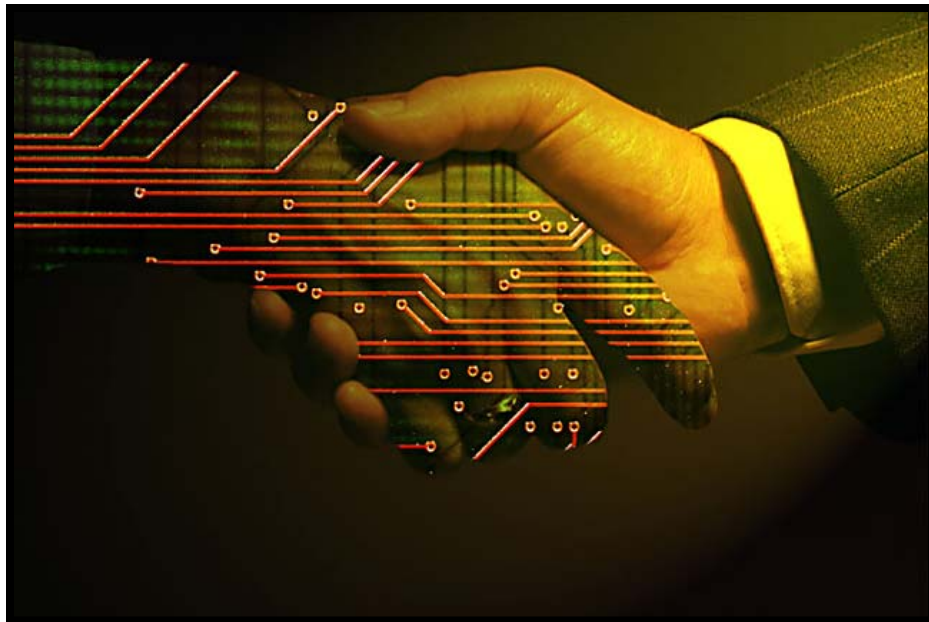




# Accomplishments



**INFORMATION TECHNOLOGY DIVISION**

**August 2005**



## **Office of the CIO/Vice President – Overall Accomplishments**

- Appointment of CIO/VP and coordination of the IT Division to include all the technical support and instructional technology
- Continued development of the Orion Project:
  - Courses/programs will be offered online beginning in the Fall 2005 semester
  - Negotiating re-franchise agreement between the City of El Paso and Time Warner Cable
  - Formed Orion Executive, Content and Technology Committees and established non-profit 501(c)(3) status
  - Implemented network requirements for Orion by connecting EPCC, UTEP and EPISD via fiber
  - Planning for the development of Orion Network Operations Center
- Switched Internet carrier from SBC to Time Warner Cable, which provided a substantial cost savings to the College and provided higher speed (45 mbps)
- Deployed the 1900 PC Project to replace instructional computers district-wide; developed taskforces to recycle/redistribute the old equipment
- Deployed the District-wide Wireless Project to include wireless access points at all campuses
- Deployed the Microsoft Windows 2003 Project Upgrade, which includes the migration from Novell Netware/Groupwise to Microsoft Active Directory/Exchange
- Implemented an IT staff realignment in Telecommunications, Networking, and Instructional Media Services to provide better customer support and expanded hours of operation
- Developed and implemented an IT Staff Training Plan and a Centralized Training Repository System
- Established the Equipment Replacement Committee to purchase/replace outdated equipment for the non-instructional areas through funding not available by other sources
- Established an Information Security Department to increase awareness and deliver training and education to protect the confidentiality, integrity, and availability of EPCC sensitive information and resources
- Developed a Records Management Department; recruitment underway for the manager position



- Quarterly IT Newsletter designed and implemented to inform the District of IT developments and updates
- Implemented an annual IT Planning Session; held two and planning the third in October 2005
- Collaboration and establishment of the La Fe Clinic Charter School Committee to provide continuing education and distance learning for La Fe staff, establish an EPCC extension learning center at La Fe linking/developing health promotion and education to include allied health occupations
- Hosted the State of Texas Chief Information Officer, Mr. Larry Olson, in collaboration with the City and County of El Paso
- Selected to present at the League of Innovations CIO Summit in October 2005 in Dallas, Texas

## **Information Technology**

### **Networking Operations**

- Implemented a Storage Area Network (SAN) centralized back-up solution for business continuity purposes
- Ongoing collaboration with UTEP and EPISD on a Disaster Recovery Project
- Planning for expansion of MDF (Main Distribution Frame)
- Upgrade/hardware for Rio Grande FreeNet

### **Administrative Applications (Programming/Database Admin.)**

- Implemented social security number conversion simultaneously with UTEP
- UTEP number conversion (80 and 88 prefix)
- Implemented Banner student online registration and web payment
- Implemented Campus Pipeline/Luminis upgrade
- Developed and completed the programming for the Achieving the Dream system student tracking database
- Implemented Banner faculty online grades



- Implemented Banner web unofficial transcripts for students
- Implemented the Financial Aid direct deposit authorization
- Implemented WebCT Banner Integration
- Completed SACS - Faculty Credentialing Tracking System
- Completed the TASP to TSI conversion
- Implemented ERS Interface (benefits)
- TRAQS implementation

### **Technology Support Operations**

- Completed Fiber and SONET network equipment/connection at the Mission del Paso Campus
- Established web-based email for faculty and staff allowing email access from home
- Established on-site PC technical support at each campus

### **Technology Support Services**

- Developed and implemented the Student Technology Services Program
  - Program has grown from 13 to 35 students
  - Currently partnering with EPISD
  - STS Student Managers presented their Program at the Annual (2004 and 2005) NISOD Conferences
- Implemented Content Management for web page development and conducted training for students, faculty and staff
- Updated all Information Technology Procedures, which will be available on the EPCC IT web page in Fall 2005
- Expanded help desk and campus operator hours of operation to support the College District



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## **Office of the AVP, Instructional Resources & Technology**

### **Academic Computing Services**

- Hired ACS Lab Manager in April 2005
- Now providing assistance to students, faculty and staff in the ACS Labs as they have become the information centers

### **Instructional Media Services**

- Integrated Technology Committee funded the purchase of 160 LCD projectors for district-wide instructional use
- Developed schedule to increase IMS evening coverage
- Instructional Media Services reorganized to report directly to AVP, Instructional Resources and Technology
- Purchased additional instructional media equipment such as media carts, DVD players, and digital video camcorders for use in the classrooms
- Providing comprehensive level of instructional media services at ASC special events

### **Technology Resource Center**

- Procured additional space for a Technology Resource Center at the Rio Grande Campus
- Established a Mentoring Program for faculty teaching distance education
- New WebCT training for faculty teaching online courses was developed to focus on pedagogical issues
- Developed and assisted with training of College staff for the 360 Performance Appraisal process
- Increased number of online tutorials for faculty, staff and students
- Training materials and presentations developed for the migration to Microsoft Outlook, and from Campus Pipeline to Luminis



### 3D Holographics Projection Project

- The Integrated Technology Committee supported the purchase of 3d Holographic Projection equipment valued at \$68,700
- 3D lab has been set-up at the Advanced Technology Center
- Providing ongoing demonstrations for students, faculty and staff
- Hired 3D Holographic Projection Project Coordinator

### Center for Instructional Telecommunications

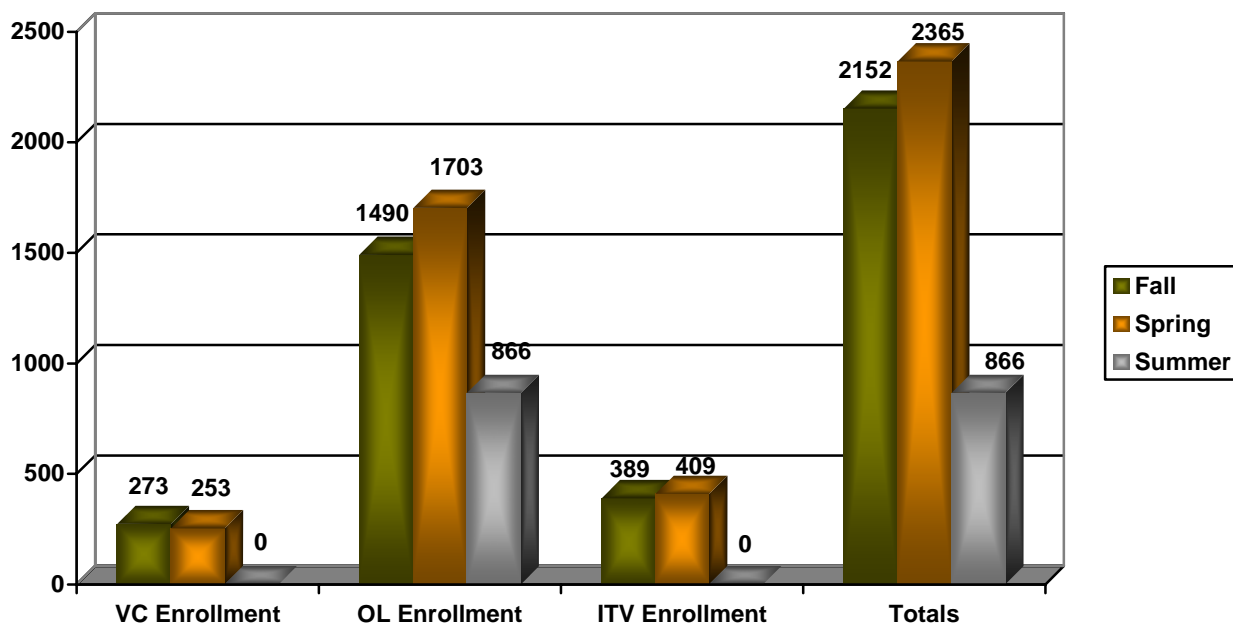
- Installed a Leitch Broadcast Server, which has improved programming and allowed for more efficient programming on weekends. All staff was trained on the operation of the Leitch Server
- Produced approximately 67 video productions for internal and external requestors such as the College President, Faculty Development, Canutillo ISD, City Council, Housing Authority, NISOD, Skills USA, and others
- Currently producing an instructional DVD for the occupational education division with links to important program information
- Ongoing demonstrations for students, faculty and staff
- Coordinated specialized training activities to train staff in digital audio production and visual effects creation
- Participated with CDA Architects and a Planning and Design Team for the new KCOS/EPCC TV production studio
- Purchased six flat screen TV monitors that allow for better signals from satellite downlinks for the ITFS system, satellite bay and CG
- Established more efficient set-up processes for the recording of monthly Board of Trustees meetings to ensure consistent and higher quality productions
- Purchased coaxial multiple camera cables for simplified field production set-up and superior quality video production
- CIT staff designed and assembled a digital video duplication system to meet production demands



## Distance Education

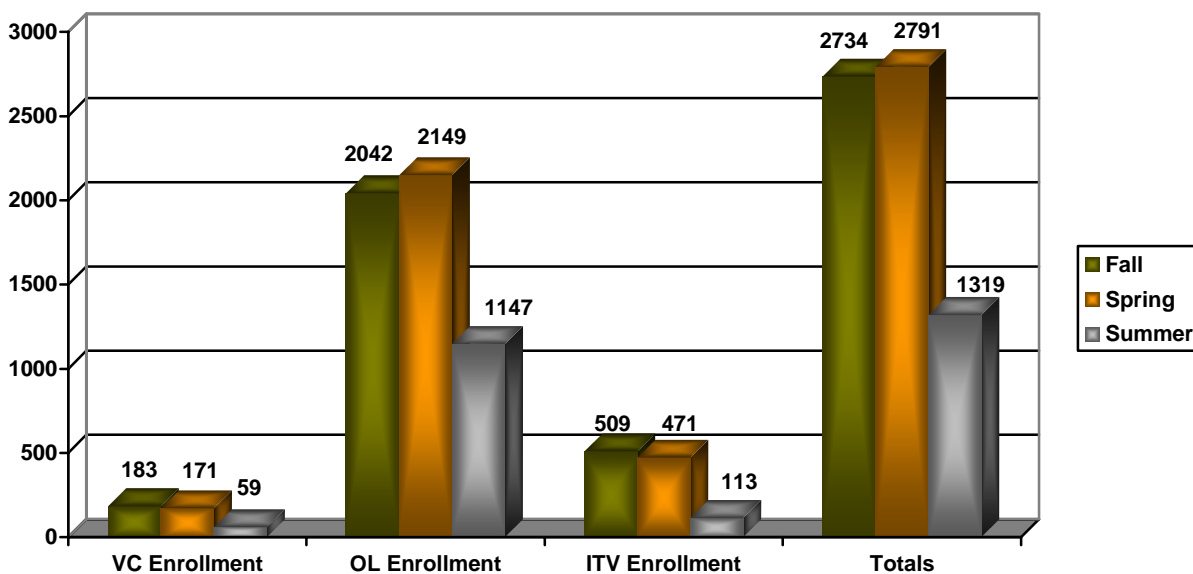
- Showcased videoconferencing capabilities by hosting 3 major conferences between EPISD and Washington, D.C., SBDC and University of Texas at San Antonio, and a city-wide anthropology conference
- Successful Orion Project videoconferencing demonstration between the three major partners; EPCC, UTEP and EPISD
- Developed the Texas Higher Education Coordinating Board Distance Education Instructional Plan
- Increase in number of students participating in the Virtual College of Texas:
  - EPCC continues as a Host College and this summer, is a Provider College
  - Now offering an on-line Fire Technology course
  - 32 students enrolled in 47 classes during the 2004-2005 academic year
- Presented EPCC College Orientation sessions developed by the Distance Education Office and Student Services personnel to employees of the County of El Paso and Centro de Salud Familiar La Fe
- EPCC Distance Education Advisory Committee developed a Distance Education Plan.
- Developed a comprehensive online orientation for distance education students
- Continuing to recruit additional faculty to teach distance education
- Produced 11 Instructional Television promotional spots in collaboration with the Center for Instructional Telecommunications as part of a marketing strategy
- Conducting monthly roundtable discussions with faculty teaching distance education. These discussions follow-up on pedagogical issues discussed in the newly developed WebCT Training and Mentoring Program. Faculty Development credit is awarded to faculty participating in these roundtable discussions
- AVP, Instructional Resources and Technology served on Distance Learning Advisory Committee, appointed by TACC, which is the governing body for the Virtual College of Texas
- Increase in distance education enrollment and number of sections delivered by a distance education delivery mode

## 2003-2004 Distance Education Student Enrollment



\* Duplicated Headcount

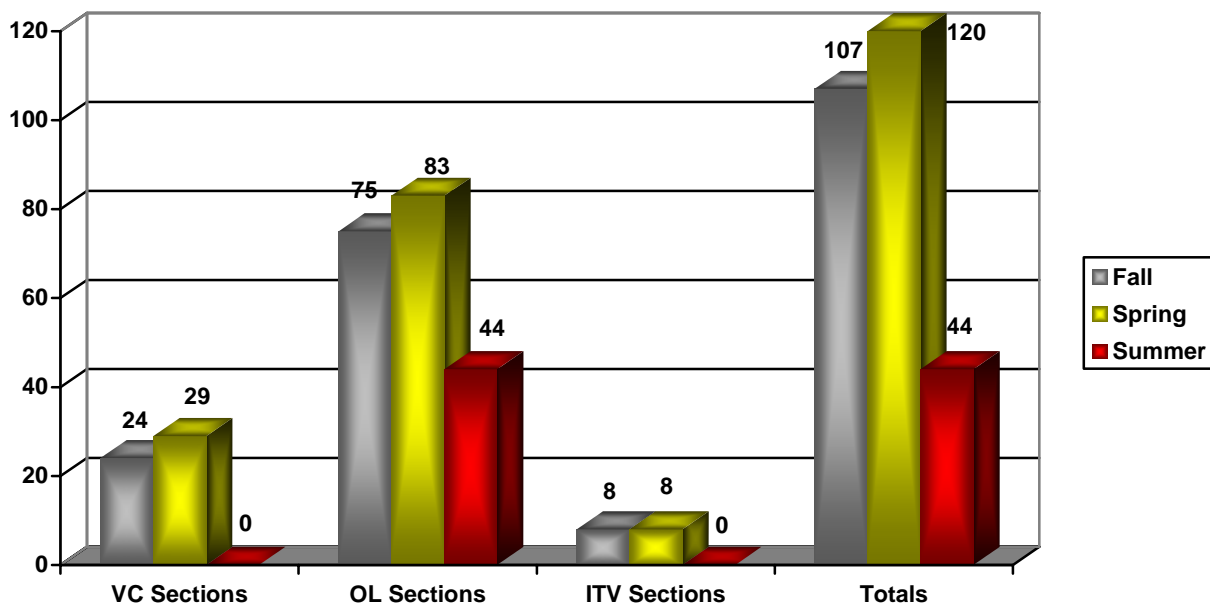
## 2004-2005 Distance Education Student Enrollment



\* Duplicated Headcount

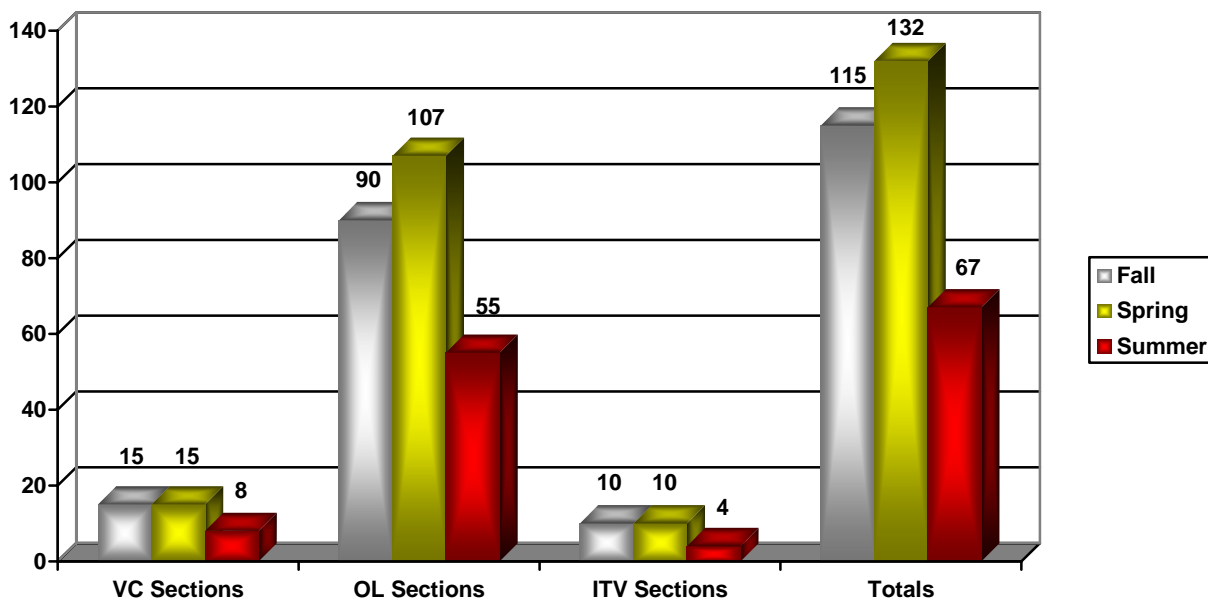


## 2003-2004 Distance Education Sections Offered



\* Duplicated Headcount

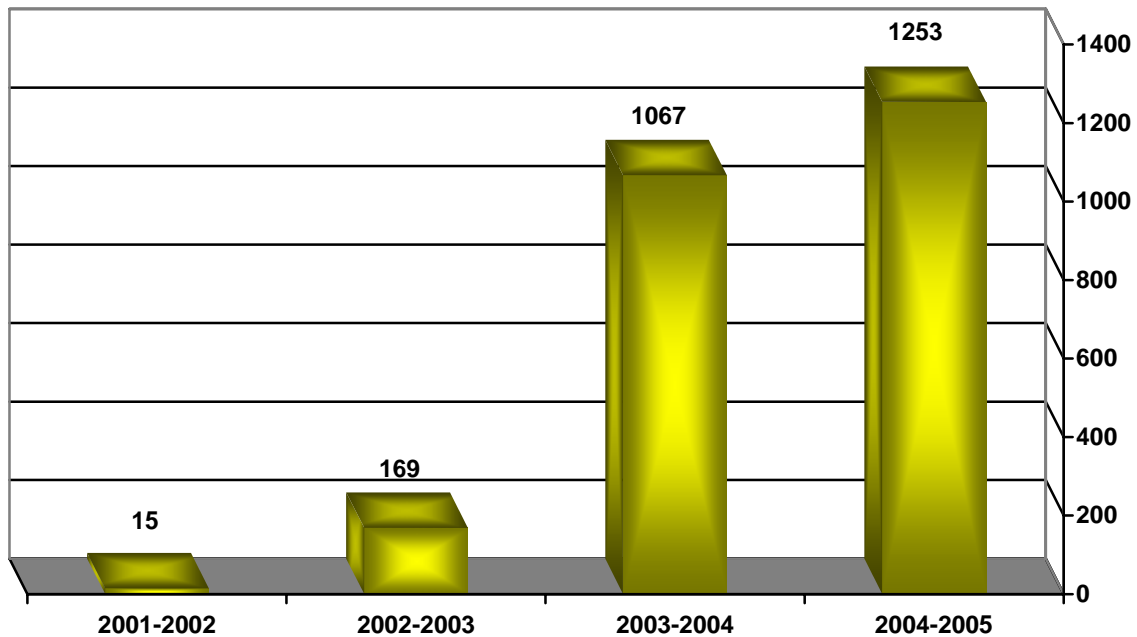
## 2004-2005 Distance Education Sections Offered



\* Duplicated headcount



## Distance Education Dual Credit Enrollment Growth



\* Duplicated Headcount

- Distance Education Office developed a comprehensive level of support services to students, faculty and high school staff participating in dual credit and distance education.
- Integrated Technology Committee assisted with funding the purchase of new state-of-the-art videoconferencing equipment.
- Purchased 3 wireless carts and 60 notebook computers to upgrade videoconferencing classrooms at Mission del Paso, Transmountain and Valle Verde into “smart classrooms.”
- Purchased 20 notebook computers to lend to faculty teaching distance education as part of an incentive program.
- Provided wireless cart demonstrations to the Board of Trustees, students, faculty and staff to showcase the wireless capabilities of the College District.