

**Eastern Kentucky University**  
**Department of Computer Science**  
**INF 318 Mobile Device Security and Privacy**  
**CRN: XXXXX**

**I. General Information**

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Phone: (859) 622-1925  
Office: Wallace 412  
Office hours: MW: 9:00am – 10:00am; TR 10:00am – 12:00 pm (or by appointment)  
Course page: <http://www.eku.edu/onlinelearning/> (EKU Blackboard)

**II. Course Description:**

**INF 318 Mobile Device Security & Privacy (3) A.** Formerly CSC 318. Prerequisite: ENG102, 105(B), or HON 102. Introductory course on mobile device security and privacy. Topics include mobile devices including smart phones, tablets and others; mobile device threats; mobile device security including planning and implementation; mobile device privacy. Credit will not be awarded to students who have credit for CSC 318.

**III. Required Text:**

Mobile Device Security for Dummies, Rich Campagna, Subbu Iyer and Ashwin Krishnan, Wiley, 2011, ISBN: 978-0-470-92753-3  
Supplemental materials may be provided in the form of lecture notes.

**IV. Student Learning Outcomes:**

**INF 318 common learning outcomes:**

Upon successful completion of this course, the students should be able to:

1. Identify the basics of mobile device and its security
2. Describe the common mobile device threats
3. Describe mobile device related privacy issues
4. Demonstrate the ability of creating and implementing mobile device security policy
5. Demonstrate the ability of securing mobile device access and protecting mobile device individually

**V. Course Topics:**

1. Introduction to mobile devices
2. Mobile device threats
3. Planning for mobile device in the enterprise
4. Creating mobile device security policy
5. Managing and controlling mobile device
6. Securing mobile device access through VPNs
7. Securing mobile device access through Wi-Fi networks
8. Securing mobile device individually
9. Mobile device privacy
10. Protect against loss and theft

**Course Outline and Approximate Schedules**

Week		Topics
<b>Week 1</b>	Aug. 19	Introduction to Mobile Devices
<b>Week 2</b>	Aug. 26	Mobile Device Threat
<b>Week 3</b>	Sept. 2	Planning for Mobile Devices in the Enterprise
<b>Week 4</b>	Sept. 9	Mobile Device Security Policies

<b>Week 5</b>	Sept. 16	Creating Mobile Device Security Policies & Managing and Control Mobile Devices
<b>Week 6</b>	Sept. 23	Managing and Control Mobile Devices
<b>Week 7</b>	Sept. 30	Conforming to Corporate Compliance Policies
<b>Week 8</b>	Oct. 7	Review and <b>Mid-Term Test</b>
<b>Week 9</b>	Oct. 14	Securing Data
<b>Week 10</b>	Oct. 21	Securing Data (continue)
<b>Week 11</b>	Oct. 28	Wi-Fi Network
<b>Week 12</b>	Nov. 4	Mobile Device Security Components
<b>Week 13</b>	Nov. 11	Protecting Mobile Devices Against Hacking
<b>Week 14</b>	Nov. 18	Protecting Mobile Devices Against Hacking (Continue)
<b>Week 15</b>	Nov. 25	Protecting Mobile Devices Against Loss and Theft
<b>Week 16</b>	Dec. 2	Backing up your Data
<b>Week 17</b>	Dec. 9	<b>Final Exam</b>

## VI. Course Requirements:

Assignments and Tests

## VII. Grading and Evaluation Policies:

### Grade Components:

35% Assignments  
 20% Test1  
 20% Test2  
 25% Final

### Grading Scale

Your final grade will be given using the following scale:

90-100 overall AND at least 80% in both exam/quiz and assignment categories ----- A  
 80-89 overall AND at least 70% in both exam/quiz and assignment categories----- B  
 70-79 overall AND at least 60% in both exam/quiz and assignment categories----- C  
 60-69 overall AND at least 60% in both exam/quiz and assignment categories----- D  
 0-59 overall ----- F

### Student Progress:

Students are required to check their midterm grade progress report with the instructor. The mid-term grade will be based on the first test and whatever assignments will be due before the mid-term. The tests will be 50% of the mid-term grade and the assignments will be the other 50%.

### Late Assignment Policy:

Assignments must be submitted through Blackboard. Each assignment is due at midnight (11:59pm) of the due date. Late assignment will be **reduced 10% points for each day (excluding weekends and holidays)** that it is late, up to half of the total points of the assignment. **No assignment that is late for more than three days is accepted.**

### **VIII. Department Attendance Policy:**

Attendance will be taken during lectures and labs. Unexcused absences in excess of 10% of the scheduled lecture/lab meetings **will result in a one letter grade reduction for the course**. Unexcused absences in excess of 20% of the scheduled lecture/lab meetings **will result in a two letter grade reduction for the course**. Unexcused absences in excess of 30% of the scheduled lecture/lab meetings **will result in a three letter grade reduction for the course**. Students with unusual circumstances should advise the instructor of their situation immediately. Students will be held responsible for all announcements made in class.

### **IX. Classroom Behavior**

Behavior conducive for learning is expected in the classroom, which means no excessive talking to other students or sleeping. Also, this includes turning off cell phones and other electronic devices while in class. Electronics devices include laptop computers, unless you are using them to take class notes. If you are using them to take notes you need to get permission from the instructor. Anyone who violates this policy may be asked to leave the classroom for that class period.

### **X. Important Dates**

The last day to drop the course and other important days can be found at <http://www.eku.edu/compass/deadlines/2010/fall/>

### **XI. Academic Integrity:**

Students are advised that EKU's Academic Integrity policy will strictly be enforced in this course. The Academic Integrity policy is available at [www.academicintegrity.eku.edu](http://www.academicintegrity.eku.edu). Questions regarding the policy may be directed to the Office of Academic Integrity.

Students are expected to do all assignments independently, unless explicitly told otherwise. The official definitions of cheating and plagiarism can be found in the Academic Integrity policy.

### **XII. Students with Disabilities:**

*A student with a "disability" may be an individual with a physical or mental impairment that substantially limits one or more major life activities such as learning, seeing or hearing. Additionally, pregnancy or a related medical condition that causes a similar substantial limitation may also be considered a disability under the ADA.*

If you are registered with the Office of Services for Individuals with Disabilities, please obtain your accommodation letters from the OSID and present them to the course instructor to discuss any academic accommodations you need. If you believe you need accommodation and are not registered with the OSID, please contact the office in the Whitlock Building Room 361 by email at [disserv@eku.edu](mailto:disserv@eku.edu) or by telephone at (859) 622-2933. Upon individual request, this syllabus can be made available in an alternative format.

### **XIII. Official E-mail:**

An official EKU e-mail is established for each registered student, each faculty member, and each staff member. All university communications sent via e-mail will be sent to this EKU e-mail address.