



**IT 747-OL**

**Cybersecurity in the  
Systems Lifecycle**

**Syllabus & Class Overview**

**Dr. Ibrahim Waziri Jr.**

Summer 2020

# Class, Instructor Details & Resources

## Class Details

- **Course:** IT 747-OL – Cybersecurity in the System Lifecycle
- **Credit Hours:** 3
- **Days, Time & Room:** Fully Online – Individual Contribution (Asynchronous)
- **Expectations:** High-level (PhD); different pre-req; interdisciplinary; ~ 4hrs/week.

## Instructor Details & Contact

- **Office Hours:** Based on appointment
- **Text Phone:** [REDACTED] **(best)**
- **Email:** [REDACTED]
- **Canvas:** InMail

## Resources

- **Books:** None
- **Class Website and Tools:**
  - [Turnitin](#)
  - Canvas
  - Zoom
  - [GitHub Repo](#) for source files
- **Research Tools & Resources:** [Marymount Library](#) and other academic sources

# Expectations & Activities

## Introductions

- Introduce yourself – everyone must introduce themselves before any of their class activity is graded.
- Review syllabus and ask questions.
- Learn/know how to use/navigate the class canvas
- Ensure access to Turnitin
- Ensure access to Marymount's Library etc.
- Select your appointment slots
- Submit final class evaluation – (end of semester)

## Participation

- Individual Contribution – (Asynchronous Online Class)
- Collaboration with others not expected
- 1:1 with professor not expected, but professor is available is required

## Activities

- Weekly Topic Summary
- Final Research Paper

# Activity: Weekly Topic Summary

Identify one paper (only one) based on the week's topic - The publication, white-paper, or report **must**:

- Be an academic peer-reviewed research publication (from a credible research source) such as Scopus, IEEE Xplore etc. or a white paper/report from a high-profile organization – Contact Marymount Library for access to academic resources and services.
- Be no more than 2 years old – So it **must be** published on or after January 01, 2018

Your submission **must**:

- Reflect the week's lecture topic. (If you are currently working on a research, I will be happy to work with you and map these topics to your current research)
- Summarize the identified publication, white-paper, or report from end to end highlighting key points.
- Be between 350 - 400 words (excluding images, and paper citation), following the format presented in the Topic Summary – Review Paper Format. Format is available on Canvas.
- Not be a copy and paste. I will upload your paper to Turnitin before grading. If your paper is above **10% similarity index** it will automatically receive a **0 grade**. – You have access to Turnitin. Use the Turnitin credentials to access the class/module space.
- Be uploaded to Canvas in **.docx** format by the final due date
- Be Typo and grammar-error free.

Topic summary:

- Will **be 50% of total grade** - There will be 10 weekly topic summaries and each carries **5 points**.
- Are due on **Friday 07/31 at 6:30PM**. (There will be no extension to this, because summer classes ends on Saturday 08/01 at 11:59AM)

# Activity: Final Research Paper

- Identify a research topic related to class topics
- Identify a journal, conference or any credible academic repository to submit final paper
  - Links are available on Canvas to help you identify calls for papers
- Identify publication format based on journal or conference requirements
- All uploads (to Canvas) must be in .docx format
- Research Paper will be **50% of total grade**

Task	Due Date	Grade
Submit brief description of your research topic – no more than half page	Upload to Canvas – Due 05/29 at 6:30PM	5 points
Submit the name and link of identified journal, conference or academic repository – You should include all the submission requirements including dates	Upload to Canvas – Due Fri 06/05 at 6:30PM	5 points
Submit research paper progress (optional)	Upload to Canvas by Fri 06/26 at 6:30PM if you want feedback	-
Submit draft research paper (in journal/conference paper format)	Upload to Canvas – Due Friday 07/10 at 6:30PM – feedback will be provided by the following Monday	10 points
Submit final version for final approval	Upload to Canvas – Due Fri 07/24 at 6:30PM	20 points
Submit final research paper to journal/conference	Upload to final submission evidence (screenshot) to Canvas, and forward final submission confirmation email to professor's email - <b>Due Fri 07/31 at 6:30PM</b>	10 points
<b>TOTAL POINTS</b>		50 points