**CYBR 201: Web Technologies Essentials: Security and Design**

3 Credits

**Semester:** Spring 2025

**Day/Time:** Monday 6:00-8.50 PM

**Location:** Massry School of Business 213

**Instructor:** Crystal Jones-Howe

**Contact:** cjones-howe@albany.edu

**Office Hours:** As requested,

**Office Location:** online

**Office Hour Zoom:** as requested

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| **Criteria** | **Exceeds Expectations**  **(10 pts)** | **Meets Expectations**  **(8 pts)** | **Approaching Expectations**  **(6 pts)** | **Below Expectations (4 pts)** | **Not Demonstrated**  **(0 pts)** |
| **Understanding of Web Security Concepts** | **Demonstrates in-depth understanding of web security principles; applies terminology and concepts like encryption, certificates, threats, and defenses accurately** | **Demonstrates clear understanding of basic concepts with minor inaccuracies** | **Demonstrates partial understanding; some confusion or misuse of terminology** | **Demonstrates minimal understanding; many misconceptions** | **No understanding demonstrated** |
| **Explanation of DNS and HTTPS** | **Thorough, accurate explanation with clear examples and visual aids or demonstrations** | **Accurate explanation with appropriate examples** | **Basic explanation with some inaccuracies or vague examples** | **Incomplete or unclear explanation** | **Not addressed** |
| **Project Presentation / Organization** | **Organized, engaging, and easy to follow; effective use of visuals and/or demos** | **Clear structure and flow; visuals present but not fully utilized** | **Some disorganization: transitions unclear; visuals need improvement** | **Disorganized or confusing; poor visual support** | **Not presented** |
| **Creativity and Innovation** | **The project introduces unique ideas, tools, or approaches to** | **The project shows creativity in structure or examples** | **Limited creativity; mostly standard approach** | **Minimal effort to personalize or innovate** | **No creative elements** |
| **Citations and Research (Team Project)** | **Cites 3+ high-quality, relevant sources; proper formatting** | **Cites at least 2 relevant sources with proper formatting** | **Includes some sources but lacks relevance or formatting** | **Few or no sources cited; not formatted correctly** | **No sources used** |

**Total Points: \_\_\_ / 80**

**Grading Scale:**

**A (72–80): Outstanding understanding and application**

**B (64–71): Solid work with minor issues**

**C (56–63): Satisfactory but needs improvement**

**D (48–55): Limited understanding or effort**

**F (<48): Incomplete or missing major components**