



*Build on Innovation at*  
**Linear University**



**Experience Classes and Hands-on  
Training with the Linear Experts**

- Personal Emergency Response Systems
- Audio/Video/Data
- Intercom and Air Vac
- Keypads and Secured Products
- eMerge Access Control Solutions and Certification
- Access Control and Gate Operators

*Small Class Size - Eight Student Capacity*

*An Evening Dinner with the Group and Trainers*

*Free Continental Breakfast and Lunch Each Day*

For additional information,  
contact your district sales  
manager, visit us on  
the web at:

**www.linearcorp.com**  
or call: **800.421.1587**

**Linear**<sup>®</sup>  
*Building On Innovation.*



## Personal Emergency Response Systems

### One Day Class

Learn features and functions of the PERS-2400B and PERS-3600B with hands-on sessions for programming each system.

**PERS-2400B**

**PERS-3600B**

**.2 CEU's**



## Audio/Video/Data



### Three Day Class

#### Day 1 - Video Modulation and Distribution

This class will cover video modulation and distribution, problems with digital cable, and benefits of structure wire products. Discover solutions we offer to the top ten problem calls received by our Call Center.

#### Day 2 - Whole House Music

Gain experience in theory and set up on:

- **MDS-6A and Encore Digital Audio Distribution Systems**
- **12-volt and 5-volt IR systems**

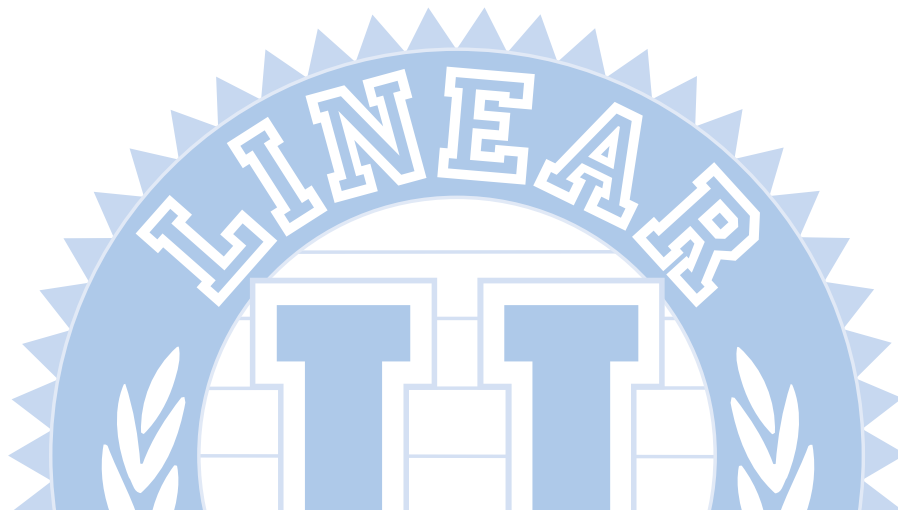
Receive hands-on training with coax and data connections

#### Day 3 - High Definition Video Distribution

Learn HDTV theory and set up.

Recap with a review of all products followed by a short test

**1.4 CEU's**



# Intercom and Air Vac



## Three Day Class

### Day 1

Learn what's going on behind the walls and in the ceilings of a Linear Intercom installation.

Start with a Linear Intercom product overview. Continue training with topics including:

- **Electro-Magnetic Induction (EMI)**
- **High voltage versus low voltage wiring**
- **Balanced versus unbalanced circuits**
- **AC versus DC voltages**
- **Twisted versus un-twisted wiring**
- **National Electrical Code (NEC)**
- **Cat-5 protocol**
- **Audio, mechanical and electrical feedback**



### Day 2

Apply what has been learned in Day 1. Receive hands-on instruction in the proper techniques and practices of intercom installation, maintenance and troubleshooting. Learn to install the Linear line of dmc intercoms. Conclude intercom training with practice applications and product overview.



### Day 3

Receive factory training in the techniques and practices for the installation, servicing and maintenance of Linear Platinum and Red Series Central Vacuums.

Topics of training include:

- **Applications and systems design**
- **Central Vacuum pipe plumbing** (best practices/techniques)
- **Testing and validation**
- **Troubleshooting**

Conclude Central Vacuum training with practice applications and product overview

**.4 CEU's**





## Keypads and Secured Products

### Two Day Class

Learn the features and functions of IEL Keypads and Secured Products.

Day 1

- **Keypads**
- **ProxPads**
- **Secured Series System**

Day 2

- **Connecting Max2/Max 3 to PC**
- **HubManager Pro**
- **Locksets**



## eMerge Access Control Solutions and Certification

### Two Day Class

Receive extensive knowledge on the eMerge network appliance.

Day 1

- **Basic Networking Theory**
  - o IP Addresses
  - o Subnetting
- **Start-Up**
  - o Login into eMerge panel
  - o Programming eMerge for a LAN/WAN
  - o Connecting eMerge to a LAN/WAN
  - o Logging into the eMerge Panel
- **Hardware Installation**
  - o Familiarization with eMerge components
  - o Basic wiring scenarios

**CEU'S Pending**

Day 2

- **eMerge Programming I**
  - o Defining the Network Controller and Network Node
  - o Defining an Application Module (Access Board)
  - o Defining Readers, Inputs and Outputs
  - o Using Data Import Utility, Postgre sql
- **eMerge Programming II**
  - o Defining 2 portals at an imaginary jobsite
  - o Defining access control features for those portals
  - o Adding users to the system
- **eMerge Programming III**
  - o Elevator control
  - o Floor plans
  - o Cameras/VMS
  - o Threat level management
  - o Monitoring Desktop





## Access Control and Gate Operators

An in depth three day training, with hands-on participation by all attendees.

### Day 1

#### **Installation and programming of Stand Alone Access Controllers**

Learn hardware, wiring scenarios, programming, and applications of Linear Stand Alone Access Controllers.

### Day 2

#### **Installation and programming of Networkable Telephone Entry and Access Control Systems**

Acquire detailed knowledge of hardware, wiring scenarios, programming options, applications and trouble shooting of Linear networkable telephone entry and access control systems. You will learn that Linear Entry Solutions work seamlessly for every conceivable situation.

### Day 3

#### **Gate Operators**

Gain an in-depth knowledge of gate operator types, application considerations, system design, common accessory wiring, and industry safety standards.

### **2.4 CEU's**



*All attendees are required to bring a laptop computer*

## Webinars



Linear University classes will be available on Fridays via one-hour Webinars.

Linear University Webinars will consist of product overviews of various product lines. For available topics, please go to **[www.linearcorp.com](http://www.linearcorp.com)**. Instructions on how to connect to Webinex will be emailed to those interested.

Special sessions not listed are available upon request, if there's enough interest in that subject.

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## Accommodations/ Restaurants

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### Local Hotels

**(1) Courtyard By Marriott** - San Diego

\$139.00

5835 Owens Ave.

*Walking Distance (across the street)*

Carlsbad, CA 92008

(760) 431-9399

**(2) Hampton Inn Carlsbad**

\$119.00 - \$139.00

2229 Palomar Airport Rd.

0.6 miles

Carlsbad, CA 92011

(760) 431-2225

**(3) Homewood Suites**

\$109.00 - \$159.00

2223 Palomar Airport Rd.

0.6 miles

Carlsbad, CA 92011

(760) 494 - 5445

**(4) Grand Pacific Resorts Inc.**

\$44.00 - \$174.00

5805 Armada Dr.

1.7 miles

Carlsbad, CA 92008

(760) 827-3200

**(5) La Quinta**

\$89.00

760 Macadamia Dr.

2.1 miles

Carlsbad, CA 92008

(760) 431-9999

*Note: All figures are Linear corporate rates and subject to change.*

**(6) Italian** - Gregorio's

300 Carlsbad Village Dr., Suite 208

Carlsbad, CA 92008

(760) 720-1132

**(7) Pizza** - Pizza Port

571 Carlsbad Village Dr.

Carlsbad, CA 92008

(760) 720-7007

**(8) Mexican** - Pollos Maria

3055 Harding St.

Carlsbad, CA 92008

(760) 729-4858

**(9) Seafood** - King's Fish House

5625 Paseo Del Norte

Carlsbad, CA 92008

(760) 431-3474

**(10) German** -Tip Top Meats

6118 Paseo Del Norte

Carlsbad, CA 92011

(760) 438-2620

**(11) American** - Karl Strauss

5801 Armada Dr.

Carlsbad, CA 92008

(760) 431-2739



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### To Sign-Up...

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## Travel Information

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### Local Airports Distance from Linear University

#### Carlsbad Airport

(McClellan-Palomar Airport ) 1 Mile

#### San Diego International Airport

(Lindbergh Field) 34 Miles

#### Orange County

(John Wayne) 58 Miles

#### Los Angeles International Airport

(LAX) 96 Miles

### Shuttle Options

#### From Carlsbad Airport

Free shuttle to satellite parking lot  
(adjacent to Linear University's satellite parking lot)  
Carlsbad West Taxi - (760) 720-0326

#### From San Diego

Sea Breeze Shuttle - \$48.00  
(800) 777-0585  
Amtrak - \$14.00  
Stops north of Carlsbad in Oceanside

#### Orange County and Los Angeles

Rental car recommended - shuttles are expensive  
(\$130.00 - \$170.00 approx.)  
Amtrak from LAX - \$21.00  
Stops north of Carlsbad in Oceanside

### Travel Links

[www.expedia.com/](http://www.expedia.com/)  
[www.orbitz.com/](http://www.orbitz.com/)  
[www.sidestep.com/](http://www.sidestep.com/)  
[www.priceline.com/](http://www.priceline.com/)

## Sign Up

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Company

First Name

Last Name

Title

Street Address

City

State

Zip

Cell Phone

Work Phone

Fax

Email

Please indicate 1st, 2nd, 3rd choice of class months

First Name

Last Name

Title

Cell Phone

Work Phone

Please indicate 1st, 2nd, 3rd choice of class months



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Linear LLC  
1950 Camino Vida Roble  
Suite 150  
Carlsbad, CA 92008  
[www.linearcorp.com](http://www.linearcorp.com)

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