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Crafton Hills College   •   11711 Sand Canyon Rd.   •   **Yucaipa, CA**   •   **909-794-2161**

REGISTRATION INFORMATION

STEP 1. Apply at www.craftonhills.edu/apply

STEP 2. Register via WebAdvisor (You will receive a WebAdvisor account after you apply.)

STEP 3. Pay your fees. Courses are $46 per unit, plus student fees*.

STEP 4. Attend class.

Questions? Call 909-389-3366

Accounting

ACCT 032   Federal and State Taxation   4.00 Units
Principles and procedures of federal and state income taxation. Preparation of tax returns, emphasizing the individual taxpayer. Volunteer tax assistance is required.
Associate Degree Applicable

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0002  50  M      05:00p-05:50p LEC   4.00  CNTL-134    Staff
          F      01:00p-04:50p LEC         CNTL-247    Staff
          S      09:00a-11:50a LEC         CNTL-247    Staff
          S      01:00p-04:50p LEC         CNTL-247    Staff
          F      01:00p-04:50p LEC         CNTL-247    Staff
          S      09:00a-11:50a LEC         CNTL-247    Staff
          S      01:00p-04:50p LEC         CNTL-247    Staff
          F      01:00p-04:50p LEC         CNTL-247    Staff
          S      09:00a-11:50a LEC         CNTL-247    Staff
          S      01:00p-04:50p LEC         CNTL-247    Staff
          ARR    3 HRS/WK      LAB         CNTL-134    Staff
```

ACCT 033   Federal and State Income Tax Preparation   1.00 Unit
Review of the principles and procedures of federal and state income taxation and survey of current-year tax code changes. Preparation of tax returns, emphasizing the individual taxpayer. Volunteer tax assistance is required.
Associate Degree Applicable
PREREQUISITE: ACCT 032

```
0004  95  ARR    3.5 HRS/WK    LAB   1.00  CNTL-134    Staff
          Note: Ref. No. 0004 - 14 week class: 02/08 - 05/20
```

ACCT 105   Accounting Concepts with Quickbooks   4.00 Units
Fundamentals of bookkeeping and accounting procedures, including recording transactions in journals and use of controlling accounts and related schedules. Practice in opening, adjusting and closing various professional sets of books. Use of Quickbooks bookkeeping software.
Associate Degree Applicable
Course credit transfers to CSU.

```
0006  60  M      06:00p-09:50p LEC   4.00  CNTL-134    Romero,J
```

ACCT 208   Introduction to Financial Accounting 4.00 Units
Fundamental concepts and procedures of managerial accounting including the use of management accounting information in decision making.
Associate Degree Applicable
Course credit transfers to both CSU and UC.

```
0008  10  MW     08:00a-09:50a LEC   4.00  CNTL-134    Giles,B
0010  25  TTH    11:00a-12:50p LEC   4.00  CNTL-134    Fleishman,R
0012  55  T      06:00p-09:50p LEC   4.00  MODS-MOD3   Fleishman,R
```

ACCT 209   Introduction to Managerial Accounting   4.00 Units
Fundamental concepts and procedures of managerial accounting including the use of management accounting information in decision making.
Associate Degree Applicable

Course credit transfers to both CSU and UC.
PREREQUISITE: ACCT 208

```
0014  20  MW     10:00a-11:50a LEC   4.00  CNTL-134    Giles,B
This section will participate in Crafton Hills College's Tablet
Initiative.  Students enrolled in this section will be required to
provide their own mobile computing device (e.g. tablet, laptop or
smartphone) for the duration of the course.

0016  55  TH     06:00p-09:50p LEC   4.00  CNTL-134    Romero,J
```

Business Administration

BUSAD 100   Introduction to Business   3.00 Units
Introduction to the fundamental concepts of business in today's economy. Survey of business entities and business activities including accounting, finance, management and marketing.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

```
0196  30  MW     01:00p-02:15p LEC   3.00  MODS-MOD3   Staff
0198  15  TTH    09:30a-10:45a LEC   3.00  MODS-MOD3   Barger,H
0200  71  M      07:00p-09:50p LEC   3.00  MODS-MOD2   Pantoja,S
                 05/23/16
          ARR    5 HRS/WK      LEC         -           Pantoja,S
     Note: Ref. No. 0200 - 9 week class: 03/28 - 05/26
     Note:  This hybrid class includes (1) one on-campus meeting,
     online components and a MANDATORY course orientation on Monday,
     March 28 at 7:00 PM in Modular 2 (MODS MOD-2).  Participation
     in this class requires the student to have regular access to a
     computer, tablet or similar device with internet connectivity
     and Blackboard (Bb) capability. On the first day of class
     students must log into Bb to access this course and receive
     initial information from the instructor (typically located on
     the announcement page of the course). Students with no previous
     experience in online/hybrid courses are encouraged to enroll in
     CHC 062, Introduction to Online Learning.

0202  70  T      06:00p-08:50p LEC   3.00  MODS-MOD1   Pantoja,S
                 05/17/16
          ARR    2.5 HRS/WK    LEC         -           Pantoja,S
     Note:  This hybrid class includes (1) one on-campus meeting,
     online components and a MANDATORY course orientation on Tuesday,
     January 19 at 6:00 PM in Modular 1 (MODS MOD-1).  Participation
     in this class requires the student to have regular access to a
     computer, tablet or similar device with internet connectivity
     and Blackboard (Bb) capability. On the first day of class
     students must log into Bb to access this course and receive
     initial information from the instructor (typically located on
     the announcement page of the course). Students with no previous
     experience in online/hybrid courses are encouraged to enroll in
     CHC 062, Introduction to Online Learning.

0204  65  TH     07:00p-09:50p LEC   3.00  CYN-116     Nelson,W
```

BUSAD 200   Business Management   3.00 Units
Concepts and applications of successful management functions including planning, organizing, staffing, directing, decision making and controlling business activity.
Associate Degree Applicable
Course credit transfers to CSU.
DEPARTMENTAL RECOMMENDATION: Successful completion of BUSAD 100

```
0210  20  MW     10:00a-11:15a LEC   3.00  MODS-MOD3   Staff
```

BUSAD 210   Business Law   3.00 Units
An introduction to the American legal system and principles of law as applied to businesses. Topics include sources of law, legal reasoning, ethics, criminal law, contracts, torts, agency, liability, theUniform Commercial Code, sales, business organizations, and judicial and administrative processes.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

```
0212  35  TTH    02:00p-03:15p LEC   3.00  WEST-111    King,P
0214  60  M      07:00p-09:50p LEC   3.00  CYN-116     Staff
```

Communication Studies

COMMST 100   Elements of Public Speaking   3.00 Units
Introductory study and training in public communication.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
DEPARTMENTAL RECOMMENDATION: Concurrent enrollment in ENGL 015 or eligibility for ENGL 101

```
0302  10  MW    08:30a-09:45a LEC   3.00  EAST-106  O'Shaughnessy,V
0304  20  MW    10:00a-11:15a LEC   3.00  EAST-106  O'Shaughnessy,V
0306  30  MW    01:00p-02:15p LEC   3.00  EAST-106  Drake-Green,P
0308  40  MW    03:30p-04:45p LEC   3.00  MODS-MOD2 Edris,E
0312  15  TTH   09:00a-10:15a LEC   3.00  MODS-MOD1 Staff
0314  35  TTH   02:00p-04:50p LEC   3.00  EAST-106  Urbanovich,J
Note: Ref. No. 0314 - 9 week class: 01/19 - 03/24
0316  36  TTH   02:00p-03:15p LEC   3.00  MODS-MOD1 Wassing,A

0318  70  T     10:00a-12:50p LEC   3.00  EAST-106  Urbanovich,J
                01/19/16
          T     10:00a-12:50p LEC         EAST-106  Urbanovich,J
                01/26/16
          T     10:00a-12:50p LEC         EAST-106  Urbanovich,J
                02/02/16
          T     10:00a-12:50p LEC         EAST-106  Urbanovich,J
                02/09/16
          T     10:00a-12:50p LEC         EAST-106  Urbanovich,J
                02/16/16
          T     10:00a-12:50p LEC         EAST-106  Urbanovich,J
                02/23/16
          T     10:00a-12:50p LEC         EAST-106  Urbanovich,J
                03/01/16
          ARR   3.5 HRS/WK    LEC    -              Urbanovich,J
Note: Ref. No. 0318 - 9 week class: 01/19 - 03/22
```
This hybrid class includes (7) seven on-campus meetings and online components. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

```
0320  71  T     10:00a-12:50p LEC   3.00  EAST-106  Urbanovich,J
                03/29/16
          T     10:00a-12:50p LEC         EAST-106  Urbanovich,J
                04/05/16
          T     10:00a-12:50p LEC         EAST-106  Urbanovich,J
                04/19/16
          T     10:00a-12:50p LEC         EAST-106  Urbanovich,J
                04/26/16
          T     10:00a-12:50p LEC         EAST-106  Urbanovich,J
                05/03/16
          T     10:00a-12:50p LEC         EAST-106  Urbanovich,J
                05/10/16
          T     10:00a-12:50p LEC         EAST-106  Urbanovich,J
                05/17/16
          ARR   3.5 HRS/WK    LEC    -              Urbanovich,J
Note: Ref. No. 0320 - 9 week class: 03/29 - 05/24
```
This hybrid class includes (7) seven on-campus meetings and online components. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

```
0324  80  F     09:00a-11:50a LEC   3.00  EAST-106  Parente,Z
0328  60  M     07:00p-09:50p LEC   3.00  EAST-106  Edris,E
0330  45  TTH   04:00p-05:15p LEC   3.00  MODS-MOD1 Wassing,A
0332  55  T     07:00p-09:50p LEC   3.00  EAST-106  Mann,K
```

COMMST 111   Interpersonal Communication   3.00 Units
Examination of the dynamics of the communication process within the context of interpersonal relationships. Principles of effective listening and accurate expression of verbal and nonverbal messages.
Associate Degree Applicable
Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

```
0338  01  MW    07:00a-08:15a LEC   3.00  EAST-106  O'Shaughnessy,V
0340  30  MW    01:00p-02:15p LEC   3.00  MODS-MOD1 Edris,E
0342  40  MW    03:00p-04:50p LEC   3.00  MODS-MOD1 Natividad,B
     Note: Ref. No. 0342 - 13 week class: 02/17 - 05/18
0344  15  TTH   09:00a-10:15a LEC   3.00  MODS-MOD2 Parente,Z
0346  45  TTH   05:30p-06:45p LEC   3.00  EAST-106  Wassing,A
0348  60  W     07:00p-09:50p LEC   3.00  EAST-106  Natividad,B
```

COMMST 125   Critical Thinking Through Argumentation and Debate   3.00 Units
Study of critical thinking through oral advocacy and debate. Principles of effective argumentation including logic, reasoning, evidence, motivation, persuasion and refutation. Preparation and   presentation of written and oral arguments and participation in individual and group debates. Substantial analytical reading is required.
This course is also offered as COMMST-125H.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: ENGL 101 or ENGL 101H
DEPARTMENTAL RECOMMENDATION: Successful completion of COMMST 100 or COMMST 100H

```
0352  35  TTH   02:00p-04:50p LEC   3.00  EAST-106  Urbanovich,J
     Note: Ref. No. 0352 - 9 week class: 03/29 - 05/26
```

COMMST 174   Communication in a Diverse World   3.00 Units
Study of the multicultural nature of communication   in our diverse world. Examines how interactions are influenced by culture. Exploration of personal cultural identity, theories of intercultural communication, sources of cultural conflict, and development of skills for effective intercultural communication.
Associate Degree Applicable
Course credit transfers to both CSU and UC.

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0358  70  TH    10:00a-12:50p LEC   3.00  EAST-106  Urbanovich,J
                03/31/16
          TH    10:00a-12:50p LEC         EAST-106  Urbanovich,J
                04/07/16
          TH    10:00a-12:50p LEC         EAST-106  Urbanovich,J
                04/14/16
          TH    10:00a-12:50p LEC         EAST-106  Urbanovich,J
                04/21/16
          TH    10:00a-12:50p LEC         EAST-106  Urbanovich,J
                04/28/16
          TH    10:00a-12:50p LEC         EAST-106  Urbanovich,J
                05/05/16
          TH    10:00a-12:50p LEC         EAST-106  Urbanovich,J
                05/12/16
          TH    10:00a-12:50p LEC         EAST-106  Urbanovich,J
                05/19/16
          TH    10:00a-12:50p LEC         EAST-106  Urbanovich,J
                05/26/16
          ARR   3 HRS/WK      LEC    -              Urbanovich,J
Note: Ref. No. 0358 - 9 week class: 03/31 - 05/26
```
This hybrid class includes (9) nine on-campus meetings and online components. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor(typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

COMMST 178   Communication in a Technological World   3.00 Units
Study of the evolving nature of communication in an increasingly technological world. Examination of the influence of technology on perception, personal relationships, self-identity and development of skills to effectively communicate in the digital world. Historical development of communication technology, critical analysis of mediated messages and the influence of technology on society and culture as well as individual physical, psychological and social development.
Associate Degree Applicable
Course credit transfers to both CSU and UC.
DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

```
0360  70  TH    10:00a-12:50p LEC   3.00  EAST-106  Urbanovich,J
                01/21/16
          TH    10:00a-12:50p LEC         EAST-106  Urbanovich,J
```

Ref	Sec	Days	Time	Type/Units	Room	Instructor
			01/28/16			
		TH	10:00a-12:50p	LEC	EAST-106	Urbanovich,J
			02/04/16			
		TH	10:00a-12:50p	LEC	EAST-106	Urbanovich,J
			02/11/16			
		TH	10:00a-12:50p	LEC	EAST-106	Urbanovich,J
			02/18/16			
		TH	10:00a-12:50p	LEC	EAST-106	Urbanovich,J
			02/25/16			
		TH	10:00a-12:50p	LEC	EAST-106	Urbanovich,J
			03/03/16			
		TH	10:00a-12:50p	LEC	EAST-106	Urbanovich,J
			03/10/16			
		TH	10:00a-12:50p	LEC	EAST-106	Urbanovich,J
			03/24/16			
		ARR	3 HRS/WK	LEC	-	Urbanovich,J

Note: Ref. No. 0360 - 9 week class: 01/21 - 03/24
This hybrid class includes (9) nine on-campus meetings and online components. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.

Computer Information Systems

CIS 101   Introduction to Computer and Information Technology

3.00 Units

Introduction to computer and information technology. Includes an overview and the use of computer software including word processing, spreadsheets, presentation applications and databases. No previous computer experience is required.

Associate Degree Applicable
Course credit transfers to both CSU and UC.

Ref	Sec	Days	Time	Type	Units	Room	Instructor
0362	10	M	08:00a-09:50a	LEC	3.00	CNTL-136	Papp,E
		W	09:00a-09:50a	LEC		CNTL-136	Papp,E

Note: This course includes instruction on the use of the Microsoft Office 2013 Suite. All Crafton Hills College students are eligible to install Microsoft Office 2013 on up to five computers or tablets at no charge. Mac users enrolling in CIS 101 must download and install Oracle VM VirtualBox in order to run the Windows-compatible version of Microsoft Office 2013 required for the course. VirtualBox is available for download at www.virtualbox.org. For more information and instructions for downloading Microsoft Office 365, visit www.craftonhills.edu/current_students/software_discounts. Assistance downloading and installing Microsoft Office, VirtualBox and MS Windows is available to students enrolled in CIS 101 in CNTL-136 during open computer lab hours.

Ref	Sec	Days	Time	Type	Units	Room	Instructor
0364	20	M	10:00a-11:50a	LEC	3.00	CNTL-136	Papp,E
		W	10:00a-10:50a	LEC		CNTL-136	Papp,E

Note: This course includes instruction on the use of the Microsoft Office 2013 Suite. All Crafton Hills College students are eligible to install Microsoft Office 2013 on up to five computers or tablets at no charge. Mac users enrolling in CIS 101 must download and install Oracle VM VirtualBox in order to run the Windows-compatible version of Microsoft Office 2013 required for the course. VirtualBox is available for download at www.virtualbox.org. For more information and instructions for downloading Microsoft Office 365, visit www.craftonhills.edu/current_students/software_discounts. Assistance downloading and installing Microsoft Office, VirtualBox and MS Windows is available to students enrolled in CIS 101 in CNTL-136 during open computer lab hours.

Ref	Sec	Days	Time	Type	Units	Room	Instructor
0366	30	M	01:00p-02:50p	LEC	3.00	CNTL-136	Vasquez,A
		W	01:00p-01:50p	LEC		CNTL-136	Vasquez,A

Note: This course includes instruction on the use of the Microsoft Office 2013 Suite. All Crafton Hills College students are eligible to install Microsoft Office 2013 on up to five computers or tablets at no charge. Mac users enrolling in CIS 101 must download and install Oracle VM VirtualBox in order to run the Windows-compatible version of Microsoft Office 2013 required for the course. VirtualBox is available for download at www.virtualbox.org. For more information and instructions for downloading Microsoft Office 365, visit www.craftonhills.edu/current_students/software_discounts. Assistance downloading and installing Microsoft Office,

VirtualBox and MS Windows is available to students enrolled in CIS 101 in CNTL-136 during open computer lab hours.

Ref	Sec	Days	Time	Type	Units	Room	Instructor
0368	15	T	09:00a-10:50a	LEC	3.00	CNTL-136	Ruiz,S
		TH	10:00a-10:50a	LEC		CNTL-136	Ruiz,S

Note: This course includes instruction on the use of the Microsoft Office 2013 Suite. All Crafton Hills College students are eligible to install Microsoft Office 2013 on up to five computers or tablets at no charge. Mac users enrolling in CIS 101 must download and install Oracle VM VirtualBox in order to run the Windows-compatible version of Microsoft Office 2013 required for the course. VirtualBox is available for download at www.virtualbox.org. For more information and instructions for downloading Microsoft Office 365, visit www.craftonhills.edu/current_students/software_discounts. Assistance downloading and installing Microsoft Office, VirtualBox and MS Windows is available to students enrolled in CIS 101 in CNTL-136 during open computer lab hours.

Ref	Sec	Days	Time	Type	Units	Room	Instructor
0370	25	T	11:00a-12:50p	LEC	3.00	CNTL-136	Ruiz,S
		TH	11:00a-11:50a	LEC		CNTL-136	Ruiz,S

Note: This course includes instruction on the use of the Microsoft Office 2013 Suite. All Crafton Hills College students are eligible to install Microsoft Office 2013 on up to five computers or tablets at no charge. Mac users enrolling in CIS 101 must download and install Oracle VM VirtualBox in order to run the Windows-compatible version of Microsoft Office 2013 required for the course. VirtualBox is available for download at www.virtualbox.org. For more information and instructions for downloading Microsoft Office 365, visit www.craftonhills.edu/current_students/software_discounts. Assistance downloading and installing Microsoft Office, VirtualBox and MS Windows is available to students enrolled in CIS 101 in CNTL-136 during open computer lab hours.

Ref	Sec	Days	Time	Type	Units	Room	Instructor
0372	70	ARR		LEC	3.00	-	Yau,M

This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.
Note: This course includes instruction on the use of the Microsoft Office 2013 Suite. All Crafton Hills College students are eligible to install Microsoft Office 2013 on up to five computers or tablets at no charge. Mac users enrolling in CIS 101 must download and install Oracle VM VirtualBox in order to run the Windows-compatible version of Microsoft Office 2013 required for the course. VirtualBox is available for download at www.virtualbox.org. For more information and instructions for downloading Microsoft Office 365, visit www.craftonhills.edu/current_students/software_discounts. Assistance downloading and installing Microsoft Office, VirtualBox and MS Windows is available to students enrolled in CIS 101 in CNTL-136 during open computer lab hours.

Ref	Sec	Days	Time	Type	Units	Room	Instructor
0376	72	ARR	6 HRS/WK	LEC	3.00	-	Yau,M

Note: Ref. No. 0376 - 9 week class: 03/28 - 05/26
This is an online class with no on-campus meetings. Participation in this class requires the student to have regular access to a computer, tablet or similar device with internet connectivity and Blackboard (Bb) capability. On the first day of class students must log into Bb to access this course and receive initial information from the instructor (typically located on the announcement page of the course). Students with no previous experience in online/hybrid courses are encouraged to enroll in CHC 062, Introduction to Online Learning.
Note: This course includes instruction on the use of the Microsoft Office 2013 Suite. All Crafton Hills College students are eligible to install Microsoft Office 2013 on up to five computers or tablets at no charge. Mac users enrolling in CIS 101 must download and install Oracle VM VirtualBox in order to run the Windows-compatible version of Microsoft Office 2013 required for the course. VirtualBox is available for download at www.virtualbox.org. For more information and instructions for downloading Microsoft Office 365, visit www.craftonhills.edu/current_students/software_discounts. Assistance downloading and installing Microsoft Office, VirtualBox and MS Windows is available to students enrolled in CIS 101 in CNTL-136 during open computer lab hours.

Ref	Sec	Days	Time	Type	Units	Room	Instructor
0378	65	T	07:00p-09:50p	LEC	3.00	CNTL-136	Gimple,T

Note: This course includes instruction on the use of the Microsoft Office 2013 Suite. All Crafton Hills College students are eligible to install Microsoft Office 2013 on up to five computers or tablets at no charge. Mac users enrolling in CIS 101 must download and install Oracle VM VirtualBox in order to run the Windows-compatible version of Microsoft Office 2013

required for the course. VirtualBox is available for download at www.virtualbox.org. For more information and instructions for downloading Microsoft Office 365, visit www.craftonhills.edu/current_students/software_discounts. Assistance downloading and installing Microsoft Office, VirtualBox and MS Windows is available to students enrolled in CIS 101 in CNTL-136 during open computer lab hours.

CIS 104   Object Oriented Programming with Visual Basic   3.00 Units

Introduction to object oriented programming using Visual Basic.

Associate Degree Applicable
Course credit transfers to CSU.

```
0380  60  MW      07:00p-08:15p LEC   3.00  CNTL-136  Nimri,A
```

CIS 105   Database Concepts and Design   3.00 Units

Fundamentals of database concepts and design. Includes coverage of entity relationship diagrams, normalizing, and SQL.

Associate Degree Applicable
Course credit transfers to CSU.
PREREQUISITE: CIS 101 or BUSAD 230

```
0382  65  TH      07:00p-09:50p LEC   3.00  CNTL-136  Vasquez,A
```

CIS 111   Web Page Programming and Design   3.00 Units

Introduction to web page design, programming and administration using HTML, XHTML, CSS and scripting languages.

Associate Degree Applicable
Course credit transfers to CSU.

```
0384  45  TTH     04:30p-05:45p LEC   3.00  CNTL-134  Mills,B
```

CIS 113   Java Programming   3.00 Units

Introduction to Java Programming. Includes program design and development, program logic structures, classes and objects, object-oriented design, inheritance, arrays, graphical user interfaces, and applets.

Associate Degree Applicable
Course credit transfers to both CSU and UC.
DEPARTMENTAL RECOMMENDATION: Successful completion of CIS 101

```
0386  30  MW     01:00p-02:50p LEC   3.00  CNTL-135  Walter,M
      Note: Ref. No. 0386 - 13 week class: 02/22 - 05/23
```

CIS 130   Hardware and Information Technology   3.00 Units

Hands-on course covering basic computer hardware, operating system software and utility programs, management and maintenance. Includes hardware components, troubleshooting as well as preparation for industry standard certification exams.

Associate Degree Applicable
DEPARTMENTAL RECOMMENDATION: Successful completion of CIS 101

```
0388  60  W      07:00p-09:50p LEC   3.00  CNTL-135  Romano,N
```

CIS 140   Introduction to Networks (Cisco CCNA 1) Businesses (Cisco CCNA 1)   4.00 Units

First of four courses leading to the Cisco Certified Network Associate (CCNA) designation. Hands-on introduction to the architecture, structure, functions, components, and models of the Internet and other computer networks. Development of skills needed to build simple LANs, perform basic configurations for routers and switches, and implement IP addressing schemes.

Associate Degree Applicable
DEPARTMENTAL RECOMMENDATION: Successful completion of CIS 101

```
0390  70  TTH     08:30a-10:45a LEC   4.00  CNTL-135  Staff
          ARR     3 HRS/WK      LEC    -            Staff
      Note: Ref. No. 0390 - 9 week class: 01/19 - 03/24
      This hybrid class includes on-campus meetings and online
      components. Participation in this class requires the student
      to have regular access to a computer, tablet or similar device
      with internet connectivity and Blackboard (Bb) capability. On
      the first day of class students must log into Bb to access this
      course and receive initial information from the instructor
      (typically located on the announcement page of the course).
      Students with no previous experience in online/hybrid courses
      are encouraged to enroll in CHC 062, Introduction to Online
      Learning.
```

CIS 141   Basic Routing and Switching (Cisco CCNA2)   4.00 Units

Second of four courses leading to the Cisco Certified Network Associate (CCNA) designation. Introduction to the architecture, components, and operations of routers and switches in a small network. Development of skills needed to configure a router and switch for basic functionality.

Associate Degree Applicable
PREREQUISITE: CIS 140

```
0392  71  TTH     08:30a-10:50a LEC   4.00  CNTL-135  Staff
          ARR     3 HRS/WK      LEC    -            Staff
      Note: Ref. No. 0392 - 9 week class: 03/29 - 05/26
      This hybrid class includes on-campus meetings and online
      components. Participation in this class requires the student
      to have regular access to a computer, tablet or similar device
      with internet connectivity and Blackboard (Bb) capability. On
      the first day of class students must log into Bb to access this
      course and receive initial information from the instructor
      (typically located on the announcement page of the course).
      Students with no previous experience in online/hybrid courses
      are encouraged to enroll in CHC 062, Introduction to Online
      Learning.

0394  70  TH      06:00p-08:50p LEC   4.00  CNTL-135  Allen,D
                  01/21/16
          TH      06:00p-08:50p LEC         CNTL-135  Allen,D
                  05/26/16
          ARR     3.5 HRS/WK    LEC    -            Allen,D
      Note: Ref. No. 0394 - 17 week class: 01/21 - 05/26
      This hybrid class includes (2) two on-campus meetings and
      online components. Participation in this class requires the
      student to have regular access to a computer, tablet or similar
      device with internet connectivity and Blackboard (Bb)
      capability. On the first day of class students must log into Bb
      to access this course and receive initial information from the
      instructor (typically located on the announcement page of the
      course). Students with no previous experience in online/hybrid
      courses are encouraged to enroll in CHC 062, Introduction to
      Online Learning.
```

CIS 162   Introduction to Flash   3.00 Units

Introduction to Adobe Flash. Development of skills needed to design, create, and publish Flash animations, navigation buttons, movies, and interactive applications.

Associate Degree Applicable
Course credit transfers to CSU.

```
0396  65  T      07:00p-09:50p LEC   3.00  CNTL-135  Mills,B
```

CIS 163   Introduction to PhotoShop   3.00 Units

Design, creation, and manipulation of original and existing images and photographs using PhotoShop.

Associate Degree Applicable
Course credit transfers to CSU.

```
0398  60  M      07:00p-09:50p LEC   3.00  CNTL-135  Walter,M
```

CIS 165   Introduction to 3D Modeling and Animation   3.00 Units

Introduction to 3D modeling and animation using Autodesk Maya. Focus includes modeling, texturing, and animating computer generated environments and objects as well as overviews of the animation production pipeline for both film and videogame design.

Associate Degree Applicable
Course credit transfers to CSU.
DEPARTMENTAL RECOMMENDATION: CIS 101

```
0400  60  W      07:00p-09:50p LEC   3.00  CNTL-134  Walter,M
```

CIS 174   Introduction to Adobe Premiere   3.00 Units

Foundational course in digital video editing using Adobe Premiere. Development of skills necessary to import video from a variety of sources and apply professional edits such as cuts, transitions, lower-third overlays, and soundtrack integration.

Associate Degree Applicable
Course credit transfers to CSU.

```
0402  65  TH      06:00p-09:50p LEC   3.00  CNTL-135  Aranda,M
      Note: Ref. No. 0402 - 13 week class: 02/18 - 05/19
```

CIS 211   Cascading Style Sheet (CSS) Web Design   3.00 Units

In-depth study of Cascading Style Sheets (CSS) and their application to the design and development of Websites.
   Associate Degree Applicable
   Course credit transfers to CSU.
   PREREQUISITE: CIS 111

```
0404  50  MW       05:00p-06:15p LEC   3.00  CNTL-135   Romano,N
```

Computer Science

CSCI 110   Introduction to Computer Science I   3.00 Units
Introduction to computer science, including programming, theory and applications. Introduction to computer software design, implementation, methods, environment and problem solving using structured programming in a high-level language.
   Associate Degree Applicable
   Course credit transfers to both CSU and UC.
   PREREQUISITE: MATH 102: College Algebra or MATH 160: Precalculus or eligibility for MATH 250 as determined through the Crafton Hills College assessment process

```
0406  10  MW       09:00a-09:50a LEC   3.00  CNTL-135   Ruiz,S
          MW       10:00a-11:15a LAB         CNTL-135   Ruiz,S
      Note: This course includes instruction equivalent to a
      first-semester C++ course.
```

CSCI 120   Introduction to Computer Science II   3.00 Units
Object-oriented software development. Emphasizes software engineering principles and development for substantial programs. Topics include abstract data types, overloading, inheritance, polymorphism, recursion, pointers and fundamental data structures.
   Associate Degree Applicable
   Course credit transfers to both CSU and UC.

```
0410  35  TTH      09:00a-09:20a LEC   3.00  CNTL-134   Yau,M
          TTH      09:30a-10:45a LAB         CNTL-134   Yau,M
          ARR      1 HRS/WK      LEC         -          Yau,M
      This hybrid class includes (18) eighteen on-campus meetings
      and online components.  Participation in this class requires
      the student to have regular access to a computer, tablet or
      similar device with internet connectivity and Blackboard
      (Bb) capability. On the first day of class students must log
      into Bb to access this course and receive initial information
      from the instructor (typically located on the announcement
      page of the course). Students with no previous experience
      in online/hybrid courses are encouraged to enroll in CHC
      062, Introduction to Online Learning. Note: This course
      includes instruction equivalent to a second-semester C++
      course.
```

Economics

ECON 100   Introduction to Economics   3.00 Units
Economic analysis applied to issues and problems facing the U.S. economy. Economic problems are analyzed with the elementary tools of economics as a way of evaluating alternative choices with respect to actual or hypothetical courses of actions.
   Associate Degree Applicable
   Course credit transfers to CSU.
   Limited transfer to UC; contact a counselor for details.
   DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101.
   Eligibility for MATH 095.

```
0448  20  MW       10:00a-11:15a LEC   3.00  PSAH-226   Mansourian,F
```

ECON 200   Principles of Macroeconomics   3.00 Units
Introduction to the basic mechanisms of macroeconomics, including key underlying concepts, theories and institutions such as national income accounting, the Classical and Keynesian theories, the Federal Reserve System and commercial banking.

   Associate Degree Applicable
   Course credit transfers to both CSU and UC.
   PREREQUISITE: MATH 090 or eligibility for MATH 095 as determined through the Crafton Hills College assessment process
   DEPARTMENTAL RECOMMENDATION: Successful completion of MATH 095 or eligibility for MATH 108. Eligibility for ENGL 101

```
0450  35  TTH      02:00p-03:50p LEC   3.00  PSAH-224   Mansourian,F
      Note: Ref. No. 0450 - 13 week class: 02/23 - 05/26
0454  60  M        07:00p-09:50p LEC   3.00  CNTL-245   Staff
```

ECON 201   Principles of Microeconomics   3.00 Units
An introduction to economic principles that govern production, exchange, distribution and consumption in a capitalist economy.
   Associate Degree Applicable
   Course credit transfers to both CSU and UC.
   PREREQUISITE: MATH 090 or eligibility for MATH 095 as determined through the Crafton Hills College assessment process
   DEPARTMENTAL RECOMMENDATION: Successful completion of MATH 095 or eligibility for MATH 108. Eligibility for ENGL 101

```
0458  10  MW       08:00a-09:15a LEC   3.00  PSAH-224   Mansourian,F
0460  70  ARR      6 HRS/WK      LEC   3.00  -          Mansourian,F
      Note: Ref. No. 0460 - 9 week class: 03/28 - 05/26
      This is an online class with no on-campus meetings.
      Participation in this class requires the student to have regular
      access to a computer, tablet or similar device with internet
      connectivity and Blackboard (Bb) capability.  On the first day
      of class students must log into Bb to access this course and
      receive initial information from the instructor (typically
      located on the announcement page of the course).  Students with
      no previous experience in online/hybrid courses are encouraged
      to enroll in CHC 062, Introduction to Online Learning.

0462  45  TTH      04:00p-05:50p LEC   3.00  EAST-101   Mansourian,F
      Note: Ref. No. 0462 - 13 week class: 02/23 - 05/26
```

Geographic Information Systems

GIS 175   Introduction to Information Mapping   3.00 Units
Introduction to information mapping and Geographic Information Systems (GIS)using ArcGIS Desktop. Concepts and techniques of information mapping and data visualization.
   Associate Degree Applicable
   Course credit transfers to CSU.

```
0752  65  TH       06:30p-09:50p LEC   3.00  CNTL-247   Staff
      Note: Ref. No. 0752 - 15 week class: 02/04 - 05/19
```

Marketing

MARKET 100   Marketing Principles   3.00 Units
Principles and methods of marketing, as practiced by successfully managed business firms. Topics include demand analysis, forecasting, product development, price determination, distribution channels, material handling, advertising, and personal selling.
   Associate Degree Applicable
   Course credit transfers to CSU.
   DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101

```
1250  60  W        07:00p-09:50p LEC   3.00  CYN-116    Kalinski,F
```

Mathematics

MATH 110   Introduction to Probability and Statistics   4.00 Units
The use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. An introduction to the mathematics involved in the statistical formulas. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression analysis of variance, chi-square and t-tests; and application of technology for statistical

analysis including the interpretation of the relevance of the statistical findings. Applications using data from disciplines including business, life science, physical science, health science, education, social sciences, and psychology. If purchasing a used textbook a software access code may need to be purchased. Check with the instructor for verification.

Associate Degree Applicable
Course credit transfers to both CSU and UC.
PREREQUISITE: MATH 095: Intermediate Algebra or MATH 095C:
Intermediate Algebra part C or eligibility for MATH 110 as
determined through the Crafton Hills College assessment process.

```
1394  02  MW      08:00a-09:50a LEC   4.00  CNTL-247  Khalfallah,H
          TTH     07:00a-08:50a LEC         CNTL-247  Khalfallah,H
      Note: Ref. No. 1394 - 9 week class: 03/28 - 05/26
1396  30  MW      01:00p-02:50p LEC   4.00  CNTL-247  Bailes,B
1400  25  TTH     11:00a-12:50p LEC   4.00  CNTL-247  Bailes,B
1402  35  TTH     02:00p-03:50p LEC   4.00  CNTL-247  Bailes,B
1404  50  MW      05:00p-06:50p LEC   4.00  CNTL-247  Gutierrez,J
1406  55  TTH     06:00p-07:50p LEC   4.00  WEST-216  Jacinto,C
```

MATH 141   Calculus for Business   4.00 Units

Concepts of function and limit, differentiation and integration of polynomial, rational, exponential, and logarithmic functions; partial derivatives; applications of calculus with an emphasis in business and economics. Ask instructor for details. No UC credit granted for MATH 141 if credit has been earned for MATH 250 or MATH 251. If purchasing a used book new software access may need to be purchased at an additional expense .

Associate Degree Applicable
Course credit transfers to CSU.
Limited transfer to UC; contact a counselor for details.
PREREQUISITE: MATH 102 or eligibility for MATH 141 as determined
through the Crafton Hills College assessment process

```
1414  45  TTH     04:00p-05:50p LEC   4.00  WEST-111  Seager,E
```

Public Safety and Services

PBSF 127   Emergency Services: Decision Making And
Problem Solving   3.00 Units

This course provides individuals involved in emergency services with improved decision making skills. Students learn how to identify a problem, as distinguished from its cause or symptoms: A model for problem solving and how to apply those skills.

Associate Degree Applicable
Course credit transfers to CSU.

```
1640  80  F       09:00a-11:50a LEC   3.00  PSAH-111  Holbrook,J
```

Spanish

SPAN 019 Spanish for Medical Personnel I   3.00 Units

Introduction to Spanish for medical and hospital personnel working with Spanish speaking patients. Emphasis on developing comprehension and communication skills in Spanish and acquiring a basic medical terminology through intensive oral use and drilling exercises.

Associate Degree Applicable

```
1776  55  TTH     05:00p-06:50p LEC   3.00  WEST-107  Fiallo,C
      Note: Ref. No. 1776 - 13 week class: 02/23 - 05/26
1778  65  TTH     07:00p-09:50p LEC   3.00  WEST-107  Fiallo,C
      Note: Ref. No. 1778 - 9 week class: 01/19 - 03/24
```

SPAN 020   Spanish for Medical Personnel II   3.00 Units

A continuation of SPAN 019. Introduction to Spanish for medical and hospital personnel working with Spanish-speaking patients. Emphasis on developing comprehension and communication skills in Spanish and acquiring a basic medical terminology through intensive oral use and drilling exercises.

Associate Degree Applicable
PREREQUISITE: SPAN 019

```
1780  65  TTH     07:00p-09:50p LEC   3.00  WEST-107  Fiallo,C
      Note: Ref. No. 1780 - 9 week class: 03/29 - 05/26
```

REFUND POLICY

A. **Class cancelled by the College**
   If a class is cancelled by the College, enrollment and/or non-resident tuition fees will be refunded in their entirety. If that cancellation results in a student's withdrawal from the College, the mandatory fees will also be refunded.

B. **Withdrawal from the College**
   If a student withdraws during the first two weeks of a full-term class or during the first 10% of a short-term class, enrollment fees and/or non-resident fees will be refunded.

   In order to be eligible for a refund of parking, health, accident insurance, associated student (AS) card, student center, and the student representation fees, a student must withdraw from the college prior to the first day of the term for a full-term class or prior to the first day of instruction for a short-term class.

C. **Unit Reduction**
   If a change of a program within the first two weeks of a full-term class or during the first 10% of a short-term class results in a reduction in the number of units taken, the enrollment fee or non-resident fee will be refunded at the per-unit cost of the reduction.

D. **Dropping\Withdrawing after Refund Period**
   A student who withdraws from a class or the College after the second week of instruction for a full-term class or after the first 10% of a short-term class is not eligible for any refund.

E. **Instructor Drops**
   Students who are dropped by their instructor(s) shall be eligible for a refund or credit pursuant to the District's refund policy.

F. **Refund Processing Fee**
   A $10 processing fee will be deducted from the amount owed to the student, not to exceed $10 per student per semester. The processing fee does not apply to cancelled classes or over payments.

All refunds will be in the form of a check mailed to the student's address on file in the Admissions & Records Office. Allow 6-8 weeks for all refund checks to be processed and mailed.

You can find registration information, policies and procedures for Crafton Hills College at www.craftonhills.edu.