

# **Syllabus & Class Overview**

**Spring 2020**

**IT 727-A & OL – Managing  
Cybersecurity Risk**

**Dr. Ibrahim Waziri Jr.**

## Class & Instructor Details

### Class Details:

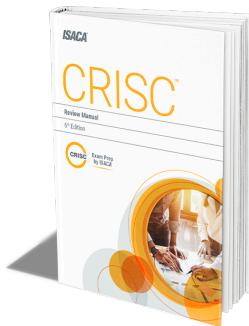
- Course: IT727-A – Managing Cybersecurity Risk (Advanced)
- Credit Hours: 3
- Days, Time & Room: Monday, 6:30 – 9:15PM, Ballston Room 4094
- Expectations: High-level (PhD); different pre-req; interdisciplinary; additional 4 to 7 hours each week.

### Instructor Details & Contact:

- Office Hours: Based on appointment
- Text Phone: [REDACTED]
- Email: [REDACTED]
- Canvas: InMail (erh 😞 – expect late response)

## Resources

### Books



**Required** - ISACA CRISC: Review Manual, 6th Edition, Certified in Risk and Information Systems Control - An ISACA® Certification. (2015)

- ISBN-13: 978-1604203714
- ISBN-10: 1604203714

**Optional** - Official (ISC)2 Guide to the CAP CBK, 2nd Edition - Patrick D. Howard

- ISBN-13: 978-1439820759
- ISBN-10: 1439820759



### Guidance & Templates

- [NIST 800 Series Special Publications](#)
- Templates – to be provided

## Expectations & Activities

- Introductions & Active Participation
- High-Level Lectures – Overview (boring to some 😞)
- Quizzes (critical reasoning)
- Practical Activities (NIST RMF - ATO Process)
- Weekly Security Questions, Answers & Report
- Weekly News Report, Comments & Moderation
- Lecture Report
- Final Exams

## Introductions, Lectures & Evaluation

- Introductions & Active Participation
  - Introduce yourself – In class & Canvas
  - Get the textbook(s) before Module 1
  - Learn/Know how to use Canvas
  - Select your participation weeks
  - Submit Final Class Evaluation – (end of semester)
- High-Level Lectures – Overview (boring to some ☹)
  - High-level overview – slide/decks (Module 1 – 10)
  - Discussions on current security topics etc.
  - Policy, politics and geography – Respect and be civil to each other. Avoid bringing your personal views.

## Quizzes

- 4 Quizzes – Module 1-4
  - Critical reasoning
  - Module 1 – 4 only
  - Available after every module
  - 10 questions
  - 1 attempt
  - 15 minutes
  - Multiple choice, fill-in-the-blank, and/or drag and drop
  - 20% of grade – 5% each
  - Due **04/20 at 6:29PM** (there will be no extension to this, because we need to review the questions)

## Practical Activities (NIST RMF - ATO Process)

- 6 Activities – Module 5-10
  - Based on NIST RMF
  - Available after every module
  - 1 attempt but I can give feedback
  - All 6 activities graded at once – ATO Approval
  - 30% of grade – 5% each
  - Due **04/20 at 6:29PM**

## Weekly Security Questions & Review

- 10 Security Questions (Module 1 – 10)
  - Question ask by professor every week after class
  - All students (but reviewer) answer questions as comments
  - Reviewer (student) reviews everyone's answer and write a report. – [Select your review week using Google Sheet on Canvas Resources](#)
  - 14% of grade

**Instructions:**

Commenters	Reviewer
Answers question with 150-200 words ( <a href="#">not more or less</a> ) as a comment on canvas.	Reviews everyone's answer and write up a report of at least 1,300 to 1,500 words (excluding citations and abstract) – This is a report, not response to answers.
Commenters should not reply to other commenters – only answer the question.	<ul style="list-style-type: none"> <li>• Report should have a flow, and not copy &amp; paste.</li> <li>• Report should be in APA format – A template is available in Canvas resources.</li> <li>• Report should be typed and saved as pdf and uploaded to canvas (<a href="#">comment section not grader</a>) as an attachment.</li> <li>• Review should <u>NOT</u> comment/answer during their review week</li> </ul>
3 references: (at least 1 academic, 1 expert)	10 mins Report brief (depending on time)
Every week – 9 times	Only once – On your assigned week.
9% of grade.	5% of grade.
Due on <a href="#">Friday at 12:00PM</a> (4 days after question is posted)	Due on following <a href="#">Monday at 6:00PM</a> . Reviewer can only begin after Friday 12:00PM.

## Weekly Security News

- 10 Security News (Module 1 – 10)
  - Initial News posted and moderated by student (Primary Reporter) - [Select your news report week using Google Sheet on Canvas Resources](#)
  - All students comment on the news, no research needed, just views/opinions/experience
  - 14% of grade

**Instructions:**

News Reporter	News Commenters
Reporter finds a current security news (not more than 2 weeks old) and shares with the class on the news board.	Everyone (but the reporter) should respond with their view/opinions/experience related to the news.
<ul style="list-style-type: none"> <li>• The reporter should summarize the news report to 75 – 100 words.</li> <li>• A link to the original credible news source should be added to the end of the summary</li> <li>• <b>There is no report or format</b></li> </ul>	<ul style="list-style-type: none"> <li>• Commenters <u>can</u> (not must) ask and reply questions related to the news.</li> <li>• Simplistic response like “Oh, this is great” is not a news response, it must be in-depth and thoughtful.</li> </ul>
The reporter should moderate the news board for the entire week and respond to questions are asked.	
Only once – On your assigned week.	Every week – 9 times
5% of grade.	9% of grade.
News should be reported by <b>Tuesday at 6:00 PM PM</b> (a day after question is posted)	Due on following <b>Monday at 6:00PM</b> . Commenters can only respond when news is posted.

## Lecture Report - Finals

### 1 Report – Module 12

- Professor will suggest an interesting topic related to security – This could be a lectures, symposium, conference etc. (It will be free with a webinar option)
- Students will write a report based on the topic.
- The report should be between 1,300 to 1,500 words (excluding citations and abstract)
- APA format – template available in Canvas Resources
- The report will be uploaded to **TurnItIn** (TurnItIn details will follow later)
- 10% of grade
- Report will **open 04/14 at 6:30PM** and **close 05/04 at 6:30PM**

## Final Exams

### 1 Final Exams – Module 13

- Same instructions quizzes
- Open everything !!!
- 10 to 20 questions.
- 10 % of final grade
- Final Exams will **open 05/04 at 12:00AM** and **close 05/08 at 11:59AM**

## Extra Work

- Extra work will depend on the performance of the entire class

## Due Dates, Grades, Grade Range & Availability

Deliverable	Module	Total Points	Due Date	Grade	Range
Introduction, Participation & Evaluation	0 – Kick off	2 points	-	A	90 – 100%
Quizzes x 4 – 5 points each	1 to 4	20 points	<b>04/20 – 6:29PM</b>	B	80 – 89.9%
Practical Activities x 6 – 5 points each	5 to 10	30 points	You will be unable to submit anything after the date – all the modules will automatically close)	C	70 – 79.9%
Weekly Security Questions • Answers x 9 – 1 point each • Review/Report x 1 – 5 points	1 to 10	14 points	<ul style="list-style-type: none"> <li>Comments: <b>Friday at 12:00PM</b> (4 days after question is posted)</li> <li>Review: <b>Monday at 6:00PM</b>. Reviewer can only begin after Friday 12:00PM.</li> </ul>	F	Below 70%
Weekly News • Comment x 9 – 1 point each • News Report x 1 – 5 points	1 to 10	14 points	<ul style="list-style-type: none"> <li>News should be reported by <b>Tuesday at 6:00 PM PM</b> (a day after question is posted)</li> <li>Due on following <b>Monday at 6:00PM</b>. Commenters can only respond when news is posted.</li> </ul>		
Lecture Report x 1 – 10 points – <b>(TurnItIn!!!)</b>	12	10 points	<ul style="list-style-type: none"> <li>Opens: <b>04/14</b></li> <li>Closes: <b>05/04 at 6:30PM</b></li> </ul>		
Finals	13	10 points	<ul style="list-style-type: none"> <li>Opens: <b>05/04 at 12:00AM</b></li> <li>Closes: <b>05/08 at 11:59AM</b></li> </ul>		
Total Points		<b>100 points</b>			