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REI’s training philosophy includes hands-on exercises where students learn by doing.

Classroom training plus hands-on exercises in live project rooms.

Dedicated project rooms where students perform live sweeps: conference room, cubicle offices, executive office, hotel room, audio visual room, etc. Students investigate threats and live signals using multiple types of countersurveillance equipment.

REI TRAINING ADVANTAGES

- Dedicated Training Facilities: over 10,000 square feet of dedicated classroom and sweep project room facilities.
- Hands on exercises: target-rich project rooms where students perform countermeasure sweep exercises in live environments.
- Experienced Instructors: six full-time Instructors with over 50 years combined technical security experience as TSCM practitioners, US Army Counterintelligence agents, and instructors.
- World Class Training: largest unclassified technical security training facility in the world.
- Monthly Courses: regularly scheduled courses with fully catered lunches.
- Custom On-Site Courses Available: REI can plan a custom tailored course specific for your needs at your facility.
- Complete Curriculum: progressive curriculum for the beginner or advanced technician.

REI specializes in the design and manufacture of eavesdropping detection and countermeasure equipment and has been for over 30 years. Our products are used in over 100 countries worldwide by government agencies, law enforcement organizations, corporations, and professional countersurveillance sweep teams to protect sensitive or critical information. Contact REI for real-world, hands-on training from the industry leader.

Visit www.reiusa.net for course dates and registration.

REI TRAINING ADVANTAGES

UNDERSTAND HOW COUNTERSURVEILLANCE CAN IMPACT AGAINST INFORMATION THREAT
ENSURE YOUR SWEEP SKILLS AND EQUIPMENT ARE UP TO DATE AGAINST SOPHISTICATED MODERN THREATS
ENSURE YOUR SWEEP SKILLS WITH HANDS-ON TRAINING EXERCISES IN LIVE "TARGET RICH" PROJECT ROOMS
MEET AND NETWORK WITH OTHER SECURITY PROFESSIONALS
REGULARLY SCHEDULED COURSES AVAILABLE ON PREMISES
CUSTOM ON-SITE COURSES AVAILABLE

REI offers the largest commercially available Technical Surveillance Countermeasures training facility in the world.

Technical Security Training

World Class Training from the Industry Leader.

from the industry leader.
REI’s training philosophy includes hands-on exercises where students learn by doing. Classroom training plus hands-on exercises in live project rooms.

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Countermeasures Core Concepts - Level 1

Prerequisite: None

This five-day course provides an overview of the latest OSCOR spectrum analyzer, including detection and location techniques. This course is designed to introduce and familiarize the technical security specialist with various counter-surveillance equipment.

Course topics include:
- Overview of commercial TDR, Thermal Imager and X-Ray equipment
- Overview of various TSCM equipment including:
  - CMA-100
  - ANG
  - VPC
- TDR Troubleshooting and Analysis
- Introduction to RF Energy
- Intro to RF Energies
- Digital demodulation and audio detection
- Countermeasures tests: DMM (Digital Multimeter); Audio Tests; RF; Line Driver
- RF Certification Course - Level 3

Visit www.reiusa.net for course dates and registration.

RF OSCOR Course - Level 2

Prerequisite: Countermeasures Core Concepts Level 1

This five-day course focuses on the Countermeasures Core Concepts course and provides in-depth instruction on digital telephone system testing and analysis for technical threats, including the operation of the REI TALAN Telephone and Line Analyzer.

Course topics include:
- RF OSCOR operation
- Advanced OSCOR functions
- Overview of the latest OSCOR spectrum analyzer
- Overview of modulation schemes
- Overview of the latest OSCOR spectrum analyzer
- Countermeasures tests: DMM (Digital Multimeter); Audio Tests; RF; Line Driver
- RF Certification Course - Level 3

Visit www.reiusa.net for course dates and registration.

TALAN Telephone Countermeasures Course - Level 2

Prerequisite: Countermeasures Core Concepts Level 1

This five-day course continues on the Countermeasures Core Concepts course and provides in-depth instruction on digital telephone system testing and analysis for technical threats, including the operation of the REI TALAN Telephone and Line Analyzer.

Course topics include:
- RF OSCOR operation
- Advanced OSCOR functions
- Overview of the latest OSCOR spectrum analyzer
- Overview of modulation schemes
- Overlaid TALAN, CMA-100 Amplifier, Broadband Receiver, Voltmeter

Visit www.reiusa.net for course dates and registration.

RF Certification Course - Level 3

Prerequisite: TALAN Telephone Countermeasures Level 1

This five-day course provides an overview of the latest TSCM equipment, including detection and location techniques. This course is designed to introduce and familiarize the technical security specialist with various counter-surveillance equipment.

Course topics include:
- Developing a TSCM sweep plan
- Stages of a TSCM sweep from RF to physical search techniques
- Sweep concepts review including threat assessment
- Countermeasure tests:
  - DMM (Digital Multimeter); Audio Tests; RF; Line Driver
  - RF Certification Course - Level 3

Visit www.reiusa.net for course dates and registration.

VoIP Course - Level 3

Prerequisite: TALAN Telephone Countermeasures Level 1

This five-day course provides an overview of the latest TSCM equipment, including detection and location techniques. This course is designed to introduce and familiarize the technical security specialist with various counter-surveillance equipment.

Course topics include:
- Advanced TSCM Course topics include:
  - TSCM equipment including:
    - CMA-100 Amplifier, Broadband Receiver, Voltmeter
    - SWiCH
    - VoIP Phoner

Visit www.reiusa.net for course dates and registration.
Countermeasures Core Concepts - Level 1

Prerequisite: None

The five (5) day Countermeasures Core Concepts course introduces students to the components of a counter-surveillance investigation and the various equipment. Students will learn about telephone testing, non-linear junction detection, basic RF search techniques and investigative procedures. This course is designed to introduce and familiarize the technical security specialist with various counter-surveillance equipment.

Course topics include:
- Overview of commercial devices available
- Telephone testing procedures and equipment
- Physical search procedures
- Overview of various TDSM equipment including: ORION, VPC, AVP
- Overview of various TSCM equipment including: ANG, VPC, ORION, TALAN, CMA-100 Amplifier, Broadband Receiver
- Other various unique physical search equipment
- General overview of commercial TDR, Thermal Imager and X-Ray equipment

All course concepts are reinforced with hands-on practical exercises.

US$945 per student (5 days of training)*

RF OSCOR Course - Level 2

Prerequisite: Countermeasures Core Concepts Level 1

This five (5) day course continues the Countermeasures Core Concepts course with a brief highlight of TSCM threats and equipment, and then focuses primarily on the operation and deployment of the latest OSCOR RF spectrum analyzer, including detection and location of potentially illicit or unknown RF signals using trace analysis and RF mapping.

Course topics include:
- Tests to RF Test
- Overview of modulation schemes
- Overview of the latest OSCOR spectrum analyzer
- OSCOR operation
- RF Trace Analysis
- RF Mapping
- Advanced OSCOR functions

All course concepts are reinforced with hands-on practical exercises.

US$1,895 per student (5 days of training)*

Package Price for both Level 1 and Level 2 Courses (10 days of training): US$2,440*

TALAN Telephone Countermeasures Course - Level 2

Prerequisite: Countermeasures Core Concepts Level 1

This five (5) day daily Telephone course continues the Countermeasures Core concepts course and provides in-depth instruction on digital telephone system testing and analysis for technical threats, including the operation of the REI TALAN Telephone and Line Analyzer.

Course topics include:
- Telephone system characteristics and vulnerabilities
- Countermeasure tests:
  - FOR, Frequency Domain Reflectometry
  - Voltage/ohms test
  - Digital demodulation and audio detection
  - Non-Linear Junction Detector (NLJD) on a wire
  - Digital telephone countermeasures analysis procedures
  - Other line testing and analysis

All course concepts are reinforced with hands-on practical exercises.

US$1,895 per student (5 days of training)*

Package Price for both Level 1 and Level 2 Courses (10 days of training): US$2,440*

RF Certification Course - Level 3

Prerequisite: Countermeasures Core Concepts Level 1 & RF OSCOR Level 2

This five (5) day advanced TSCM course provides one and a half days of refresher training and two and a half days of pass/ fail certification testing; the last day is reserved for retraining and retesting advanced concepts. Individuals successfully completing the course will receive certification that the individual has demonstrated satisfactory proficiency. The course includes a written test, as well as hands-on operational tests. Testing will be conducted to determine student skill levels for use of:
- OSCOR
- ORION Non-Linear Junction Evaluator
- REI Broadband Receiver

All course concepts are reinforced with hands-on practical exercises. Upon successful completion of the testing, students will be granted R.E.C. (REI Equipment Certified) credentials including a certificate. The R.E.C. credentials will be valid for one full year.

US$1,895 per student (5 days of training)*

Voice Operation - Level 3

Prerequisite: TALAN Telephone Countermeasures Level 2

This five (5) day course introduces students to the emerging technology of VoIP (Voice over Internet Protocol) from a counter-surveillance perspective. Students will gain an understanding of basic networking essentials and VoIP hardware and software. With the focus being on the characteristics of a network to determine potential threats and vulnerabilities, students will use additional hardware and software solutions to capture and analyze multiple types of network traffic.

Course topics include:
- Advanced TSCM tests on a VoIP Network
- Telephony and Data Wiring Standards
- Power over Ethernet
- Circuit and Packet Switched Networks
- The Open Systems Interconnection (OSI) Model
- VoIP Protocols and elements of a VoIP Network
- Threats to a VoIP system
- Capturing VoIP traffic with the TALAN
- Analyzing VoIP Traffic
- Wireshark Network Protocol Analyzer

All course concepts are reinforced with hands-on practical exercises.

US$1,495 per student (5 days of training)*

Advanced Equipment Use Course - Level 3

Prerequisite: All Level 2 Courses

This five (5) day course further develops the equipment operator's TSCM skills with a wide variety of equipment. This class includes one day of equipment review and advanced TSCM concepts followed by an elaborate multi-day multi-lab course where students will have hands-on practical experience with various TSCM techniques and procedures and concepts that test student's ability to deploy equipment effectively.

Course topics include:
- TSCM equipment review including OSCOR, ORION, TALAN, CMA-100 Amplifier, Broadband Receiver, Voltmeter
- Sweep concepts review including threat assessment
- Stages of a TSCM sweep from RF to physical search techniques
- Developing a TSCM sweep plan
- In-depth, multi-day sweep exercise with multiple threat types
- All course concepts are reinforced with hands-on practical exercises.

US$2,195 per student (5 days of training)*
Countermeasures Core Concepts - Level 1

Prerequisite: None

The five (5) day Countermeasures Core Concepts course introduces students to the components of a countersurveillance investigation and the related equipment. Students will learn about telephone testing, non-linear junction detection, basic RF search techniques and investigative procedures. This course is designed to introduce and familiarize the technical security specialist with various counter surveillance equipment.

Course topics include:
- Overview of commercial TDR, Thermal Imager and X-Ray equipment
- Stress testing and equipment
- Physical search procedures
- Overview of various TSCM equipment including:
  - ORCON
  - VORC
  - ANG
  - Amigo
  - CMA-100
  - REI Broadband Receiver
- Other various unique physical search equipment
- Introduction to the components of a countersurveillance equipment package
- Hands-on practical exercises.

All course concepts are reinforced with hands-on practical exercises. Upon successful completion of the testing, students will be granted R.E.C. (REI Electronics Certified) credentials including a certificate. The R.E.C. credentials will be valid for one full year.

US$945 per student (5 days of training)*

RF OSCOR Course - Level 2

Prerequisite: Countermeasures Core Concepts Level 1 & RF OSCOR Level 2

This five (5) day course continues the Countermeasures Core Concepts course with a brief highlight of TSCM threats and equipment, and then focuses primarily on the operation and deployment of the latest OSCOR RF spectrum analyzer, including detection and location capabilities. This course includes in-depth instruction on RF OSCOR operation and TSCM operational techniques. Students will gain an understanding of basic RF search techniques and investigative procedures. This five (5) day course is designed to introduce and familiarize the technical security specialist with various counter surveillance equipment.

Course topics include:
- RF OSCOR operation
- RF Trace Analysis
- RF Mapping
- Advanced OSCOR functions

All course concepts are reinforced with hands-on practical exercises. Upon successful completion of the testing, students will be granted R.E.C. (REI Electronics Certified) credentials including a certificate. The R.E.C. credentials will be valid for one full year.

US$1,895 per student (5 days of training)*

Package Price for both Level 1 and Level 2 Courses (10 days of training): US$2,440*

RF Certification Course - Level 3

Prerequisite: Countermeasures Core Concepts Level 1 & RF OSCOR Level 2

This five (5) day advanced TSCM course provides one and a half days of refresher training and two and a half days of pass/fail certification testing; the last day is reserved for retention testing. Students will be introduced to the components of RF detection and analysis. Individuals successfully completing the course will receive certification that the individual has demonstrated satisfactory proficiency. This course includes a written test, as well as hands-on operational tests. Testing will be conducted to determine student skill levels for use of:
- OSCOR
- ORCON Non-Linear Junction Evaluator
- REI Broadband Receiver

All course concepts are reinforced with hands-on practical exercises. Upon successful completion of the testing, students will be granted R.E.C. (REI Electronics Certified) credentials including a certificate. The R.E.C. credentials will be valid for one full year.

US$1,895 per student (5 days of training)*

TALAN Telephone Countermeasures Course - Level 2

Prerequisite: Countermeasures Core Concepts Level 1 & TALAN Telephone Countermeasures Level 1

This five (5) day advanced Digital Telephone course continues the Countermeasures Core Concepts course and provides in-depth instruction on digital telephone system testing and analysis for technical threats, including the operation of the REI TALAN Telephone and Line Analyzer.

Course topics include:
- Telephone system characteristics and vulnerabilities
- Countermeasure testing:
  - FDR, Frequency Domain Reflectometry
  - Voltage/ohms test
  - Digital demodulation and audio detection
  - Non-Linear Junction Detection (NLD) on a wire
- Digital telephone countermeasures analysis procedures
- Other line testing and analysis.

All course concepts are reinforced with hands-on practical exercises. Upon successful completion of the testing, students will receive R.E.C. (REI Electronics Certified) credentials.

US$1,895 per student (5 days of training)*

Package Price for both Level 1 and Level 2 Courses (10 days of training): US$2,440*

VoIP Course - Level 3

Prerequisite: TALAN Telephone Countermeasures Level 2

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- The Open Systems Interconnection (OSI) Model
- VoIP Protocols and elements of a VoIP Network
- Threats to a VoIP system
- Capturing VoIP traffic with the TALAN
- Analyzing VoIP Traffic
- VoIP Network Protocol Analysis

All course concepts are reinforced with hands-on practical exercises. Upon successful completion of the testing, students will receive R.E.C. (REI Electronics Certified) credentials.

US$1,495 per student (5 days of training)*

Advanced Equipment Use Course - Level 3

Prerequisite: All Level 2 Courses

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Course topics include:
- TSCM equipment review including ORCON, OSCOR, TALAN, CMA-100 Amplifier, Broadband Receiver, Voltmeter
- Sweep concepts review including the test statement
- Stages of a TSCM sweep from RF to physical search techniques
- Developing a TSCM sweeps plan
- In depth, multi-day sweep exercise with multiple threats types

All course concepts are reinforced with hands-on practical exercises.

US$2,195 per student (5 days of training)*

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