Search results:

**Information Technology Jobs Available Now & Growing**
There are great job prospects for MiraCosta information technology graduates! With low unemployment in the field, and a projected 38% increase in jobs from 2010–2016, information technology workers are at the top of the growth scale! The San Diego Union Tribune reported in April 2010 that the IT industry is positioned to be a “driver of the economy”—and you could be at the wheel! - Cached - Similar

**Information Technology Jobs Pay Top Dollar**
The average yearly salary for a computer support specialist is $46,370, while an information technology manager can pull in $86,000 a year on average. A software engineer can expect to earn between $60,000 and $140,000 a year—a great return on your investment! - Cached - Similar

**Information Technology Has Numerous Career Paths**
From computer applications to computer programming, there are dozens of information technology careers waiting for you! MiraCosta classes, certificates and degrees prepare graduates to land jobs as computer applications professionals, programmers, and support specialists; e-commerce technicians; information and system analysts; information technology specialists; medical administrative professionals; medical insurance and coding specialists; Microsoft certified application specialists; network and desktop administrators; office assistants and managers; software engineers; and system administrators. - Cached - Similar

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The Computer Studies Department is offering **new classes, new certificates** and **new opportunities** this fall semester.

For more information see:

**Business Office Technology:** [Page 25]
**Computer Science:** [Page 30]
**Computer Studies & Information Technology:** [Page 31]
**Medical Administrative Professional:** [Page 56]
### COMPUTER SCIENCE

**CS 107 Introduction to Object-Oriented Programming**
This introductory computer programming course, students use pre-built objects to create animated storyboards in 3-D virtual worlds while learning the concepts of object-oriented programming (OOP). UC CREDIT LIMITATION: No credit if taken after CS 112. CSU; UC — credit limitation.

**OCEANSIDE CAMPUS**
- **2642** TTH 11:00am-12:45pm PORTO J 3.0 OC4804
- +1 hour weekly online.

### CS 111 Introduction to Computer Science I: Java
This course introduces computer science and an object-oriented programming language and develops basic programming skills. UC CREDIT LIMITATION: No credit if taken after CS 112. CSU; UC — credit limitation.

**OCEANSIDE CAMPUS**
- **2636** TTH 1:00pm-2:45pm PORTO J 3.0 OC4804
- **2635** M 5:30pm-9:15pm STAFF 3.0 OC4804

### CS 112 Introduction to Computer Science II: Java
This course develops advanced object-oriented programming concepts and refines the concepts of inheritance, polymorphism, and encapsulation. Topics include various data structures and their usage, recursion, modularity and abstraction, including generics, event-driven programming, graphical user interfaces, applets, and exception handling. CSU; UC CREDIT LIMITATION: CS 111.

**OCEANSIDE CAMPUS**
- **2651** W 5:30pm-9:15pm PORTO J 3.0 OC4804
- +1 hour weekly online.

### CS 138 Programming with Python
This programming course introduces Python, a dynamic, object-oriented, extensible language that is well-suited for large, complex applications as well as website development and systems administration.

**ONLINE**
- **3043** ONL STAFF 3.0 ONLINE

### CS 140 Visual Basic Programming
This course provides an in-depth, hands-on introduction to computer applications and fundamentals. Topics include computer concepts, the operating system, and word processing, spreadsheet, presentation, database, and Web browser applications. UC CREDIT LIMITATION: Credit for CSIT 110 or 120. CSU; UC — credit limitation.

**OCEANSIDE CAMPUS**
- **3057** S 9:00am-11:45am SANDERS C 1.5 OC4803A
- **3058** MW 5:00pm-6:45pm HERRICK J 1.5 OC4803A

### CS 139 Computer Architecture and Assembly Language
This course introduces the fundamental physical and structural concepts of assembly language programming. Topics include machine architecture, memory addressing, input/output, interrupts, control structures, compiling, and linking. CSU; UC CREDIT LIMITATION: CS 112.

**OCEANSIDE CAMPUS**
- **2644** TTH 3:30pm-5:15pm PORTO J 3.0 OC4804
- +1 hour weekly online.

### CS 220 Computer Architecture and Assembly Language
This course introduces the fundamental physical and structural concepts of assembly language programming. Topics include machine architecture, memory addressing, input/output, interrupts, control structures, compiling, and linking. CSU; UC CREDIT LIMITATION: CS 112.

**OCEANSIDE CAMPUS**
- **3045** TH 5:30pm-9:15pm STAFF 3.0 OC4804
- +1 hour weekly online.

### COMPUTER STUDIES & INFORMATION TECHNOLOGY

**CSIT 100 Computer Basics I**
In this first of a two-course sequence, students with little to no computer experience develop and strengthen their basic computer skills. Topics include basic computer techniques and literacy in computer concepts.

**OCEANSIDE CAMPUS**
- **3059** TTH 9:30am-10:45am MURRAY C 1.5 OC4803A

**LATE-START/OCEANSIDE**
- **3061** MW 5:00pm-6:15pm HERRICK J 1.5 OC4803A
- **3060** S 9:00am-11:45am SANDERS C 1.5 OC4803A

### CSIT 105 Computer Basics II
This course provides new and expanded study in the areas of basic computer techniques and literacy in computer concepts. Topics include Windows, hierarchical file and folder management, multi-tasking, word processing, safe and ethical Internet practices, e-mail, spreadsheet creation, computer maintenance, security, and purchasing a computer. CSU ADVISORY: CSIT 100.

**OCEANSIDE CAMPUS**
- **3063** TTH 9:30am-10:45am MURRAY C 1.5 OC4803A

**ONLINE**
- **3071** ONL STAFF 3.0 ONLINE

### CSIT 107 Introduction to Object-Oriented Programming
For students whose work is related to their declared major. No credit if taken after CS 112. CSU; UC — credit limitation.

**OCEANSIDE CAMPUS**
- **3064** MW 5:00pm-6:15pm HERRICK J 1.5 OC4803A
- **3065** W 6:30pm-9:15pm LOUGHER E 3.0 OC4803A
- **3066** M 11:00am-12:15pm ISACHSEN S 3.0 OC4803A

### CSIT 110 Computer Applications
This course provides an in-depth, hands-on introduction to computer applications and fundamentals. Topics include computer concepts, the operating system, and word processing, spreadsheet, presentation, database, and Web browser applications. UC CREDIT LIMITATION: Credit for CSIT 110 or 120. CSU; UC — credit limitation. ADVISORY: CSIT 105.

**OCEANSIDE CAMPUS**
- **3067** TTH 9:30am-10:45am ISACHSEN S 3.0 OC4803A

**ONLINE**
- **3071** ONL STAFF 3.0 ONLINE

### CSIT 108 Computer Applications
This course provides an in-depth, hands-on introduction to computer applications and fundamentals. Topics include computer concepts, the operating system, and word processing, spreadsheet, presentation, database, and Web browser applications. UC CREDIT LIMITATION: Credit for CSIT 110 or 120. CSU; UC — credit limitation. ADVISORY: CSIT 105.

**OCEANSIDE CAMPUS**
- **3062** TTH 8:00am-9:15am LEE S 3.0 OC4803A
- **3063** S 9:00am-11:45am LEE S 3.0 OC4804
- **3064** MW 2:00pm-3:15pm PELKIE T 3.0 OC4803A
- **3065** W 6:30pm-9:15pm LOUGHER E 3.0 OC4803A
- **3066** M 11:00am-12:15pm ISACHSEN S 3.0 OC4803A

### SAN ELIO CAMPUS IN CARDFISH
This is an accelerated 8-week section. Upon enrollment, students must complete the online signup exercise at miracosta.edu/computerapplications by 8/19.

**ONLINE**
- **3070** ONL STAFF 3.0 ONLINE
- **3071** ONL ISACHSEN S 3.0 ONLINE
- **3072** ONL LEE S 3.0 ONLINE
### COMPUTER STUDIES & INFORMATION TECHNOLOGY

#### CSIT 100 Computer Basics I
- **LATE-START/OCEANSIDE**
  - +3068 TTH 6:30pm-9:00pm SAYBLE-THORN 3.0 OC4803A
  - THIS IS A LATE-START CLASS, (09/07-12/14).

#### CSIT 105 Computer Basics II
- **LATE-START/OCEANSIDE**
  - +3069 MW 6:30pm-8:00pm VANPELT K 3.0 SAN108
  - THIS IS A LATE-START CLASS, (09/08-12/13).

#### CSIT 110 Computer Applications
- **LATE-START/OCEANSIDE**
  - +3072 ONL ANDERSEN A 3.0 ONLINE
  - Upon enrolling, students must complete the online signup exercise at miracosta.edu/computerapplications by 9/2.
  - This is an accelerated 8-week section. Upon enrolling, students must complete the online signup exercise at miracosta.edu/computerapplications by 10/14.

#### CSIT 115 Intermediate Computer Applications
- **LATE-START/OCEANSIDE**
  - +3073 ONL ISACHSEN S 3.0 ONLINE
  - Upon enrolling, students must complete the online signup exercise at miracosta.edu/computerapplications by 9/2.

#### CSIT 120 Fundamentals of Computer Information Systems
- **LATE-START/OCEANSIDE**
  - +3074 ONL ISACHSEN S 3.0 ONLINE
  - Upon enrolling, students must complete the online signup exercise at miracosta.edu/computerapplications by 9/2.

#### CSIT 125 Microsoft Word for Business
- **LATE-START/OCEANSIDE**
  - +3077 M 2:00pm-4:00pm STRIEBEL K 3.0 OC4809
  - &M 4:00pm-4:45pm STRIEBEL K 3.0 OC4612
  - THIS IS A LATE-START CLASS, (09/13-12/13).

#### CSIT 130 Computer Applications
- **LATE-START/OCEANSIDE**
  - +3078 ONL SAYBLE-THORN 3.0 ONLINE
  - Upon enrolling, students must complete the online signup exercise at miracosta.edu/computerapplications by 9/2.

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**Did you know?**

Smoking is only allowed in designated smoking areas on the Oceanside and San Elijo campuses and at the CLC. Please look at the map at the back of this schedule to find the locations of designated smoking areas. Signs at each campus also mark the location of these areas.
CSIT 128 Microsoft Excel for Business
Students learn how to use Microsoft Excel for spreadsheet and chart creation in a business environment. This comprehensive course includes fundamentals as well as advanced skills and techniques. This course helps prepare students for the Microsoft Certification Exam. CSU ADVISORY: CSIT 105.

ONLINE
3080 ONL ANDERSEN A 3.0 ONLINE
Upon enrolling, students must complete the online signup exercise at miracosta.edu/computerapplications by 8/19.

LATE-START/OCEANSIDE
3079 W 11:00am-12:15pm HAMIDY W 3.0 OCA0803A ONLINE
+1.75 hours weekly online.
THIS IS A LATE-START CLASS, (09/08-12/15).

LATE-START/ONLINE
3081 ONL AFZALI A 3.0 ONLINE
Upon enrolling, students must complete the online signup exercise at miracosta.edu/computerapplications by 9/2.
THIS IS A LATE-START CLASS, (09/07-12/17).

CSIT 131 Microsoft Access for Business
Students learn how to use Microsoft Access for database creation in a business environment. This comprehensive course includes fundamentals as well as advanced skills and techniques. This course helps prepare students for the Microsoft Certification Exam. CSU ADVISORY: CSIT 105.

LATE-START/ONLINE
3082 ONL AFZALI A 3.0 ONLINE
Upon enrolling, students must complete the online signup exercise at miracosta.edu/computerapplications by 10/14.
THIS IS A LATE-START CLASS, (10/18-12/11).

CSIT 134 Microsoft PowerPoint for Business
Students learn how to use Microsoft PowerPoint for creating electronic presentations in business environments. This comprehensive course includes fundamentals as well as advanced skills and techniques. This course helps prepare students for the Microsoft Certification Exam. CSU ADVISORY: CSIT 105.

LATE-START/ONLINE
3083 ONL HAMIDY W 3.0 ONLINE
Upon enrolling, students must complete the online signup exercise at miracosta.edu/computerapplications by 9/2.
THIS IS A LATE-START CLASS, (09/07-12/17).

CSIT 137 Google Apps for Business
Students learn how to use Google Apps in a business environment. Topics include Google Search, Gmail, Google Calendar, Google Docs, Google Spreadsheets, Google Presentations, and emerging trends in Google Apps. CSU ADVISORY: CSIT 105.

LATE-START/ONLINE
3084 ONL SAYBLE-THORN 3.0 ONLINE
Upon enrolling, students must complete the online signup exercise at miracosta.edu/computerapplications by 9/2.
THIS IS A LATE-START CLASS, (09/07-12/17).

CSIT 146 Internet Presence for the Small and Medium Business
This course covers the principles and technologies involved in creating a Web presence for a small or medium-sized business (SMB). Students create a starter e-business Web site or improve an existing one. CSU

ONLINE
3085 ONL LOUGHERY E 3.0 ONLINE
Upon enrolling, students must complete the online signup exercise at miracosta.edu/computerapplications by 9/2.
THIS IS A LATE-START CLASS, (09/07-12/17).

Looking for a new career?
If you’re a people person, check out these career options — you can earn a certificate in 2–4 semesters:

Child Development
Criminology
(see Administration of Justice)

Dance Instructor

Hotel Management
(see Hospitality)

Law Enforcement
(see Administration of Justice)

Massage Therapy
(see Health)

Medical Office
(see Medical Administrative Professional)

Nursing—CNA, LVN, RN

Personal Fitness Training
(see Kinesiology)

Pilates Instructor
(see Dance)

Restaurant Management
(see Hospitality)

Secretary/Administrative Assistant
(see Business Office Technology)

Travel & Tourism Management
(see Hospitality)

Yoga Instructor
(see Kinesiology)

NEED CAREER COUNSELING OR HELP CHOOSING A MAJOR?
Stop by the Career Center in Building 3700 on the Oceanside Campus, or call (760) 795-6772.
Career Center staff will be at the San Elijo Campus by appointment.
MIRACOSTA CREDIT COURSES • FALL 2010

COMPUTER STUDIES & INFORMATION TECHNOLOGY

CSIT 149 Introduction to Windows for Business and Power Users
This course covers the current Microsoft Windows operating system. Students install the operating system, create and manage accounts, install applications, manage files and folders, including folder sharing, and customize Windows. CSU

SAN ELIJO CAMPUS IN CARDFIIFF
Room #
3089 M 6:00pm-7:45pm COWELL III F 3.0 SAN309
&ONL
+1 hour weekly online.

CSIT 155 Web 2.0
This course examines Web 2.0, focusing on Web applications and services that facilitate creativity, collaboration, and information sharing among users. It explores historical development and emerging trends. Students preview and learn to manipulate the most significant various Web 2.0 applications and services. CSU
ADVISORY: CSIT 105.

LATE-START/ONLINE
3089 ONL PELKIE T 3.0 ONLINE
Upon enrolling, students must complete the online signup exercise at miracosta.edu/computerapplications by 9/2. THIS IS A LATE-START CLASS, (09/07-12/17).

CSIT 171 Fundamentals of Computer Networks and Security
This course presents the basics of computer network design and operation and computer and network security. It prepares students for the CompTIA Network+ and Security+ certification exams. CSU

SAN ELIJO CAMPUS IN CARDFIIFF
Room #
3091 T 6:00pm-8:45pm PARKS M 4.0 SAN309
&ONL
+1 hour weekly online.

CSIT 172 Windows Networking Environment
This course provides a broad understanding of Microsoft Windows Server. It prepares students for network server administration and Windows certification exams. CSU

SAN ELIJO CAMPUS IN CARDFIIFF
Room #
3092 W 6:00pm-8:45pm PARKS M 4.0 SAN309
&ONL
+1 hour weekly online.

CSIT 173 Desktop Support
This course prepares students to support desktop users. It covers desktop operating system and computer implementation and support and emphasizes workstation integration in the network environment. CSU

SAN ELIJO CAMPUS IN CARDFIIFF
Room #
3093 TH 6:00pm-8:45pm PARKS M 4.0 SAN309
&ONL
+1 hour weekly online.

CSIT 298P(3.0) Coop Work Exp—Occupational
For students whose work is related to their declared major. CSU
COREQUISITES: Students must be employed in a position directly related to their declared major and must complete 75 hours of paid work or 60 hours of non-paid work per unit of credit.
NOTE: To receive instructor consent and permission number, students must submit employer contact information. Go to www.miracosta.edu/dataform or the Career Center in Building 3700, Oceanside campus, to complete the form. Questions? Call (760) 795-6772.

Note: For Adobe InDesign, Illustrator and Photoshop, see Art or Media Arts Technology.
Cisco Networking Academy classes, formerly CIS 120–123, are offered by the noncredit program and listed as NCVOC 11–14. Please go to www.miracosta.edu/cisco for additional information and class schedule. Cisco Networking classes are taught at MiraCosta’s Community Learning Center on Mission Avenue in Oceanside and are available in a variety of formats including in-class, hybrid format or online.

COSMETOLOGY

MiraCosta is not accepting applications for the cosmetology program. Students already enrolled in cosmetology courses may complete their program through MiraCosta during the 2010 summer session and fall semester. Both new and continuing students should contact Oceanside College of Beauty for enrollment information, (760) 757-6161.

COUNSELING

COUN 100 Career and Life Planning
This course assists students in successfully establishing and achieving education, career, and life goals through a comprehensive approach to effective planning. Students relate their interests, personality, learning style, transferable skills, and work values to academic major and career options. CSU; UC

SAN ELIJO CAMPUS IN CARDFIIFF
Room #
1535 MW 8:00am-9:15am WILCOX D 3.0 SAN305
ONLINE
1534 ONL GLEASON B 3.0 ONLINE

COUN 101 Orientation to College
Designed to help new students adapt to the college environment. Students will learn about college services and resources and will also analyze and improve basic college success skills. Students will learn about the requirements for certificate, degree, and transfer programs and will develop career and life goals. This class is offered pass/no pass only.

OCEANSIDE CAMPUS
Room #
3135 M 11:30am-12:29pm MOTA J 1.0 OCT307
Section 3135 is designed for students in the First Year Experience Program. Contact Counseling at 760-795-6670.
3136 W 11:30am-12:29pm MOTA J 1.0 OCT307
Section 3136 is designed for students in the First Year Experience Program. Contact Counseling at 760-795-6670.

COUN 105 Transfer Success
This course is designed to help transfer students successfully to a baccalaureate level university or college. Students will receive information about education options, college majors and how they relate to career goals, and the guaranteed transfer programs offered at MiraCosta. This class is offered pass/no pass only. CSU

OCEANSIDE CAMPUS
Room #
1531 T 12:30pm-1:20pm FLOCKEN L 1.0 OC3607
1537 W 12:30pm-1:20pm FLOCKEN L 1.0 OC3511

COUN 110 College Success Skills
Includes creative goal setting, academic and life management, college and community resources, information technology/resources, time management, memory techniques, health management, and learning styles. Recommended for new and re-entry students. CSU; UC

OCEANSIDE CAMPUS
Room #
1528 MW 9:30am-10:45am DIAZ N 3.0 OCT402
1539 MW 11:00am-12:15pm RAMIREZ F 3.0 OC3106
Designed for student in the Puente Program.
1533 TTH 2:00pm-3:15pm ASKERNEESE A 3.0 OC3103
3137 TTH 2:00pm-3:15pm LARA L 3.0 OCT307
Section 3137 is designed for students in the First Year Experience Program. Contact Counseling at 760-795-6670.
1530 MW 5:00pm-6:15pm GONZAGA J 3.0 OC3101

OCEANSIDE HIGH SCHOOL
Room #
*3138 TTH 2:45pm-4:15pm DECKER S & LOVELACE S 3.0 OHS
This section meets at Oceanside High School and does not meet the week of November 22nd.

ONLINE
1529 ONL GLEASON B 3.0 ONLINE
1538 ONL FLOCKEN L 3.0 ONLINE

+Repeatable course | *Meets off-campus (see page 114) | CSU; UC: Transferable course