#1. INVENTORY OF SENSITIVE DATA
1a. Develop and issue survey
1b. Data Classification and Protection Standard
1c. Inventory of Sensitive Data Survey

#2. SERVER ADMINISTRATION
2a. Data center and co-location center plan
2b. System and application checklist procedure
2c. Server Security Standard (with logging and encryption requirements)
2d. List of decentralized servers outside data centers
2e. Rec to transition the BAY file storage server to the cloud with encryption

#3. VULNERABILITY MANAGEMENT
3a. Vulnerability Management Standard (timeline and enforcement)
3b. Quarantine procedures
3c. Vulnerability exception procedure
3d. Data center migration strategy
3e. Scanning summary and risk acceptance
3c1. Full implementation vulnerability management

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**KEY**
- ● project start
- ❧ fully implemented
- □ implementation phase
### 4. Firewall Settings

**4a. Firewall review procedures (evaluation and implemented changes)**

- 2015 Q1, Q2, Q4
- 2016 Q1, Q3
- 2017 Q3
- 2018 Q1, Q2, Q3

**4b. Implementation of findings**

- 2015 Q4
- 2016 Q1, Q3
- 2017 Q1
- 2018 Q1

### 5. Web Application Development

**5a. Application Security Standard**

- 2015 Q1, Q2, Q4
- 2016 Q1, Q3
- 2017 Q4
- 2018 Q1, Q2, Q3

**5b. Web application development procedures**

- 2015 Q4
- 2016 Q1, Q3
- 2017 Q1
- 2018 Q1, Q2, Q3

**5c. Web application vulnerabilities scanning and remediation**

- 2015 Q1, Q2, Q4
- 2016 Q1, Q3
- 2017 Q4
- 2018 Q1, Q2, Q3

**5c1. 2016, 2017, 2018 Review of web development standards**

- 2015 Q1
- 2016 Q1, Q3
- 2017 Q1
- 2018 Q1, Q2

### 6. Desktop Software Management

**6a. SCCM contract**

- 2015 Q1
- 2016 Q2, Q3
- 2017 Q1
- 2018 Q4

**6b. CASPER contract**

- 2015 Q4
- 2016 Q1, Q3
- 2017 Q1
- 2018 Q1, Q2

**6c. Software licensing review contract**

- 2015 Q3
- 2016 Q1
- 2017 Q2
- 2018 Q4

**6d. Bit9 implementation procedure**

- 2016 Q1
- 2017 Q2
- 2018 Q4

**6e. Implementation of SCCM and CASPER**

- 2015 Q2, Q3
- 2016 Q1
- 2017 Q2
- 2018 Q4

**6f. Plan for limiting elevated access**

- 2016 Q2
- 2017 Q3
- 2018 Q4

**6g1. Implementation of SCCM and CASPER**

- 2015 Q1
- 2016 Q2
- 2017 Q3
- 2018 Q4

### 7. Password Standards

**7a. RFP and P.O. For Identity Management**

- 2015 Q1
- 2016 Q2
- 2017 Q3
- 2018 Q4

**7b. Unauthorized directory services were removed from the network**

- 2015 Q1
- 2016 Q2
- 2017 Q3
- 2018 Q4

**7c1. Implementation of password standards**

- 2015 Q1
- 2016 Q2
- 2017 Q3
- 2018 Q4
#8. INTERNET THREAT MANAGEMENT
8a. CO letter supporting implementation of Palo Alto network’s intrusion detection
8b. Purchase order for Aruba supporting NAC at the edge, wireless, and wired
8c. Intrusion Detection implementation plan (pending CO implementation plan)
8d. NAC implementation plan
   8d1. Palo Alto moduled implementation
   8d2. NAC implementation schedule (IRES, SA, Bus & Finance, Advancement, RF, RESP)

#9. PAYMENT CARD INDUSTRY STANDARD
9a. Credit card acceptance procedures
9b. PCI-DSS security standard
   9b1. 2016, 2017, 2018 self assessments

#10. INCIDENT REPORTING
10a. Incident response procedure
10b. Updated property form
10c. Property manual section #3

#11. TRANSFER OF PROTECTED DATA
11a. Property transfer and reassignment procedures

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KEY
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### #12. REVIEW OF SECURITY EVENT LOGS

1.1 Log management dashboard
12a. Log management standard
12b. Log review procedure
12c. Summary decentralized log management
12d. Full implementation of log review procedure

### #13. USER ACCESS PRIVILEGES

13a. Purchase order for the PeopleSoft external assessment supporting protected data
13b. PeopleSoft access authorization procedures
13c. RFP and PO and vendor agreement for IAM Identity Management to address password security
13d. RFP and PO and vendor agreement for PAM Identity Management
13d1. Full implementation of IAM

### #14. IDENTITY VALIDATION

14a. Vendor management standard
14c. PO and vendor agreement for IAM Identity Management to Address Password Security
14d. Full implementation of vendor management
14d1. Full implementation of vendor management

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**KEY**
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- ■ fully implemented
- □ implementation phase
### #15. PRIVILEGED ACCESS

| 13c. RFP and PO and vendor agreement for IAM Identity Management to address password security | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| 13d. RFP and PO and vendor agreement for PAM Identity Management |  |  |  |  |  |  |  |  |  |  |  |  |
| 13d1. Full implementation of PAM |  |  |  |  |  |  |  |  |  |  |  |  |

### #16. SECURITY AWARENESS TRAINING

| 16a. Employed students full compliance | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| 16b. Employed staff full compliance |  |  |  |  |  |  |  |  |  |  |  |  |
| 16c. Faculty compliance or risk acceptance |  |  |  |  |  |  |  |  |  |  |  |  |
| 16c1. 2016, 2017, 2018 Review for compliance or risk acceptance |  |  |  |  |  |  |  |  |  |  |  |  |

### #17. CONFIDENTIALITY AGREEMENTS

| 17a. Employed students full compliance | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| 17b. Employed staff full compliance |  |  |  |  |  |  |  |  |  |  |  |  |
| 17c. Faculty compliance or risk acceptance |  |  |  |  |  |  |  |  |  |  |  |  |
| 17c1. 2016, 2017, 2018 Review for compliance or risk acceptance |  |  |  |  |  |  |  |  |  |  |  |  |

#### KEY

- ● Project start
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#18. RECORD RETENTION AND DISPOSAL

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 18a. Records retention plan |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 18b. Records retention training materials |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 18c. Records retention milestones |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 18d. Records custodians’ survey for compliance |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 18e. Records custodians’ dashboard |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 18e1. 2016, 2017, 2018 Review for retention practices |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

#19. REMOTE ACCESS TO CAMPUS SYSTEMS

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 8a1. Implement suite of applications |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 13a. Purchase order for the PeopleSoft external assessment supporting protected data |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 13b. PeopleSoft access authorization procedures |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 19a. NAC implementation plan |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

#20. CLOUD COMPUTING POLICY

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 20a. Draft cloud computing policy |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

#21. EMAIL POLICY

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 21. Email policy published |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

Calendar Year

|   | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 2015 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2016 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2017 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
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