

## vZLA Training Syllabus: Local Control 2

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### 1. PURPOSE

The purpose of the Training Syllabus is to provide ZLA training staff an outline of expectations for students, and the minimum criteria for satisfactory performance and certification.

### 2. DISTRIBUTION

Training Syllabi are for use by the ZLA training staff, and are open source to our students as a reference of expectations. For students, this syllabus is an outline of absolute minimum requirements, and is in no way a ticket to certification. Certification minima are ultimately determined by the mentor / instructor, and any shortcomings of the student, as determined by the training staff-member, are grounds for additional training and/or withholding endorsement.

### 3. PREREQUISITES

The prerequisites for LC2 training are outlined in the ZLA Training Summary. The student must hold a minimum VATSIM S2 and have completed the LC1 certification.

### 4. SESSION PREPARATION

1. This training should be conducted on Los Angeles Tower: reference the ZLA Training Summary
1. Students should:
  - a. Arrive at session with CRC set up by student preference. Students are required to have the following displays open:
    - i. STARS display (Position LAX South Local)
    - ii. ASDE-X (LAX)
  - b. Students are recommended, but not required to have the following displays active:
    - i. Tower Cab Mode (LAX)
    - ii. Tower Data-Link System (TDLS - LAX)
  - c. Reviewed the following Policies and SOPs:
    - i. [Los Angeles ATCT SOP](#)

### 5. KNOWLEDGE REQUIREMENTS

1. Demonstrate knowledge and application of the following **separation minima**:
  - a. Same runway separation
  - b. Parallel runway separation
    - i. Identify conflict points including those beyond TWR airspace to include merging RNAV SIDs
  - c. Diverging and non-diverging departures
2. Airspace / Geography Familiarization
  - a. Identify lateral and vertical boundaries of position airspace
  - b. Understanding of all relevant Class Bravo airspace boundaries
    - i. Identify relevant Class Bravo VFR transitions and helicopter routes
  - c. Identify neighboring Class Delta airspace and required coordination

3. Departures
  - a. Utilize Line Up and Wait (LUAW) to manage departure flow
  - b. Ensure safe crossing of departure runways
4. Arrivals
  - a. Understand NTZ concept and breakout procedures
5. Traffic Management Unit (TMU) Topics
  - a. Monitoring ARTCC traffic levels and proactively implementing local traffic management initiatives
    - i. This should include ground delays, increased MITs and other techniques to mitigate TRACON and Center saturation as needed.
6. Facility Coordination
  - a. Demonstrate proficiency in the coordination of aircraft or operations between both intrafacility and interfacility CPCs.
    - i. In particular, ensure appropriate coordination for VFR Class Bravo transitions.
  - b. Mastery of traffic advisory procedures
  - c. Issue "rolling boundary" calls to the overlying radar sector
7. Automation
  - a. Demonstrate knowledge of STARS automation including, but not limited to, the following functions:
    - i. Creating VFR flight plans
    - ii. Starting a track
    - iii. Accepting a hand off
    - iv. Initiating a hand off
    - v. Accepting a point-out
    - vi. Initiating a point-out
    - vii. Dropping a track
    - viii. Basic Radar Identification - optional but recommended