



Key Terrain Analysis Course Syllabus (KTAC)

This 32-hour, four (4) day course teaches technical and non-technical operators and analysts how to identify, define, document, and guide efforts of decision makers within cyber key terrain.

Through hands-on exercises and team collaboration, KTAC students will explore use-cases from around the world to practice effective tradecraft and be prepared to operate immediately.

Contact Information

Contact: 443-620-TEAM (8326) Option #2 **or** training@teamworxsecurity.com

Course Description and Course Goals

- Introduction to key terrain basics as defined by Joint Publications
- Identification between kinetic and non-kinetic key terrain
- Ability to use key terrain understanding to influence decision makers
- Understanding of the ever changing and evolving nature of cyber terrain
- Exposure to current threats, breaches, and frameworks and how they apply to key terrain evaluations
- Introduction to the complex details of a malware/ransomware event
- Culminating exercise to apply above goals

Module 1

- Introduction to key terminology for course understanding
- Introduction to guiding policy and doctrine
- Exposure to adversary life cycles and kill chain
- Review of Information Technology and Networking maps

Module 2

- Understanding of tactics, techniques, and procedures (TTPs)
- Review of TTPs with MITRE ATT&CK tools
- Practical application of Joint Intelligence Preparation of the Environment
- Practical application of course of action development

Module 3

- Understanding forces impact on the operational environment in the cyber domain
- Practical application of a PMESII-PT/ASCOPE crosswalk
- Practical application completing OCOKA and MCOO overlays
- Understanding and familiarity with the Request for Information (RFI) process
- Review of Defense in Depth

Module 4

- Review of practical hands-on exercise to enhance learning objectives
- Introduction to capstone materials
- Practical application of RFIs process

Module 5

- Show positive knowledge transference through capstone exercise
- Practical application of research, evaluation, and analysis of data
- Practical application of briefing skills and public speaking

Students will Need

A computer with internet access. Students are also welcome to bring any other note taking materials they wish. (some handouts will be provided)

Grading

This course is based on participation within daily discussions and group activities. Students **MUST** be present to do so.

Course Schedule

Course schedules can vary based on customer needs.

Five (5) Day Course Schedule Expectations:

- Daily start time will be 0900 (9 a.m.)
- Daily end time will be between 1600 (4 p.m.) and 1730 (5:30 p.m.)
- Daily lunch break time will be between 1130 to 1300 (1:00 p.m.)
- Daily schedule may flex based on how quickly students are understanding concepts and questions