

MSAIE-IS Additional Security Core Courses

This list provides MSAIE-IS degree specific core courses that have been approved by the department. **The INI cannot guarantee that courses will be offered each semester or in a specific semester.** Students must refer to the 'Schedule of Classes' to determine course availability. In addition, the INI cannot guarantee that a student will be offered a seat in a specific course. These apply to courses at the INI as well as other departments at Carnegie Mellon. Students should always register under the INI course number (14-XXX) if a course is cross-listed with other departments. The numbers for cross-listed courses are provided to the right of the course titles below. ***Please note: Course numbers and titles may change. If you notice such a change, please let the INI AAO know prior to enrolling in a course.***

- 14-684: Cyber Law and Ethics
- 14-735: Secure Coding
- 14-742: Security in Networked Systems
- 14-761: Applied Information Assurance
- 14-817: Cyber Risk Modeling
- 14-819: Introduction to Software Reverse-Engineering
- 14-822: Host Based Forensics
- 14-823: Network Forensics
- 14-828: Browser Security
- 14-829: Mobile & IoT Security
- 17-731: Foundations of Privacy (cross-listed with 18-734)
- 17-733: Privacy Policy, Law and Technology
- 17-734: Usable Privacy and Security
- 95-746: Cloud Security
- 95-883: Ethical Penetration Testing

VERSION TABLE

| VERSION | ADDED/ REMOVED | COURSES |
|----------|-------------------|--------------------------------|
| 5-31-24 | ADDED | 17-731, 94-806, 95-746, 95-883 |
| 5-31-25 | REMOVED | 14-814 |
| 11-14-25 | REMOVED | 94-806 |

Updated 5-31-26

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| 5-31-26 | ADDED | 17-733, 17-734 |
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