

CpS 481
Applied Cybersecurity
Spring 2026

Instructor:	Alan Hughes	Co-Instructor:	Jordan Jueckstock
Office:	AL 76 (3 rd floor, east hall) T 10am-4pm	Office:	AL 76 (3 rd floor, east hall)
Office Hours:	MWThF 10-10:50am (all appointment only)	Office Hours:	MTWF 11:45am-12:35pm (others appointment only)
Email:	ahughes@bju.edu	Email:	jpjuecks@bju.edu

Course Description:

Requires the application of accumulated security knowledge to apply best practices in a variety of contexts. Course projects, including documentation, are intended to help the student transition from the classroom to the workplace.

Course Context:

The activities in this course are intended to provide a cumulative, holistic expansion of all five (5) Cybersecurity Program Learning Outcomes, with assessment focused on Cy2 ("Design, implement, and evaluate a secure computing solution").

Course Goals:

The goals this semester are for participating students to

- Identify and plan an appropriately scoped technical research/development project strongly related to core program topic/problem areas
- Demonstrate sustained and consistent competence at making and documenting progress and at taking responsibility for agenda-setting during regular meetings with faculty mentor(s)
- Deliver the contracted project deliverables on time and according to specification
- Demonstrate critical thinking and reflection in self-evaluating the results of the project and the learning experience it provided

Schedule:

- **Weekly** graded student/mentor meetings at a time/place arranged per-student
- Project contract document due for instructor review: **5pm, Tuesday, February 17, 2026**
- Final project deliverables due for instructor review: **midnight, Friday, May 1, 2026**
- Final reflection essay due for instructor review: **midnight, Tuesday, May 5, 2026**

Grading:

- Weekly meetings assessed for good preparation and consistent progress on deliverables **[20%]**
- Project contract assessed for specificity of scope/sequence and clarity of success criteria **[15%]**
- Project deliverables assessed according to criteria agreed upon in project contract **[50%]**
- Final reflection essay assessed according to rubric/criteria posted by instructor(s) **[15%]**

Copyright Policy:

Copyright 2026 Jordan Jueckstock as to this syllabus. Students are prohibited from selling (or being paid for taking) notes during the course to, or by any person, or commercial firm without the express written permission of the professor teaching the course.