

## HW1 Science of Security

**Due: 11:59 pm on Thursday September 9, 2021**

Read papers related to the Science of Security (SoS) at GeorgiaVIEW -> Content -> Week 2&3 -- Science of Security. Answer the following questions.

- (30 points) What is the Science of Security?
  - What are its focuses? (15 points, at least 30 words)
  - What techniques does it rely on? (15 points, at least 30 words)
- (40 points) What the difference between the Science of Security and traditional cybersecurity?
  - What is SoS's unique power or potential? (15 points, at least 30 words)
  - How does SoS build its divergent foundation? (15 points, at least 30 words)
  - What are the advantages of SoS? (10 points, at least 30 words)
- (30 points) What are the most detrimental two problems of traditional cybersecurity?
  - 15 points each problem
  - At least 30 words for describing each problem

**Note:**

- Using your own words, do NOT copy and paste from other sources.
- **Turnitin will be used to check similarity.**
- Particularly avoid similarity with your fellow student. Extraordinary similarity will be penalized with 50% deduction.