the Boeing 737 Max MCAS controversy? [**2**]

Q6. Do you think that an oath is required for some or all computer professionals? [**2**]

What is the most important thing to include (or not) in such an oath and why? [**2**]

Q7. What positive aspects or implications of computing would you like to see receive more critical attention? [**4**]

Q8.   What negative aspects or implications of computing would you like to see receive more critical attention? [**4**]

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Q9.   What are our rights and responsibilities, with respect to ourselves and future generations? Include consideration of the distinction between claim and liberty rights. [**4**]

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Q10.   Give an example of a fallacy and explain it. [**2**]

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Q11.   "Information wants to be Free. Information also wants to be Expensive. That tension will not go away." Explain what this means to you. [**4**]

Q12.   What do you take away from this semester? [**4**]

Q13.   How do you act in order to uphold the public interest? [**2**]

Q14. If you are asked to design a fire dispatch system that protects your community and saves money, how would you go about it? What questions would you ask? How would you measure success? [**8**]