Santa Clara County ARES/RACES/ACS
On-Line FEMA ICS Training

Incident Command System Training

The Incident Command System (ICS) is a management system designed to enable effective and efficient domestic incident management by integrating a combination of facilities, equipment, personnel, procedures, and communications operating within a common organizational structure. ICS is normally structured to facilitate activities in five major functional areas: command, operations, planning, logistics, finance and administration. It is a fundamental form of management, with the purpose of enabling incident managers to identify the key concerns associated with the incident—often under urgent conditions—without sacrificing attention to any component of the command system.

As volunteers we will often be working alongside the professionals and need to be versed in ICS. Many organizations require that volunteers take the basic ICS training classes as outlined below. These courses can be taken on-line in a few hours. When you complete the training, you will be provided a certificate showing your successful completion. Save this certificate and provide a copy to the served agency or your EC if they request it. These courses are required to earn Credentials and Endorsements,

IS-100 - Introduction to the Incident Command System: This independent study course introduces ICS and provides the foundation for higher level ICS training. It describes the history, features and principles, and organizational structure of the system. This course also explains the relationship between ICS and NIMS.

IS-200 - ICS for Single Resources and Initial Action Incidents: This independent study course is designed to enable personnel to operate efficiently during an incident or event within the ICS. ICS-200 provides training and resources for personnel who are likely to assume a supervisory position within the ICS.

IS-700 - NIMS, an Introduction: This independent study course introduces the NIMS concept. NIMS (National Incident Management System) provides a consistent nationwide template to enable all government, private-sector, and nongovernmental organizations to work together during domestic incidents.

These Independent Study Courses can be accessed from this link.

https://training.fema.gov/is/crslist.aspx?lang=en

Santa Clara County ARES/RACES/ACS
Classroom Communications Training

Note: **Some courses have prerequisites (shown in red) which are also listed on the course page. These are not strictly enforced; but, to get the most out of the course, you should have previously attended the prerequisite courses. If you have not yet attended one or more of the prerequisites, you should carefully review the course materials for the missed prerequisites prior to attending the course. Then, be sure to attend any missed prerequisites at your earliest opportunity.**

More details about these courses can be found at: https://www.scc-ares-races.org/training

Introductory Courses

- **Introduction to Emergency Communications**

  This is an introductory course for new hams who may be interested in Emergency Communications. It is the first in a series of courses offered to prepare Amateur Radio Operators to provide Emergency Communications (EmComm). This class is useful for new hams to gain the basic concepts of simplex, repeaters, and working within a net.

- **Fundamentals of Emergency Communications**

  Pre-Requisites
  Introduction to Emergency Communications or approved equivalent substitute

  This is an introductory training course for hams who are new to Emergency Communications (EmComm) in Santa Clara County. It is the second in a series of courses offered for new hams who may be interested in EmComm **or** experienced hams who are new to EmComm or new to Santa Clara County ARES/RACES procedures.

Role Specific, Core, and Endorsement Courses

Note: ICS resource types are numbered using Roman numerals, with Type I as the highest. Therefore, the course for Type III comes before the Type II course.

- **Field Operations - Type III Part A, Type 3 Part B and Type II**

  Pre-Requisites
  Introduction to Emergency Communications or approved equivalent substitute
  Fundamentals of Emergency Communications
  ICS-214-SCCo Unit Activity Log (20-minute self-paced video)

  This two-part course is designed to prepare individuals to perform field communicator duties as a fully independent operator. These are the basic skill courses that other courses build upon.

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- **Net Control - Type III, Part A and Part B**

  Pre-Requisites
  Field Operations Type III Part A
  Field Operations Type III Part B / Type II
  Message Passing

  This two-part course is designed to prepare individuals to perform net control duties as a fully independent operator for low to medium speed county nets and city or event nets.

- **Net Control - Type II**

  Pre-Requisites
  Net Control Type III Parts A & B
  Antenna Fundamentals
  Crossband Repeating

  This course covers advanced net control techniques, procedures, and equipment for operating medium-to-high speed nets.

- **Packet Operations - Type III, Part A and Part B/Type 2**

  Pre-Requisites
  Field Operations Type III Part A
  Field Operations Type III Part B / Type II

  This two-part course is designed to prepare an individual to assemble and operate an existing packet station. Part A focuses on the individual packet station. It covers the components of a baseline station and how to assemble it and send a message to yourself. Part B includes hands-on exercises focused on configuring and operating the baseline packet station.

- **Shadow Communicator - Type III**

  Pre-Requisites
  Field Operations Type III Parts A & B, Type II

  This course discusses how to be an effective shadow communicator for an event official, dignitary or other individual needing communication support.

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- **Message Passing**

  Pre-Requisites
  Field Operations Type III Parts A & B, Type II

  This class will review message passing skills and work through tips and techniques for accurate and clear communications. It includes numerous exercises for practicing learned skills and techniques.

- **Cross-band Repeating**

  Pre-Requisites
  Field Operations Type III Parts A & B, Type II

  This course covers the advanced field communications technique of cross-band repeating.

- **Antenna Fundamentals and Safety**

  Pre-Requisites
  None; however, Field Operations Type III Parts A & B is suggested

  This course covers antenna location and safety concerns when setting up antennas at a site. A basic review of antenna fundamentals is included. Discusses the RF Safety evaluation the FCC requires operators to conduct before operating their station.

- **Event Planning – Type I**

  Pre-Requisites
  Antenna Fundamentals
  Crossband Repeating
  Must have completed any of the Type II classes in either Field Ops, Net Control, or Packet.

  This class will address the skills and planning activities necessary to create the plans for drills, public service events, and activations. The class will include interactive table-top exercises. Recommended for those in leadership positions or anyone who may be tasked with planning a drill, public service event or activation.

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- **Year-End Review**

  Pre-Requisites

  Any of the core or role specific courses listed at:
  https://www.scc-ares-races.org/training

  Offered in December each year to review the significant changes made to any classes or procedures during the year. This class does not replace the need to take the actual courses. It only covers changes to procedures and policies presented in the most recent classes.

- **County EOC Radio Room Orientation**

  Pre-Requisites

  Credentials: Net Control Type III or Packet Operator Type III Credential
  Mutual Aid Communicator Endorsement (MAC)

  This class will prepare operators for working in the radio room of the county Emergency Operations Center (EOC). This class is required to earn the 'County EOC Radio Room Operator' (ERO) Endorsement.

- **County EOC SHARES HF Orientation**

  Pre-Requisites

  Endorsement: County EOC Radio Room Operator Endorsement (ERO)

  This class will prepare operators to operate at a County Fire Station as a radio operator. This class is required to earn the 'County Fire Station Operator' (FRO) Endorsement.

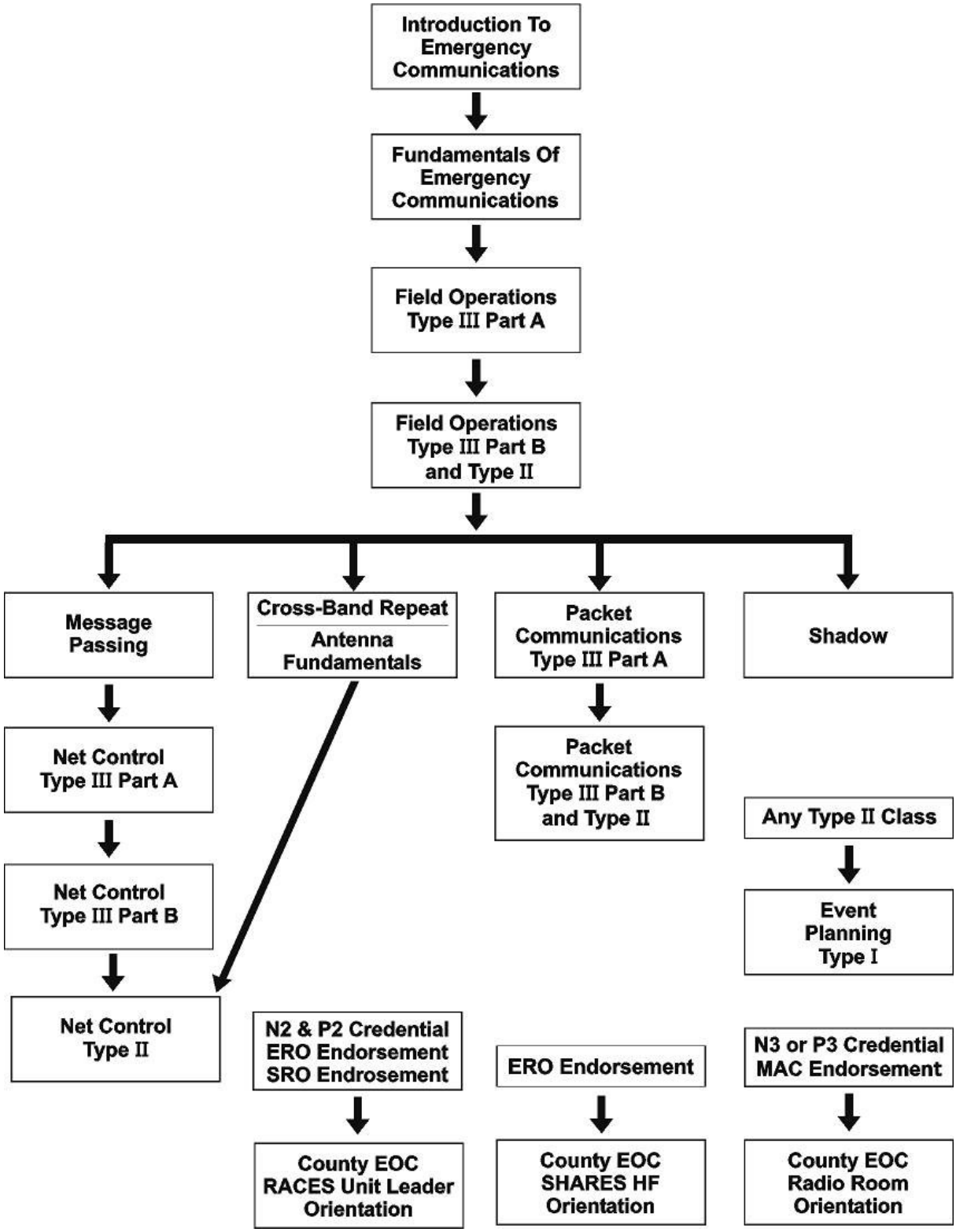
- **County EOC RACES Unit Leader**

  Pre-Requisites

  Credentials: Net Control Type II and Packet Operator Type II Credential
  County EOC Radio Room Operator Endorsement (ERO)
  SHARES HF Operator Endorsement (SRO)

  This class will prepare operators to perform the role of RACES Unit Leader in the county EOC. This class is required to earn the 'County EOC RACES Unit Leader' (RUL) Endorsement.

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Recommended Course Progression Based on Prerequisites



Link to class/event registration pages: https://www.scc-ares-races.org/activities/

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