***Tentative Course Schedule***

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| --- | --- | --- | --- | --- |
| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| Week 1,  Day 1: |  | 1/11  Classes Start | 1/12  First class!  Chapter 1  (Introductions) |  |
| Week 2,  Days 2 & 3: | 1/17  Chapter 1  (Introductions) |  | 1/19  Chapter 2  (Classical Cryptography) |  |
| Week 3,  Days 4 & 5: | 1/24  Chapter 3  (Shannon’s Theory, etc) |  | 1/26  Chapter 3  (Shannon’s Theory, etc) |  |
| Week 4,  Days 6 & 7: | 1/31  Chapter 2  (Classical Cryptography)  *\*Virtual (asynchronous)\** |  | 2/2  Cryptography Ethics  *\*Virtual (asynchronous)\** |  |
| Week 5,  Days 8 & 9: | 2/7  Chapter 4  (Block Ciphers and Stream Ciphers)  *\*Virtual (asynchronous)\** |  | 2/9  Chapter 4  (Block Ciphers and Stream Ciphers) |  |
| Week 6,  Days 9 & 10: | 2/14  Chapter 5  (Hash functions and Message Authentication) |  | 2/16  Chapter 5  (Hash functions and Message Authentication) |  |
| Week 7,  Days 10 & 11: | 2/21  Chapter 6  (RSA and factoring) |  | 2/23  Chapter 6  (RSA and factoring) | 2/24  [Clemson MFA!](https://sites.google.com/view/mathforallnola/satellite-conference/clemson-sc?pli=1) |
| Week 8,  Days 11 & 12: | 2/28  Chapter 7  (Public Key and DLP) |  | 3/2  Chapter 7  (Public Key and DLP) |  |
| Week 9,  Days 12 & 13: | 3/7  Chapter 8  (Signature Schemes) |  | 3/9  Chapter 8  (Signature Schemes) |  |
| Week 10,  Days 14 & 15: | 3/14  Chapter 9  (PQCrypto—Lattice-Based) |  | 3/16  Chapter 9  (PQCrypto—Lattice-Based)  *\*Virtual Class (Synchronous)\** | 3/17  Last day to withdraw |
| Week 11 | 3/21  *\*\*No class* | **SPRING BREAK** | 3/23  *No class\*\** |  |
| Week 12,  Days 16 & 17: | 3/28  Chapter 9  (PQCrypto—Code-Based) |  | 3/30  Chapter 9  (PQCrypto—Code-Based) |  |
| Week 13,  Days 18 & 19: | 4/4  Chapter 9  (PQCrypto—Multivariate) |  | 4/6  Presentations 1 |  |
| Week 14,  Days 20 & 21: | 4/11  Chapter 10  (Identification Schemes) |  | 4/13  Presentations 2 |  |
| Week 15,  Days 22 & 23: | 4/18  Chapter 11  (Key Distribution) |  | 4/20  Presentations 3 |  |
| Week 16,  Days 24 & 25: | 4/25  Presentations 4 |  | 4/27  Presentations 5 |  |
|  |  | 5/3  3-5:30pm: Presentations 6 (virtual)  Final Portfolio due! |  |  |