

EDUCATION'S BUTTERFLY EFFECT

The “butterfly effect”: One seemingly tiny change can trigger a cascade of larger events. The butterfly flutters its wings and alters the trajectory of a hurricane. Education can act like the butterfly’s wings. One action—taking a course or earning a certificate—can be the catalyst for lasting change, such as earning a promotion, launching a new career or taking your organization in a bold new direction.

This fall is the perfect time to make the change: leaves drop, seasons shift, elections happen, and school starts. Whether you want the skills to become better at your current job or you want to train for a new career, now is the time to begin that journey. Most of our certificate programs and professional concentrations offer their introductory courses in the fall quarter. Programs such as Construction Management, Business Analysis, Environmental Planning, and Health Informatics are just a few examples.

We are also excited to unveil new programs this fall. We’re offering a completely new course in Content Marketing in partnership with Copyblogger, an internationally recognized expert. We’ve redesigned one of our signature programs—Project Management—streamlining the Certificate Program and adding two, four-day intensive trainings—the Project Management Advanced Boot Camp and the Exam Preparation course. We have added new programs to address the National Environmental Policy Act (NEPA) and other regulatory laws; even offering courses in Washington, D.C. We are bringing back our popular Small Vineyard series, so get the wine presses ready. This fall is a time of change *and opportunity!*

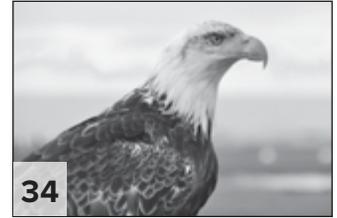
I invite you to browse the listings in this catalog and visit our website at extension.ucdavis.edu for even more in-depth information on all of our offerings. As summer winds down and Back-to-School season approaches, consider taking the next step to advance your education—for your career, your new career, or just for fun. This one small flutter can have a lasting and powerful effect on your career.

Cheers and see you in class!



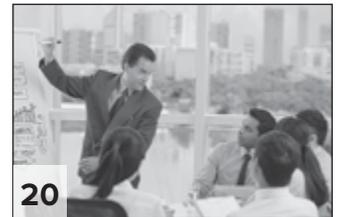
Jeff Loux

Associate Dean, Center for Professional Studies



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Natural Resources



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Project Management



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Construction Management

UC DAVIS
EXTENSION

Free Information Sessions and Webinars

Interested in more information about our courses? Wondering whether a particular program is right for you? Join us for a free information session and learn about program requirements and coursework, meet faculty and staff members and get answers to frequently asked questions.

Fundraising and Development

CHOOSE FROM TWO SESSIONS:

In-person: Aug. 2, 6-7:30 p.m.

◆ Enroll in section 161FUN001

OR

Online: Aug. 3, 12-1 p.m.

◆ Enroll in section 161FUN002

Personal Financial Planning

Aug. 9, 5:30-7 p.m.

◆ Enroll in section 161PER800

ONLINE

Workplace Health and Safety

Aug. 10, 12-1 p.m. ◆ Enroll in section 161HSD599

ONLINE

Health Informatics and Healthcare Analytics

Aug. 10, 9-10 a.m. ◆ Enroll in section 161MHI302

ONLINE

Supervisory Skills and Management Development

Aug. 11, 2-3 p.m. ◆ Enroll in section 161SUP100

Accounting

Aug. 11, 5:30-7 p.m. ◆ Enroll in section 161ACC500

Construction Management Certificate Program

CHOOSE FROM TWO SESSIONS:

In-person: Aug. 24, 5:30-7 p.m.

◆ Enroll in section 161CNM200

OR

Online: Aug. 17, 11 a.m.-noon

◆ Enroll in section 161CND200

ONLINE

Autism Education

Aug. 17, 9-10 a.m. ◆ Enroll in section 161ADL300

Web Development

Aug. 17, 5:30-7 p.m. in Sacramento

Enroll in section 161IHW301

ONLINE

Human Resource Development and Labor Management Relations

Aug. 18, 4-4:30 p.m.

◆ Enroll in section 161HRM100

Business Analysis Certificate Program

Aug. 24, 6-7:30 p.m. ◆ Enroll in section 161BBA200

Paralegal Studies Certificate Program

Aug. 24, 6:15-7:45 p.m. in Sacramento

◆ Enroll in section 161LGL100

Land Use and Natural Resources

Sept. 7, 5:30-7 p.m. in Sacramento

◆ Enroll in section 161LUP100

Professional Coaching for Life and Work

CHOOSE FROM TWO SESSIONS:

In-person: Sept. 29, 5:30-7 p.m.

◆ Enroll in section 162CCH400

OR

Online: Oct. 6, 12:30-1 p.m.

◆ Enroll in section 162CCH401

ONLINE

UC Davis Executive Leadership Program

Jan. 12, 2017, 4-5 p.m.

◆ Enroll in section 163EXE100

New Courses

With more than 200 courses to choose from each quarter, it's easy to learn new skills, prepare for a career change or keep up with industry trends.

Advanced NEPA

Enroll in section 162NAT453

Augmentative and Alternative Communication

Enroll in section 162HGS210

Bald and Golden Eagle Act and Migratory Bird Treaty Act Compliance

Enroll in section 162NAT263

Emergency Preparation and Management

Enroll in section 162HDS513

Establishing Higher Functioning Project Teams and Managing Resources

See page 20

Foundations of Successful Project Management

See page 20

The General Plan in California

Enroll in section 162LUP512

Introduction to NEPA

Enroll in section 162NAT452

NEPA Streamlining and the FAST Act

Enroll in section 162NAD603

Planned Giving

Enroll in section 162FUN203

For additional information or to enroll,
visit the Free Information Session page on our website.

extension.ucdavis.edu/free

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FALL 2016

HOW TO REACH US

PHONE (800) 752-0881
(530) 757-8777 from Yolo County
(916) 327-7072 Sutter Square Galleria

EMAIL extension@ucdavis.edu

FAX (530) 757-8558

WEB extension.ucdavis.edu

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 Watch us on YouTube.
[youtube.com/ucdavisextension](https://www.youtube.com/ucdavisextension)

 Follow us on Instagram.
[instagram.com/ucdextension](https://www.instagram.com/ucdextension)

To reach the UC Davis main campus,
call (530) 752-1011.

Printed with soybean-based inks.

UC Davis Extension has produced this issue of the general catalog using the best available environmentally responsible stocks and processes. The cover is printed on Sterling Gloss, an FSC-certified stock using non-VOC UV inks, eliminating damage to the ozone layer.

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Although this catalog was prepared on the basis of the best information available at the time of publication, all information including but not limited to fees, course offerings, instructors, course meeting times and locations are subject to change without notice, obligation or liability.



AGRICULTURE AND FOOD SCIENCE

CONTACT INFORMATION

Jim Brown, Director, Brewing, Winemaking and Agriculture extension@ucdavis.edu

Food Science

Applied Sensory and Consumer Science Certificate Program

As the industry-recognized leader for the education of sensory professionals, this program provides the quality education you need to succeed in this demanding business. Now in its 14th year, the program is continually updated to reflect the latest thinking and cutting-edge methods in sensory science and consumer testing.

COURSE OUTLINE	UNITS
Foundations of Sensory Science	4
Sensory Evaluation Methods	4
Consumer Testing Methods	4
Application of Sensory Science and Consumer Testing Principles	4

extension.ucdavis.edu/sensorycertif



JOIN THE SENSORY SCIENCE CERTIFICATE STUDENT PROGRAM GROUP ON LINKEDIN.

ABOUT HACCP

Our workshops were developed to better prepare members of the food industry and associated businesses to understand food safety for their own products and for ingredients that they may purchase. They are accredited by the International HACCP Alliance. Hazard Analysis and Critical Control Point (HACCP) is the preeminent food safety system that is used and accepted worldwide. It is based on the concept of prevention through control measures that minimize or eliminate hazards in foods. HACCP is considered by many to be a requirement for conducting business in the food industry. An increasing number of customers, domestic and international, are requiring their suppliers to have effective HACCP systems in place before they will purchase their products. Additionally, more and more regulatory agencies around the world are mandating HACCP for an ever-increasing range of products.

Basic HACCP: A Food Safety System

2.15 CEUs

Gain an in-depth understanding of the seven principles of HACCP and the purpose of formalized prerequisite programs, and review the different types of hazards associated with food. Examine in detail the steps for implementing and managing a HACCP plan, and work in groups to gain a first-hand understanding of how a HACCP plan is developed. This course is designed to meet the training requirements for the three industries (seafood, meat and poultry, and juice) for which regulatory HACCP is mandatory. Note: The latest information on the regulatory requirements for HACCP and the Food Safety Modernization Act will be reviewed, but this workshop does not meet the qualified individual standardized curriculum associated with the Preventive Controls Rule for Human Food.

This course is accredited by the International HACCP Alliance, and participants will receive a certificate of attendance with a seal from the Alliance.

NINA PARKINSON, MICHAEL JANTSCHKE and LINDA HARRIS. See page 42.

3 meetings ♦ Oct. 17: Mon., 8:30 a.m.-5 p.m.; Oct. 18: Tues., 8 a.m.-5 p.m.; Oct. 19: Wed., 8 a.m.-3:30 p.m. ♦ Davis: 1632 DaVinci Court ♦ \$745. Includes course materials and three lunches. ♦ Enroll in section 162FST300. ♦

Advanced HACCP: Verification, Regulations and Other Challenges

1.6 CEUs

Recommended for those with experience developing and managing a HACCP plan, this course delves deeper into verification and validation, the importance of records, the role of audits and certification, and current issues with adapting existing HACCP plans to comply with new FDA regulations, including the Preventive Controls Rule. Participate in group exercises and presentations, and learn how to apply the information in a practical manner. Note: This workshop does not meet the standardized curriculum for the Preventive Controls Rule for Human Food.

This course is accredited by the International HACCP Alliance, and participants will receive a certificate of attendance with a seal from the Alliance.

NINA PARKINSON, MICHAEL JANTSCHKE and LINDA HARRIS. See page 42.

2 meetings ♦ Oct. 20: Thur., 8:30 a.m.-5 p.m.; Oct. 21: Fri., 8 a.m.-3 p.m. ♦ Davis: 1632 DaVinci Court ♦ \$625. Includes course materials and two lunches. ♦ Enroll in section 162FST301.

Agriculture and Food Science

World-renowned programs taught by industry experts.

ONLINE CERTIFICATE PROGRAMS

Applied Sensory and Consumer Science
Winemaking

PART-TIME MASTER'S DEGREE PROGRAM

Maternal and Child Nutrition

PROFESSIONAL BREWING PROGRAMS

Professional Brewers
Certificate Program
Intensive Brewing Science
for Practical Brewing
Master Brewers Program





ARTS AND HUMANITIES

CONTACT INFORMATION

Trish Reiff, Administrative Director, Center for International Education extension@ucdavis.edu

Take Spanish Online for Academic Credit



RECEIVE ACADEMIC CREDIT!

Earn five quarter units of academic credit for each of the three *Spanish Without Walls* courses (I-III). Take all three and receive credit equivalent to a year's worth of university-level study!

ONLINE!

Spanish Without Walls: Elementary Spanish III

5 quarter units academic credit, XD3

Gain a new way of understanding yourself and the world. Engage in meaningful language tasks with classmates online. Focus on developing oral comprehension skills with a variety of accents from Spain and Latin America. Take your comprehension of Spanish to a new level by reading authentic texts and participating in guided writing practices.

Expect to spend 10 hours a week studying each of the five lessons included in this course. Participate in group activities and projects online.

This course completes the *Spanish Without Walls* program for which you receive credit equivalent to a year of university-level study!

ROBERT BLAKE. See page 42.

Sept. 19-Dec. 19 ♦ Enroll now through Sept. 30 and complete by Dec. 19. Passwords will be issued after 5 p.m. starting Sept. 19. ♦ \$585. ♦ Enroll in section 162INE212.



BREWING

CONTACT INFORMATION

Jim Brown, Director, Brewing, Winemaking and Agriculture extension@ucdavis.edu

Brewing Basics: Going Beyond the Kit

Master the basics of brewing all-malt beer with UC Davis' longtime homebrewers. See, smell, and taste the raw materials that go into making a fine bottle of beer, and gain the confidence to go beyond the extract homebrewing kit stage. Learn about several beer styles, the essentials of sanitation, and the intricacies of each step in traditional malt brewing. Discover mashing and boiling and gain knowledge of brewing yeasts and spoilage microorganisms. Observe hands-on brewing with state-of-the-art homebrewing equipment and discuss alternative methods of packaging your homebrew.

This is an intermediate-level homebrewing class intended for budding homebrewers who have dabbled with the homebrewing process and are looking to understand what went wrong.

Note: You must be 21 years of age or older to enroll and attend.

MICHAEL RAMSEY. See page 42.

2 meetings ♦ September 17-18: Sat.-Sun., 9 a.m.-5 p.m. ♦ Davis: Sudwerk Brewing Company, 2001 2nd St. ♦ \$325. ♦ Enroll in section 162BRW730.

Introduction to Practical Brewing

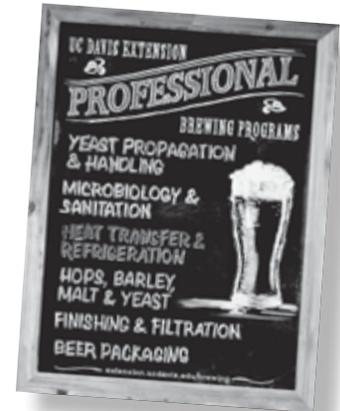
Learn from one of the world's foremost brewing experts in this in-depth course for advanced homebrewers and early career professional brewers, using the amazing resources of the 1.5 barrel pilot brewery in the state-of-the-art brewing facility on the UC Davis campus. This class combines clear and detailed lectures with practical, hands-on brewing and laboratory tests. Go all the way from raw material selection through to the quality and stability of the finished beer. A class ale will be brewed, and analyses on barley, malt, hops, yeast, wort and beer will be explored.

Note: You must be 21 years of age or older to enroll and attend.

Refund Policy: Refund requests will be approved, less a \$100 processing fee, if the request is received seven calendar days before the course begins.

CHARLES BAMFORTH and JOSEPH WILLIAMS. See page 42.

5 meetings ♦ December 12-16: Mon.-Thur., 9 a.m.-4 p.m.; Fri., 9 a.m.-noon. ♦ Davis: Robert Mondavi Institute for Wine and Food Science, 392 Old Davis Rd. ♦ \$1,400. ♦ Enroll in section 162BRW731.



Download the latest Professional Brewing Programs catalog.

extension.ucdavis.edu/brewing



BUSINESS AND MANAGEMENT

CONTACT INFORMATION

James Garvin, Director, Business Programs businessinfo@ucdavis.edu

Sharon Huntsman, Director, Management and Leadership businessinfo@ucdavis.edu

One-Day Skills Course

Leading with Emotional Intelligence

Research has proven that emotional intelligence (EI) is what distinguishes exceptional from average leaders. As a distinct set of skills, EI builds positive relationships and enables you to consistently respond from your best self, regardless of the circumstances. Learn the science and art of EI and how to use the eight unique EI competencies to build positive influence, increase trust, address conflict and enrich relationships. Acquire tools and techniques to deepen your ability to lead and become more effective in helping your organization deliver results. Participants receive a complimentary copy of *The Core Journey* by instructor Dianna Wright, Ph.D., which provides value-based action to thrive in work and life.

1 meeting ♦ October 20: Thur., 9 a.m.-4 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ Before attending this session, you will receive a link to the online emotional intelligence self-assessment. You must complete the assessment, print your results and bring to class in order to participate fully in this seminar. ♦ \$695. ♦ Enroll in section 162BSC150. ♦ Special discounts: Early Enrollment Discount (\$625.50), Group Discount. See page 47.



Management and Leadership: Excellence at All Levels

COMING MARCH 2017!

The Executive Leadership Program

Transform. Inspire. Achieve.

Interactive Sessions

Eight interactive sessions expand your ability to confidently guide your organization. Learn to communicate and coach more effectively, develop your emotional intelligence, lead innovation and change, and build positive momentum. Gain practical techniques and strategies you can apply immediately.

360° Assessment

Participants use a 360° assessment to evaluate their own leadership practices and receive important feedback on how others perceive them as leaders.

Coaching

Participants receive two coaching sessions to help focus development efforts for the greatest impact.

Who should attend

Senior managers and executives. This program is by application only.

See a full description at extension.ucdavis.edu/execprog

FREE INFORMATION SESSION

UC Davis Executive Leadership Program

Please join us for this free, online information session to learn more about how the UC Davis Executive Leadership Program can help you become a more effective leader. Program staff and faculty will discuss the essential leadership skills that are the focus of this program, who can benefit from the Executive Leadership Program's eight highly interactive sessions and answer your specific questions.

WATCH ONLINE

Jan. 12, 2017: Thurs., 4-5 p.m.

No charge. Enroll in section 163EXE100.

Management Development: Effective Management Practices

1.8 CEUs

Helping good managers become great leaders

To be a successful manager, you must be able to create a culture that supports accountability, high performance and engagement. Explore your approach to leading and learn best practices to motivate and develop your people and teams.

Three sessions cover:

- **The Manager's Role:** Understand how managers impact performance, examine your leadership style and learn foundational coaching skills
- **Communicating for Results:** Using the personal DiSC assessment, discover how to more effectively communicate with your team
- **The Manager as a Team Leader:** Recognize characteristics of effective teams and learn strategies to facilitate your team's development

Who should attend

Those new to management, as well as more experienced managers interested in mastering foundational management and leadership skills, will benefit from this dynamic forum.

KRIS PLACHY, KIM SILVERS and PAUL PORTER.
See page 42.

Oct. 26-Nov. 9: Wed., 9 a.m.-4 p.m. ♦
Sacramento: Sutter Square Galleria,
2901 K St. ♦ \$1,950 ♦ Enroll in section
162MDP165.

Supervisory Skills: Series I

2 CEUs

Essential knowledge for supervisors and managers

Expand your ability to motivate, manage and communicate. These information packed, half-day seminars examine current best practices and build a strong supervisory foundation. Spend the morning enhancing particular skill areas and return to your workplace for the remainder of the day, ready to put into practice what you've learned that morning.

Courses include:

Principles of Supervision and Management,
Sept. 13, section 162SUP170

Building a Motivated Workplace,
Sept. 20, section 162SUP174

Delegating for Results,
Sept. 27, section 162SUP172

Working Through Conflict,
Oct. 4, section 162SUP173

Communication Skills at Work,
Oct. 11, section 162SUP171

Who should attend

New supervisors or individuals with a passion to learn and lead others.

SAVE \$150 BY ENROLLING IN THE ENTIRE SERIES... or choose individual courses most relevant to you.

September 13-October 11 ♦ \$1,250 (\$250 per course). ♦ Enroll in section 162SUP180.

ALSO OF INTEREST

Ethics in the Workplace

See page 17.

Accounting

Accounting CPA and Accounting Essentials Certificate Programs

Gain a solid foundation of the principles and practices of accounting and financial reporting and improve your organization's bottom line. By completing 24 units you'll receive an Accounting Essentials Certificate, or receive our comprehensive Accounting CPA Certificate by completing 36 units.

REQUIRED COURSES	UNITS
<i>16 required units for both certificates</i>	
Principles of Financial Accounting	4
Intermediate Accounting—Part One	4
Intermediate Accounting—Part Two	4
Principles of Cost Accounting	4
ELECTIVE COURSES	UNITS
<i>20 elective units for Accounting CPA Certificate; 8 elective units for Accounting Essentials Certificate</i>	
Financial Statement Analysis	4
Auditing	4
Accounting for Governmental and Nonprofit Organizations	4
Forensic Accounting I	4
Business Law	3
Ethics in the Workplace	2
Individual Income Taxation	4
extension.ucdavis.edu/accountingcert	

NEW COURSE COMING IN SPRING

Ethics in Accounting

Accounting Essentials/Accounting CPA

FREE INFORMATION SESSION

Accounting

If you would like to advance to a more professional level in the accounting field, plan to attend this free information session to meet instructors and staff of our Accounting Certificate programs. These programs are perfect for those wanting to strengthen their understanding of current accounting principles and practices.

Learn more about career trends and program content. Enhance your proficiency in and understanding of accounting and acquire a concrete foundation to advance your career.

RESERVE YOUR SEAT TODAY!

August 11: Thur., 5:30-7 p.m.

Sacramento: Galleria, 2901 K Street

No Charge. Enroll in section 161ACC500

Principles of Financial Accounting

4 quarter units academic credit, X407.4 ♦
40 CPE hours

Examine accounting theory, principles and practice. Learn about accrual account concepts, transaction analysis, recording and processing (journals and ledgers) methods. Gain an in-depth understanding of the preparation and analysis of financial statements (income statements, balance sheets and cash-flow statements); sales and cost of sales; inventory valuation; depreciation of operational assets; accounting for investments; and liability and present value concepts.

This course fulfills one of the three prerequisites for the UC Davis School of Management's Master of Professional Accountancy Program.

Visit gsm.ucdavis.edu for more information. It is offered every quarter—in the classroom fall and spring; as an online course winter and summer quarters.

COURSE MATERIALS: *Financial Accounting*, 9th ed., Jerry J. Weygandt, ISBN 1118334329.

JILL SWAN. See page 42.

12 meetings ♦ Sept. 22-Dec. 15: Thur., 5:40-9 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ Please note that there will be no class on November 24, in observance of Thanksgiving. ♦ \$880. ♦ Enroll in section 162ACC101. ♦ Special discounts: Early Enrollment Discount, Group Discount, Info Session Discount. See page 47

Accounting for Governmental and Nonprofit Organizations

4 quarter units academic credit, X407.8 ♦
40 CPE hours

Gain an understanding of the characteristics of governmental and nonprofit accounting with an emphasis on the various fund types and account groups. Review and evaluate the most recently recommended accounting and financial reporting practices for state and local governmental units. Explore both the theoretical and practical aspects of governmental and nonprofit accounting.

PREREQUISITES: *Principles of Financial Accounting*.

COURSE MATERIALS: *Government and Not-for-Profit Accounting, Binder Ready Version: Concepts and Practices*, 7th ed., Michael H. Granof, ISBN 1118983270.

JAMES VENNEMAN. See page 42.

12 meetings ♦ Sept. 26-Dec. 12: Mon., 5:40-9 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ \$880. ♦ Enroll in section 162ACC106. ♦ Special discounts: Early Enrollment Discount, Group Discount, Info Session Discount. See page 47.

ALSO OF INTEREST

Project Management

See page 20.

Ethics in the Workplace

Oct. 18-Nov. 1: Tues., 6-9 p.m.

See page 17.

Individual Income Taxation

4 quarter units academic credit, X456.5 ♦
40 CPE hours

Gain the practical knowledge you need to apply tax laws when preparing tax forms and helping your clients plan their processes. Examine the most current laws affecting capital gains and losses, adjustments to gross income, itemized deductions, tax credits and payments, and estimated taxes. Learn about sole proprietorship and small business taxation, as well as real estate property transactions, with an emphasis on issues relating to all aspects of individual taxation. Knowledge of current federal income tax laws as they relate to individual income taxation is critical for accountants. Acquire the skills to more effectively prepare, or help your clients prepare, their income tax returns.

DON ADCOCK. See page 42.

PREREQUISITES: *Principles of Financial Accounting*.

COURSE MATERIALS: *South-Western Federal Taxation 2017: Individual Income Taxes (West Federal Taxation. Individual Income Taxes) 40th ed.*, William H. Hoffman, ISBN 130587398X.

12 meetings ♦ Sept. 28-Dec. 14: Wed., 5:40-9 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ \$880. ♦ Enroll in section 162ACC150. ♦ Special discounts: Early Enrollment Discount, Group Discount, Info Session Discount. See page 47.

Business Law

3 quarter units academic credit, X407.5 ♦
30 MCLE hours

Explore the legal environment in which businesses operate. Examine various areas of the law integral to the operation of businesses today, such as contracts, torts and negligence; product liability; constitutional law as it applies to business; and federal and state civil procedures. Gain a better understanding of employment laws; the U.S. legal system; criminal law; law of agency; contracts, including Article II of the Commercial Code; bankruptcy; and the legal principles applicable to the different forms of business entities. Business owners, managers, accountants, paralegals and all those seeking to enhance their general understanding of the legal system benefit. This course fulfills one of the three prerequisites for the UC Davis School of Management's *Master of Professional Accountancy Program*. Visit gsm.ucdavis.edu for more information.

COURSE MATERIALS: *Business Law Today, Standard: Text and Summarized Cases (Miller Business Law Today Family)*, 11th ed., Roger LeRoy Miller, ISBN 1305644522.

BRETT SCHOEL. See page 42.

10 meetings ♦ Oct. 4-Dec. 6: Tues., 6-9 p.m. ♦ Sacramento: Sutter Sqre Galleria, 2901 K St. ♦ \$810. ♦ Enroll in section 162ACC162. ♦ Special discounts: Early Enrollment Discount, Group Discount, Info Session Discount. See page 47.

ONLINE!

Intermediate Accounting: Part II

4 quarter units academic credit, X456.18 ♦
40 CPE hours

Learn advanced accounting methods and be better prepared to take the accounting portion of the CPA examination. Examine best practices of financial reporting, income taxes, pensions, leases, investments, stockholder's equity, statement of cash flows and earnings per share. Apply concepts learned to various real world applications, so you can more fully analyze financial statements.

PREREQUISITES: *Intermediate Accounting-Part I, Principles of Financial Accounting*.

COURSE MATERIALS: *Intermediate Accounting*, 16th ed., Donald E. Kieso, ISBN 1118742974.

MONIQUE SMALLING. See page 42.

Sept. 19-Dec. 11, 2016 ♦ Enroll now through Oct. 9 and complete by Dec. 11. Passwords issued beginning Sept. 19. ♦ \$880. ♦ Enroll in section 162CAN107. ♦ Special discounts: Early Enrollment Discount, Group Discount, Info Session Discount. See page 47.

ONLINE!

Financial Statement Analysis

4 quarter units academic credit, X407.10 ♦
40 CPE hours

Focus on the effective analysis of financial statements and how to integrate accounting concepts and principles into your statements. Examine the analytical tools for assessing a company's performance, the concept of quality of earnings and the approaches to valuation. Topics also include balance sheet analysis, asset and business evaluation issues, income statement analysis, profit margins, return on assets and equity, and cash flow analysis.

PREREQUISITES: *Principles of Financial Accounting*.

COURSE MATERIALS: *Understanding Financial Statements*, 11th ed., Lyn M. Fraser, ISBN 0133874036. *Interpreting and Analyzing Financial Statements*, 6th ed., Karen P. Schoenebeck, ISBN 0132746247.

MONIQUE SMALLING. See page 42.

Sept. 19-Dec. 11 ♦ Enroll now through Oct. 9 and complete by Dec. 11. Passwords issued beginning Sept. 19. ♦ \$880. ♦ Enroll in section 162CAN113. ♦ Special discounts: Early Enrollment Discount, Group Discount, Info Session Discount. See page 47.

Business Analysis

ONLINE

Business Analysis Certificate Program

Trained business analysts who can successfully identify business needs and determine effective solutions are becoming vital to today's businesses. Explore the fundamental concepts and theory of business analysis, learn to optimize your business investments and develop strategies for gaining stakeholder approval.

REQUIRED COURSES	UNITS
Business Analysis Fundamentals	2.5
Business Analysis: Planning and Monitoring	2.5
Enterprise Analysis: Defining the Business Need	2
Requirements Elicitation	2
Requirements Analysis, Management and Communication	3
Solution Assessment and Validation	2
ELECTIVE COURSES (AT LEAST 3 UNITS TOTAL)	
Fundamentals of Project Management	2
Effective Negotiation Strategies	3
Two courses each 1.5 units or more	
Other courses from the Business and Management portfolio may be included with prior approval	
extension.ucdavis.edu/analysiscert	

UC Davis Extension is an Endorsed Education Provider **with the International Institute of Business Analysis (IIBA™).**

FREE INFORMATION SESSION

Business Analysis Certificate Program Online Information Session

Plan to attend this free information session to learn about the *Business Analysis Certificate Program*. Hear from our faculty and staff to learn about certificate requirements, career opportunities, the convenience of our online delivery format and receive answers to frequently asked questions.

The dependence on technology has created the need for individuals with the ability to bridge the gap between business and IT. Business analysts provide this crucial link between functional areas such as human resources, finance, marketing, research and development, and IT. Improve your ability to lead communication and collaboration efforts.

UC Davis Extension is an IIBA™ Endorsed Education Provider.

ENROLL TODAY!

August 24: Wed., 6-7:30 p.m.
Sacramento: Galleria, 2901 K Street
Please contact Hannah Moore (530) 757-8895 or hmoore@ucdavis.edu if you have any questions.
No Charge
Enroll in section 161BBA200.

COMING IN AUGUST ONLINE!

Strategy of Content Marketing

Designed in partnership with the leading content-marketing authority, Copyblogger
Enroll in section 161IMS200.

Business Analysis Fundamentals

2.5 quarter units academic credit, X433.7 ♦
25 CDU hours ♦ 25 PDU hours

Develop the knowledge and skills you need to succeed as a business analyst and enhance your ability to create solutions to business problems. Explore the fundamentals of business analysis using the International Institute of Business Analysis' (IIBA®) *Business Analysis Body of Knowledge* (BABOK®). Learn the techniques, methodologies and core competencies required of effective business analysts. Explore best practices, strategies, needs and opportunities, system requirements, and the implementation and operational support of business solutions.

IIBA™ program ID number: E068-002.

COURSE MATERIALS: *A Guide to the Business Analysis Body of Knowledge*® (Babok® Guide), 2nd ed., IIBA, ISBN 0981129218.

KRISTINA MILLER. See page 42.
Sept. 19-Dec. 2 ♦ Enroll now through Oct. 17 and complete the course by Dec. 2.
Passwords issued beginning Sept. 19. ♦ \$810.
♦ Enroll in section 162BBA201. ♦ Special discounts: Group Discount, IIBA, Info Session Discount, PMI. See page 47.

ONLINE!**Requirements Elicitation**

2 quarter units academic credit, X433.4 ♦
20 CDU hours

Learn to choose the appropriate technique for extracting necessary information critical to successful business analysis. Explore the most effective techniques for figuring out, or eliciting, project requirements and the steps involved with each technique. Examine the most worthwhile techniques such as brainstorming, document analysis, focus groups, interviewing, observation, prototyping, workshops, reverse engineering, and the best uses of surveys and questionnaires.

IIBA™ program ID number: E068-004.

PREREQUISITES: *Fundamentals of Business Analysis*.

COURSE MATERIALS: *A Guide to the Business Analysis Body of Knowledge®* (Babok® Guide), 2nd ed., IIBA, ISBN 0981129218. *Modern Systems Analysis and Design*, 7th ed., Jeffrey A. Hoffer, ISBN 0132991306. *Software Requirements (Developer Best Practices)*, 3rd ed., Karl Wiegers, ISBN 0735679665.

LAURA MUNRO. See page 42.

Sept. 19-Dec. 2 ♦ Enroll now through Oct. 17 and complete the course by Dec. 2. Passwords issued beginning Sept. 19. This course can be taken concurrently with the pre-requisite (*Business Analysis Fundamentals*). ♦ \$795. ♦ Enroll in section 162BBA203. ♦ Special discounts: Group Discount, IIBA, Info Session Discount, PMI. See page 47.

ONLINE!**Requirements Analysis, Management and Communication**

3 quarter units academic credit, X433.10 ♦
30 CDU hours

Gain a thorough understanding of the processes of requirements analysis, management and communication, following the International Institute of Business Analysis® (IIBA™) Business Analysis Body of Knowledge (BABOK®). Learn to analyze and document stakeholder requirements for solutions to identified business needs or opportunities. Learn to transform raw elicited requirements statements into a complete and correct set of requirements that help you effectively guide the development of your system solution. Examine tools and techniques for modeling system requirements, negotiating controversial issues with stakeholders, documenting requirements and supporting the review and approval of solution requirements. Upon completion you will know how to transform business requirements into a complete, correct and consistent set of solution requirements.

IIBA™ program ID number: E068-007.

PREREQUISITES: *Business Analysis Fundamentals*.

COURSE MATERIALS: *A Guide to the Business Analysis Body of Knowledge®* (Babok® Guide), 2nd ed., IIBA, ISBN 0981129218.

JOYE BEACHUM. See page 42.

Sept. 19-Dec. 2 ♦ Enroll now through Oct. 17 and complete the course by Dec. 2. Passwords issued beginning Sept. 19. This course can be taken concurrently with the pre-requisite (*Business Analysis Fundamentals*). ♦ \$845. ♦ Enroll in section 162BBA205. ♦ Special discounts: Group Discount, IIBA, PMI, Info Session Discount. See page 47.

Professional Coaching for Life and Work**Professional Coaching for Life and Work Certificate Program**

Gain confidence and practical experience in core coaching competencies as established by the International Coaching Federation (ICF). Coach training provides the platform for meaningful service in the world—the basis for personal, professional and financial success. Learn to enter into partnerships with clients and become a catalyst for accomplishing goals and objectives, aligning values and careers. Courses in the program include: Coaching Essentials, Coaching Skills, Personal Foundation for Coaching, Coaching Conversation, and Establishing Yourself as a Coach.

extension.ucdavis.edu/coachingcert

WATCH OUR COACHING VIDEO

UC Davis Coaching Program creates career opportunities



Visit our YouTube channel to watch the video.

youtube.com/ucdavisextension

The UC Davis Extension *Professional Coaching for Life and Work Certificate Program* is an Accredited Coach Training Program with the **International Coaching Federation**.

Professional Coaching for Life and Work Certificate Program

15 quarter units academic credit, X422.15

The professional standardization of coaching professionals has led to certification by ICF, the only globally-recognized credential program for coaches. Acquire the knowledge and expertise to apply for certification as a Professional Certified Coach (PCC).

Learn to enter into partnerships with clients and become a catalyst for accomplishing goals and objectives and aligning values and careers. Help others identify and realize purpose, and improve their processes of performance. Managers at all levels, human resources professionals, those transitioning in their career or those wishing to expand their leadership roles benefit from coach training.

Program outline:

- Coaching Essentials
- Coaching Skills
- Personal Foundation for Coaching
- Coaching Conversation
- Establishing Yourself as a Coach

Certificate requirements

Requirements to enroll in this program are five years of professional work experience (in any field); an interest in working with people and helping others; and a mindset that supports success in the program, namely openness to learning through feedback and self-examination. You are awarded a Professional Coaching for Life and Work Certificate upon successful completion of the program. Please call (530) 757-8895 for more information.

Certification

Students who complete this certificate program will have the training and mentor hours needed to apply for ACC or PCC certification through the International Coaching Federation, a global leader and resource for professional coaching. For more information, visit www.coachfederation.org.

MICHELLE PAYNE and CAROLE BENNETT. See page 42.

Textbooks are included in tuition fee and will be available on the first day of class. This five-month program is offered twice per year, in winter and summer quarters. In winter, classes take place Friday and Saturday from 9 a.m.-5 p.m. Summer classes are offered Tuesday and Thursday from 6-9 p.m. and Saturday from 9 a.m.-5 p.m. ♦ \$8,305. ♦ Enroll in section 163CCH100 for winter classes. ♦ Special discounts: Info Session Discount. See page 47.

Leverage Your Professional Coaching for Life and Work certificate for a Master's Degree from University of the Pacific

As a next step in meeting your educational goals, UC Davis Extension has recently partnered with University of the Pacific in Sacramento to allow alumni to use 13.5 quarter units from the *Professional Coaching for Life and Work* program as credit toward the following degree: *Master of Arts Degree in Education with a Concentration in Organizational Learning and Effectiveness*.

For more information, visit University of the Pacific's MAOLE website (pacific.edu/MAOLE) or contact Crystal Babowal at UC Davis Extension, cbabowal@ucdavis.edu or (530) 757-8895.

FREE INFORMATION SESSION

Professional Coaching for Life and Work

Choose from two formats: online or in-person

Join us for this free information session to meet with the Professional Coaching for Life and Work Certificate Program faculty and staff; review program curriculum, content and focus; learn about International Coaching Federation (ICF) certification requirements; and find out about career opportunities in this exciting profession. This program will prepare you for a career in this emerging industry by introducing you to the core coaching competencies and skills required to effectively coach others.

RESERVE YOUR SEAT TODAY!

In person session:

September 29: Thur., 5:30-7 p.m.
Sacramento: Sutter Square Galleria, 2901 K St.
Enroll in section 162CCH400.

Online session

Oct. 6: Thur., 12:30 p.m.
This is a live webinar. Log-in instructions to this event will be emailed to you once you register. For questions or more information, contact us at (530) 757-8895 or businessinfo@ucdavis.edu.
Enroll in section 162CCH401.

Construction Management

Construction Management Certificate Program

Successful construction professionals must remain competitive. Enhance your knowledge of the construction industry and expand your capacity for leadership with this program. Acquire the business and technical skills to thrive in the industry and learn a comprehensive, systems-based approach to construction management.

REQUIRED COURSES	UNITS
Estimating and Bidding	3
Project Scheduling and Management	3
Construction Accounting and Contract Management	3
Construction Law and Contracts	4
Integrating Construction Management Principles	3
Construction Blueprint and Plan Reading	3

extension.ucdavis.edu/construction

FREE INFORMATION SESSION

Construction Management Certificate Program

If you are in the construction industry or any construction-related field, plan to attend this free information session and meet Construction Management Certificate Program faculty and staff to learn what's happening in the job market and the local construction industry. With a variety of courses from which to choose, we can help you create the shortest path to your goals.

As the construction industry becomes more complex, construction professionals need business and technical skills. This program is specifically designed to increase your ability to succeed in today's market.

RESERVE YOUR SEAT TODAY!

Aug. 24: Wed., 5:30-7 p.m.

Sacramento: Sutter Square Galleria, 2901 K St.
Enroll in section 161CMN200. No charge.

Construction Accounting and Contract Management

3 quarter units academic credit, X415.3 ♦
12 PDU hours

Gain an understanding of basic accounting concepts and how they apply to the construction industry using a team approach to cost management. Construction management teams must anticipate, monitor and control the various components of every job. Beginning with an introduction to accounting, learn cost accounting principles and applications. Examine profit and loss statements, cash flow evaluation, revenue projection, job management and closeouts. Learn to monitor construction progress and payment schedules and to administer contracts and computer applications for the construction industry.

COURSE MATERIALS: *Financial Management and Accounting Fundamentals for Construction*, 1st ed., Daniel W. Halpin, ISBN 0470182717.

LINDA CLIFFORD. See page 42.

10 meetings ♦ Sept. 12-Nov. 14: Mon., 6-9 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ For program information, contact academic adviser Crystal Babowal at businessinfo@ucdavis.edu or (530) 757-8895. This class will meet Monday evenings, Sept. 12-Nov. 14, 6-9 p.m. ♦ \$865 (\$815 before Mon., Aug. 29). ♦ Enroll in section 162CNM201. ♦ Special discounts: ASPE, BIA, SRBX, Early Enrollment Discount, Group Discount, Info Session Discount. See page 47.

Construction Blueprint and Plan Reading

3 quarter units academic credit, X406.25A ♦
8 PDU hours

It is crucial for anyone involved in construction and manufacturing projects to have the ability to read and understand blueprints and building plans. Whether you're in the field or in the office, you need to know how the site plan affects the building plan, what building departments look for in plan checks and how plans affect contracts. Explore the design-and-build method of the construction process. Focus on reading and applying blueprints and plans from conceptual drawings to final construction. Improve your understanding of change orders and profit margins. Students will use on-line computer-based programs to navigate through construction plans and specification documents.

COURSE MATERIALS: *Print Reading for Construction*, 6th ed., Walter C. Brown, ISBN 9781605258027.

WILLIAM STANNARD. See page 42.

10 meetings ♦ Sept. 13-Nov. 15: Tues., 6-9 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ This course is a prerequisite to the Estimating and Bidding course. ♦ \$865 (\$815 before Tues., Aug. 30). ♦ Enroll in section 162CNM211. ♦ Special discounts: ASPE, BIA, SRBX, Early Enrollment Discount, Group Discount, Info Session Discount. See page 47.

9 MONTH FAST TRACK OPTION— CONSTRUCTION MANAGEMENT CERTIFICATE

The Fastest Way to Advance Your Career as a Construction Manager

UC Davis Extension's "Fast Track" Certificate format is a convenient way to accelerate your training and quickly advance your career.

Complete your certificate program in just 9 months, and save 15% with our pre-pay pricing option.

When you choose the Fast Track option, we automatically enroll you into two classes per quarter.

Fall Quarter:

Construction Accounting and Contract Management

Gain an understanding of basic accounting concepts and how they apply to the construction industry using a team approach to cost management.

Construction Blueprint and Plan Reading

Whether you're in the field or in the office, you need to know how the site plan affects the building plan, what building departments look for in plan checks and how plans affect contracts.

Winter Quarter:

Estimating and Bidding

Learn essential methodologies and processes that are important for an accurate estimate.

ONLINE

Project Scheduling and Management

Learn a systems approach to project management as well as the historical development of planning methods.

Spring Quarter:

Construction Law and Contracts

Gain insights into the rules of bidding and the rights and liabilities of contractors and design professionals, including the law of mechanic's lien, stop notices and payment bonds.

Integrating Construction Management Principles

Learn to step back, take a look at the big picture and integrate all you know into the development of a comprehensive strategy.

Sept. 12, 2016-June 8, 2017 ♦ To participate in the 9-Month *Construction Management Fast Track Certificate* program, you must take two courses each quarter, starting in fall 2016 and ending in spring 2017. You must be available to attend the sections listed below. To participate in the Fast Track option, enroll in this section, pay for the program (at the discounted Fast Track rate) and our Academic Advisers will place you in the courses listed below.

FALL 2016: *Construction Accounting and Contract Management* ♦ Sept. 12-Nov. 14, Mondays, 6 p.m.-9 p.m. ♦ *Construction Blueprint and Plan Reading* ♦ Sept.13-Nov. 15 ♦ Tuesdays, 6 p.m.-9 p.m.

WINTER 2017: *Estimating and Bidding* ♦ Jan. 9-March 27, Mondays, 6 p.m.-9 p.m. Saturday class TBA ♦ *Project Scheduling and Management* (online) Jan. 18-April 4.

SPRING 2017: *Integrated Construction Management Principles* ♦ April 10-June 12, Mondays, 5:30 p.m.-8:30 p.m. ♦ *Construction Law and Contracts* ♦ April 5-June 21, Wednesdays, 5:40 p.m.-9:00 pm. ♦ Total price of \$4,437, a savings of \$908. ♦ Enroll in section 162CNM300.



Start the Construction Management Certificate Program this fall and receive discounted pricing. Visit the website or call us at (530) 757-8895 for more details.

Fundraising and Development

ONLINE!

Planned Giving

2 quarter units academic credit, X462.4

This course examines the role of planned giving within an organization's overall fundraising efforts, the various instruments of planned giving, and the financial and personal considerations driving donor decisions. Participants learn to design proposals with a sensitivity to donor and institutional needs and to plan for impact through financial, estate and gift planning.

BRIAN CASEY. See page 42.

Oct. 5-Nov. 15 ♦ \$1,100. ♦ Enroll by Oct. 12 and complete by Nov. 15. ♦ Enroll in section 162FUN203. ♦ Special discounts: Early Enrollment Discount. See page 47.

ONLINE!

Fundamentals of Fundraising and Development

2 quarter units academic credit, X462.1

This course provides a comprehensive overview for those entering the fundraising profession and those with limited experience who seek to expand their knowledge of the entire fundraising enterprise. You'll receive a thorough overview of major concepts in the development process. You'll also examine career opportunities in the field, along with contemporary issues and trends confronting today's fundraising managers. Finally, you'll gain hands-on practice developing an array of written products to begin your fundraising and development portfolio.

ANGELA JOENS. See page 42.

Aug. 24-Oct. 18 ♦ Enroll by Aug. 30 and complete by Oct. 18. There will be no coursework issued during the week of Thanksgiving. ♦ This course requires participation in three mandatory synchronous discussion dates: Mon., Aug. 29 at 4:30 p.m. (PT) Mon., Sept. 26 at 4:30 p.m. (PT) Mon., Oct. 18 at 4:30 p.m. (PT). ♦ \$1,100. ♦ Enroll in section 162FUN200 ♦ Special discounts: Early Enrollment Discount. See page 47.

Annual Campaigns

2 quarter units academic credit, X462.2

In this comprehensive overview of annual giving programs, you'll gain an introduction to the basic terminology and concepts of annual giving as well as the various solicitation channels and donor types. Learn how to write a direct mail appeal, craft an impactful email appeal, and develop a script for phone solicitation. You'll learn how to build a leadership annual giving portfolio and maximize the impact of memberships and events in annual campaigns. You'll complete the course with the knowledge and skills to build and implement a multi-channel solicitation strategy that achieves the goals of an annual campaign.

COURSE MATERIALS: *Best Practices for Fundraising Success: Diversifying Giving Channels*, Katya Andresen, ISBN 147913337X. *Monthly Giving. The Sleeping Giant. How Small Gifts Can Be Powerful Tools to Support Any Organization*, 2nd ed., Erica Waasdorp, ISBN 0985968311. *Asking about Asking: Mastering the Art of Conversational Fundraising*, 2nd ed., M. Kent Stroman, ISBN 1938077407.

MICHELLE POESY. See page 42.

Oct. 26-Dec. 13 ♦ Enroll by Nov. 1 and complete by Dec. 13. There will be no coursework issued during the week of Thanksgiving. ♦ \$1,100. ♦ Enroll in section 162FUN201. ♦ Special discounts: Early Enrollment Discount. See page 47.

Human Resource Development and Management

Human Resource Development and Management Certificate Program

Human Resource Management has evolved into a wide range of complex responsibilities and strategic activities that are central to achieving a successful organizational climate and culture. UC Davis Extension's program is highly regarded by local employers for its real-world focus, immediate applicability, and up-to-date information. This program will help you achieve your goals, whether they are to develop new HR skills or keep abreast of the latest HR practices.

REQUIRED COURSES	UNITS
Principles of Human Resource Management	3
Employment Law	3
Organizational Development	3
Ethics in the Workplace	2
ELECTIVE COURSES (9 UNITS)	UNITS
SPHR/PHR Certification: Preparation Course	3
Introduction to Employee Benefits	3
Introduction to Labor-Management Relations	3
Effective Negotiation Strategies	3
Effective Performance Management	3
Training Design and Delivery	3
Overview of California Workers' Compensation	3
extension.ucdavis.edu/humanresourcecert	

Employee Relations Professional Concentration

Human resource management encompasses a wide range of complex responsibilities and strategic activities central to achieving a successful organizational climate and culture. The critical area of labor and employee relations requires specialists who can effectively resolve disputes and manage performance issues.

Develop the techniques to become successful in the area of employee relations by expanding your knowledge of consensus building, performance evaluations and motivational methods.

Gain practical knowledge that matters

- Develop knowledge of unfair labor practices and the laws governing them.
- Learn to develop consensus—find the elegant outcome and create an effective checklist for productive and cooperative professional relationships.
- Gain skills to conduct performance appraisals that motivate employees.

Designed for professionals like you

Human resource and administrative professionals with the desire to gain a more in-depth understanding of the area of labor and employee relations or who want to update and improve upon their current skill set.

REQUIRED COURSES (9 UNITS)	UNITS
Introduction to Labor-Management Relations	3
Effective Negotiation Strategies	3
Effective Performance Management	3
extension.ucdavis.edu/certificates	

EARN YOUR HRCI CREDIT HOURS TODAY!



All courses are approved for recertification credit hours toward PHR and SPHR through the Human Resource Certification Institute.

Ethics in the Workplace

2 quarter units academic credit, X424.50 ♦
20 HRCI hours

Heighten your awareness and understanding of workplace ethical issues and learn how to avoid the slippery slope of an unethical work environment. Acquire the conceptual framework and practical methods for making ethical and effective business decisions. Learn when and where ethical issues are most likely to surface and how to maintain their integrity. You will also gain an understanding of the impact of cultural and organizational pressures to conform, and explore a variety of ethical decision-making models, evaluate possible courses of action, and respond to challenging situations. Business experience and case studies form the core of this highly interactive course.

CORRIN CHOPPIN and RACHEL CHOPPIN.
See page 42

5 meetings ♦ Oct. 18-Nov. 1: Tues., 6-9 p.m. and Sat. 8:30 a.m.-2 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ \$650. ♦ Enroll in section 162HRM102. ♦ Special discounts: Group Discount, Info Session Discount, NCHRA, SAHRA, SEAC, SHRM. See page 47.

Principles of Human Resource Management

3 quarter units academic credit, X400.1 ♦
30 HRCI hours

Join other human resource professionals for an in-depth look at the strategic contribution of human resource management to the total business enterprise. Learn essential strategies to combine human resource theory with practice. Focus on department design and staffing as well as the human resource manager's role in motivation, morale and influencing organizational productivity. Explore ways to plan for and meet staffing needs, examine compensation and benefit practices and trends, and discuss the effects of legislation, professional standards and a union environment on the operation of the human resources function.

UC DAVIS EXTENSION FACULTY.

10 meetings ♦ Oct. 5-Dec. 14: Wed., 6-9 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ Please note that there will be no class on November 23rd in observance of the Thanksgiving holiday. ♦ \$775. ♦ Enroll in section 162HRM261. ♦ Special discounts: Early Enrollment Discount, Group Discount, Info Session Discount, NCHRA, SAHRA, SEAC, SHRM. See page 47.

Organizational Development

3 quarter units academic credit, X424.1 ♦
30 HRCI hours

Change-management, problem solving and systematic planning can increase individual, departmental and organizational effectiveness. Learn the elements of a successful organizational development program, including a variety of strategies for intervention grounded in modern management and behavioral science. Discuss the history and development of organizational development, including its underlying assumptions, values, theories, concepts and ethical considerations. Discover ways to improve organizational communications while utilizing and developing human resources, and gain skills in customer relations, group effectiveness and employee satisfaction.

RON ROWAN. See page 42.

10 meetings ♦ Sept. 26-Dec. 5: Mon., 6-9 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ Please note that there will be no class on November 21st in observance of the Thanksgiving holiday. ♦ \$775. ♦ Enroll in section 162HRM263. ♦ Special discounts: Early Enrollment Discount, Info Session Discount, Group Discount, NCHRA, SAHRA, SEAC, SHRM. See page 47.



Overview of California Workers' Compensation

3 quarter units academic credit, X449.8 ♦
30 HRCI hours ♦ 30 MCLE hours

Learn about the California Workers' Compensation system from the perspective of all parties—injured workers, employers, claims personnel, and medical and legal providers. Gain an understanding of organizational structure, employment, claims process, decision making, temporary and permanent disability benefits, medical treatment and litigation. Examine new legislation and case law affecting workers' compensation benefits.

WENDY WERMES. See page 42.

10 meetings ♦ Oct. 6-Dec. 15: Thur., 6-9 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ There will be no class on Thursday, November 24th in observance of the Thanksgiving holiday. ♦ \$775. ♦ Enroll in section 162HRM630. ♦ Special discounts: Early Enrollment Discount, Info Session Discount, NCHRA, SAHRA, SEAC, SHRM. See page 47.

Leverage Your Human Resource Development and Management Certificate for a Master's Degree from University of the Pacific

To help you take the next step toward your educational goals, UC Davis Extension has recently partnered with University of the Pacific in Sacramento to allow alumni to use 13.5 quarter units from the *Human Resources Development and Management* program as credit toward the following degree: *Master of Arts Degree in Education with a Concentration in Organizational Learning and Effectiveness*.

For more information, visit University of the Pacific's MAOLE website (pacific.edu/MAOLE) or contact Crystal Babowal at UC Davis Extension, cbabowal@ucdavis.edu or (530) 757-8895.

Labor-Management Relations

Introduction to Labor-Management Relations

3 quarter units academic credit, X422.1 ♦
30 HRCI hours

Improve your understanding of current developments and best practices in labor relations. Explore the legal framework for collective negotiations in both the private and public sectors. Learn to select exclusive representatives and develop knowledge about unfair labor practices and federal and California labor-management relations laws. Delve into strikes, scope of bargaining and the differences between the NLRB and the PERB as enforcement agencies. Discover best practices for impasse resolution and grievance procedures.

UC DAVIS EXTENSION FACULTY.

10 meetings ♦ Sept. 28-Dec. 7: Wed., 6-9 p.m.
♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ Please note that there will be no class on November 23rd in observance of the Thanksgiving holiday. ♦ \$866. ♦ Enroll in section 162LMR354. ♦ Special discounts: Early Enrollment Discount, Info Session Discount, LERANC, SAHRA, SEAC, SHRM. See page 47.



Paralegal Studies

Paralegal Studies Certificate Program

Become a valuable asset in any law firm by learning to perform the most critical functions in law offices, government organizations or as a freelancer. Acquire a comprehensive understanding and thorough knowledge of paralegal responsibilities, and realize a new career or enhance an existing one in just six months. Courses in the program include: Essential Skills for Paralegals, Tort Law, Contract Law and California Procedures.

extension.ucdavis.edu/paralegal

ADVANCED PARALEGAL STUDIES

ONLINE Paralegal Specialist Programs

Refine your expertise as a paralegal professional with our topic-specific programs. These programs expand career opportunities and empower you as a paralegal. Choose from 22 different programs and build your legal knowledge in areas including:

- Administrative Law
- Alternate Dispute Resolution Law
- Bankruptcy Law
- Business Law
- Contract Law
- Criminal Law
- Elder Law
- Employment Law
- Environmental Law
- Family Law
- Federal Tax Law
- Healthcare Law
- Immigration Law
- Injury Law
- Intellectual Property Law
- Juvenile Law
- Law Office Law
- Litigation Law
- Real Estate Law
- Sports Law
- Wills, Trusts and Estates Law
- Workers' Compensation Law

ONLINE!

Paralegal Studies Certificate Program

21 quarter units academic credit, X425.1

Includes support in Spanish!

The paralegal profession continues to be one of the fastest growing careers in the country. Acquire the knowledge you need to become a paralegal through this acclaimed program—offered online every quarter and in the classroom summer quarter. Areas of study include: legal ethics, terminology, research and writing, client management, pleading preparation, forms and form books, legal analysis, client correspondence, interviewing, investigation, citation form, evidence, trial preparation, contract law, tort law and California court procedures. Highlights include faculty who are licensed attorneys and online access to Lexis/Nexis and Westlaw. Program meets California's Paralegal Requirements as outlined in the Business and Professions Code Section 6450 (c) (2). Payment plan available.

TAMMI CLEARFIELD, MARGARET PICKARD, STEFANIE PLAUMANN. See page 42

Oct. 1-Dec. 31 ♦ Passwords are issued within two business days of enrollment. You will have six months to complete the program. No extensions will be granted for this course. Materials not included. After receiving your login and password, required textbooks need to be ordered from the following website: <http://www.paralegalstudy247.com/books/ucdavis.html>. Coursework can begin prior to receipt of textbooks. Materials are approximately \$800. Please call (530) 757-8895 or email businessinfo@ucdavis.edu with any questions on the Paralegal Programs. ♦ \$6,995. ♦ Enroll in section 162PLG300. ♦ Special discounts: SVPA. See page 47.

Personal Financial Planning

Personal Financial Planning Certificate Program

Acquire the expertise needed to become a financial planner and enhance your prospects in this growing field. UC Davis Extension's CFP® Board-registered program is designed specifically to cover the body of knowledge needed to prepare you for the CFP® Certification Examination. Learn to help others define and meet their life goals through smart financial resource management.

REQUIRED COURSES	UNITS
Introduction to Financial Planning and Analysis	4.5
Investments in Personal Financial Planning	4
Risk Management in Personal Financial Planning	3.5
Retirement and Employee Benefits Planning	3.5
Income Taxation in Personal Financial Planning	3.5
Estate Planning	3.5
Financial Plan Development and Presentation	4.5

extension.ucdavis.edu/financialcert

FREE INFORMATION SESSION

Personal Financial Planning

Meet with staff and instructors to discuss and learn about the CFP® Board-Registered Personal Financial Planning Certificate Program and career opportunities in the field of financial planning. Representatives from several financial firms will also be available to answer your questions. This program is designed specifically to cover the body of knowledge needed to prepare you for the CFP® Certification Examination. Learn to help others define and meet their life goals through smart financial resource management.

Certified Financial Planner Board of Standards, Inc. owns the trademarks CFP®, CERTIFIED FINANCIAL PLANNER™ and ® certification marks in the U.S., which it awards to individuals who successfully complete the CFP Board's initial and ongoing certification requirements.

RESERVE YOUR SEAT TODAY!

Aug. 9: Tues., 5:30-7 p.m.
 Sacramento: Sutter Square Galleria, 2901 K St.
 No Charge. Enroll in section 161PER800.

Introduction to Financial Planning and Analysis

4.5 quarter units academic credit, X420.19

Develop the foundational, technical and mathematical skills you need as a personal financial planner and to successfully complete the Personal Financial Planning Certificate Program. Gain a comprehensive understanding of the financial planning process and ethical requirements for the various personal financial planning disciplines, including taxation, investment analysis, insurance, employee benefits, debt/cash flow management and estate planning.

COURSE MATERIALS: *Personal Financial Planning Theory and Practice*, 8th ed., Michael A. Dalton, ISBN 1475422423.

BRYAN CHEW and **EUGENE HSU**.
 See page 42.

13 meetings ♦ Sept. 20-Dec. 13: Tues., 5:30-9 p.m. ♦ Sacramento: Galleria, 2901 K St. ♦ We recommend that students order textbooks directly from the publisher for best pricing: <http://www.kaplanfinancial.com/cfp/education-program/education-tools>. ♦ \$1,010. ♦ Enroll in section 162PER500. ♦ Special discounts: Early Enrollment Discount, FPA, Group Discount, Info Session Discount. See page 47.

Investments in Personal Financial Planning

4 quarter units academic credit, X420.5 ♦

Gain in-depth, practical knowledge of both U.S. and international investments. Learn about valuation techniques, expected rates of return, yield curves, fundamental and technical analyses, and portfolio construction and management. Specifically, you will examine the alignment of financial goals and risk tolerance, client assessment, types of risk, investment environments, securities markets, the regulatory environment, investment theories and strategies, types of investment vehicles, municipal bonds and mutual funds. You will also acquire a comprehensive understanding of the characteristics of stocks, bonds and U.S. government securities.

PREREQUISITES: *Fundamentals of Personal Financial Planning*, *Principles of Financial Analysis*.

COURSE MATERIALS: *Investments: Analysis and Management*, 2nd ed., Charles P. Jones, ISBN 1118363299.

CHASE ARMER. See page 42.

11 meetings ♦ Sept. 28-Dec. 7: Wed., 5:20-9 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ \$965. ♦ Enroll in section 162PER574. ♦ Special discounts: Early Enrollment Discount, FPA, Group Discount, Info Session Discount. See page 47.

Project Management



Project management is one of today's fastest-growing careers, but it's also one of the most competitive. Our Project Management education options equip you with the tools to succeed: industry knowledge, in-depth training, and the credibility to set yourself apart in this rapidly growing industry.

NEW!

Project Management Certificate:

Learn the skills you need to begin or advance your career. UC Davis Extension's completely updated, self-paced program is the fastest way to advance your career as a project manager:

- Complete in just 9 months
- Learn from anywhere with online convenience
- Take advantage of free career assistance from our partner, TEKSystems
- Save \$1,000 by enrolling in the Fast Track option

NEW!

4-day Exam Prep Course

Quickly prepare for the PMP® exam. As a Certified Project Management Professional, you could earn 20% more per year than your uncertified colleagues. *

NEW!

4-day Boot Camp

Designed for experienced project managers, this course covers advanced topics to help you take your career to the next level.

*Project Management Institute, "Earning Power: Project Management Salary Survey, Ninth Edition."

Note: If you are an existing project management certificate student, please contact Henry Atherley at (530) 757-8924 to discuss your personal pathway to completing your certificate.

NEW FALL COURSES

Foundations of Successful Project Management

Learn the core fundamentals of project management and build your knowledge for effectively initiating a project and managing the project scope. This course lays the foundation for creating a project plan, work breakdown structure (WBS), schedule, budget, communication plan, managing resources, identifying and managing risks, and understanding the project quality and procurement processes. You will learn how to effectively manage a project by understanding project lifecycles, standards and methodologies developed by Project Management Institute (PMI).

Sept. 26-Dec. 9 ♦

See website for details and to enroll

Establishing Higher Functioning Project Teams and Managing Resources

Projects are accomplished by using human resources to achieve project goals. Effective project managers must manage those human resources using skills in organizational planning, emotional intelligence, leadership, stakeholder management, team formation and development, communication and performance coaching. This course addresses the PMBOK knowledge areas of Human Resource Management, Communication Management and Stakeholder Management. Learn how to identify, develop, communicate and manage a high performance project team. Identify and effectively manage all resources required to successfully manage a project. Develop a comprehensive human resources and communication plan and effectively manage stakeholder expectations. Analyze and report on individual and team performance to achieve project success.

Sept. 26-Dec. 9 ♦ See website for details and to enroll

ALSO LSO OF INTEREST

Business Analysis

See page 11.

Construction Management

See page 14.

Human Resources

See page 16.



CONFLICT RESOLUTION/ COLLABORATION CENTER

CONTACT INFORMATION

Monica Jackson, Director extension@ucdavis.edu

ONLINE!

Introduction to Conflict Resolution

2 quarter units academic credit, X414.10 ♦
20 AICP hours ♦ 20 MCLE hours

Become a vital problem-solver in your organization or community. Build a solid foundation in the basics of conflict resolution, and learn theory and new techniques for mediating conflicts and facilitating group dynamics. Discover leading models in the field and apply these to current cases using practical strategies to effectively transform conflicts.

MARY MADISON CAMPBELL. See page 42.

Oct. 12-Dec. 7 ♦ \$795. ♦ Enroll in section 162DSD001.

Need a little help financing your educational investment?

Several lenders provide educational loans for UC Davis Extension programs. For more information, please call our Student Services office.

(800) 752-0881

See page 46 for additional student resources.

COLLABORATION CENTER



FACILITATION • MEDIATION • PROFESSIONAL TRAINING

Let UC Davis Extension's Collaboration Center help you enhance your knowledge about the latest technologies, methods and practices in facilitation, mediation and community engagement.

Services are available for government agencies, private-sector organizations, non-profit groups and communities.

Facilitation and mediation services include:

- Facilitating informed policy-making
- Mediation and dispute resolution
- Multicultural public engagement

Education and training services include:

- A Professional Concentration in Conflict Resolution
- Online and classroom courses in facilitation, mediation and community engagement
- Customized trainings for professionals

For more information, visit extension.ucdavis.edu/collaboration or call (530) 757-8965.

Instant Connection

 Join us on Facebook.
facebook.com/ucdextension

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twitter.com/ucdextension

 Follow us on LinkedIn.
linkedin.com/company/uc-davis-extension

 Watch us on YouTube.
youtube.com/ucdavisextension



ENVIRONMENT AND SUSTAINABILITY

CONTACT INFORMATION

Monica Jackson, Director extension@ucdavis.edu

Sustainability and Green Building

ONLINE

Sustainability and the Built Environment Certificate Program

This online certificate offers comprehensive knowledge on how to plan, design, construct and manage communities from a more sustainable perspective. Acquire the skills necessary to integrate sustainable design principles into long-range visions and the day-to-day development and management of the built environment.

REQUIRED	UNITS	F	W	SP	SU
Sustainability and the Built Environment	2		●		
Sustainable Planning, Environmental Site Design and Development	2			●	
Sustainable Water Management and Landscape Design	2			●	
Green Architecture	2			●	
Green Building Materials and Construction Methods	2			●	
Building Efficiencies: Low Carbon and Renewable Energy	2	●			
LEED Building Certification	2				TBD
The Business of Sustainability	2			●	

extension.ucdavis.edu/builtenvironmentcert

ONLINE

Renewable Energy Professional Concentration

Renewable energy and energy-efficient technologies are key to creating a clean energy future. Gain in-depth technical training and learn to develop successful strategies for incorporating renewable energy systems into site planning and design, building design and construction and building management practices.

REQUIRED	UNITS	F	W	SP	SU
Sustainability and the Built Environment	2			●	
Building Efficiencies: Low Carbon and Renewable Energy	2	●			
Solar Photovoltaic (PV) Energy Systems Design	2		●		
Bioenergy Systems Design	2		●		
Cogeneration and District Solutions	1	●			

extension.ucdavis.edu/greenbuilding

ONLINE

Green Building and Sustainable Design Professional Concentration

By combining elements from landscape architecture, civil engineering, land use planning and more, this program will help you create successful strategies for implementing green building and sustainable design practices into your cities, neighborhoods, sites and buildings.

REQUIRED	UNITS	F	W	SP	SU
Sustainable Planning, Environmental Site Design and Development	2			●	
Green Architecture	2			●	
Sustainable Water Management and Landscape Design	2		●		
Building Efficiencies: Low Carbon and Renewable Energy	2	●			
LEED Building Certification	2			●	

extension.ucdavis.edu/greenbuilding

Environment and Sustainability



Environmental Management and Compliance

ONLINE!

Environmental Management and Sustainability

1.5 quarter units academic credit, X490.1 ♦
2.51 ABIH CEUs ♦ 15 AICP hours ♦ 1.99 CSP
CEUs ♦ 15 REHS hours

Gain a solid foundation in the principles of environmental management and sustainability. Discuss the main elements of environmental management, including “ISO 14001 Guidelines,” program design and execution, gaining leadership and organizational participation, stakeholder involvement and performance assessment. Explore sustainability standards, such as the UL Interim Sustainability Requirements 880, and management of environmental elements, including water conservation, energy conservation and greenhouse gas reduction. This course benefits environmental managers, Environmental Health and Safety (EHS) professionals, regulators, managers and executives with environmental responsibilities. This is a required course for the *Environmental Management for Industry and Facilities Professional Concentration*.

MARK POSSON and THOMAS KATO.

Oct. 4-Nov. 8: Tues. 6-7:30 p.m. (PT). ♦ This is an online webinar course ♦ \$595. ♦ Enroll in section 162HS0571. ♦ Special discounts: Group Discount, Info Session Discount. See page 47.

Environmental Management for Industry and Facilities Professional Concentration

Courses may be taken individually or as part of the program. Complete the six required courses and 1.5 units of electives to earn your professional concentration.

REQUIRED COURSES (6 UNITS)	UNITS
Environmental and Toxics Laws & Regulations	1.5
Environmental Management and Sustainability	1.5
Introduction to Chemical Hazards	.75
Hazardous Waste Generator Training	.75
Air Quality	1.5
Water Quality Regulation and Permitting	.6 CEU
ELECTIVE COURSES (1.5 UNITS)	
Hazardous Materials Transportation	.75
Environmental Auditing	.75
extension.ucdavis.edu/environmental	





HEALTH AND SAFETY

CONTACT INFORMATION

Monica Jackson, Director, extension@ucdavis.edu

Health and Safety



Workplace Health and Safety Manager Certificate Program

Prepare for a successful career as an occupational health and safety manager—in just six months. This program focuses on a core set of topics that are included in the OHST, ASP and CSP examinations. Each course incorporates topics, examples, activities and exam questions that will prepare you to advance your career.

Complete the nine required courses (15.5 units) to obtain your certificate)

REQUIRED COURSES	UNITS
Health and Safety for Workers: Laws and Regulations	1.5
Industrial Safety Hazard Control	2.25
Health and Safety Management and Program Development	3.0
Introduction to Industrial Hygiene	1.5
Industrial Hygiene Sampling and Monitoring Instruments	1.5
Ergonomics in the Workplace	1.5
Fire and Life Safety Awareness	1.5
Emergency Preparation and Management	1.5
Incident Investigation Techniques	1.5

ucdavis.edu/environmental-health

Designing and Delivering Effective Health and Safety Training

4 quarter units academic credit, X426.6 ♦
6.68 ABIH CEUs ♦ 4 CSP CEUs ♦
40 REHS hours

Learn to design, develop and deliver workplace health and safety training programs using a wide range of instructional methods. Explore various approaches to instruction, including participatory techniques, tips for engaging a specific audience, and facilitating discussions and small group activity methods. Topics include: adult learning principles, assessing audience needs, course development, instructional methods, presentation techniques, evaluation and feedback. You will develop and deliver a presentation using the techniques covered and are encouraged to bring work-related projects and supporting materials. A laptop computer is recommended, but not required. This is a required course for the *Health and Safety Training Professional Concentration*. Two units from this course can be applied as elective credit toward the *Workplace Health and Safety Certificate Program*.

PAULA DRIVER SHIMADA. See page 42.

5 meetings ♦ Oct. 17-21: Mon.- Fri.,
8 a.m.-5 p.m. ♦ Davis: 1632 DaVinci Court ♦
\$800. ♦ Enroll in section 162HSD122. ♦ Special
discounts: Group Discount, Info Session
Discount. See page 47.

ALSO OF INTEREST

Environmental Management for Industry and Facilities Professional Concentration

see page 23.

Environmental Management and Sustainability Begins Oct. 4

see page 23.



Health and Safety Management and Program Development

3 quarter units academic credit, X488.4A ♦
5.01 ABIH CEUs ♦ 3.99 CEP CEUs ♦
30 REHS hours

Explore the various approaches to health and safety management, including methods to obtain and maintain top management support; methods to obtain and maintain employee/union support; how to determine the real cost of accidents; behavior modification practices; the success and failure of rewards and recognition programs; and techniques for system-based auditing. Learn how to investigate the causes of accidents, organize health and safety committees, and develop health and safety training programs. This is a required course for the *Workplace Health and Safety Certificate Program*.

MICHAEL COOPER. See page 42.

4 meetings ♦ Nov. 1-4: Tues.-Fri.,
8:30 a.m.-5 p.m. ♦ Sacramento: Galleria,
2901 K St. ♦ \$790. ♦ Enroll in section
162HSD501. ♦ Special discounts: Group
Discount, Info Session Discount. See page 47.

CSP/ASP/OHST EXAM PREPARATION

All academic courses in this section are designed to help prepare students for the CSP, ASP and OHST certification examinations.

Emergency Preparation and Management

1.5 quarter units academic credit, X485.20 ♦
2.51 ABIH CEUs ♦ 1.99 CSP CEUs ♦
15 REHS hours

Is your organization prepared for emergency situations? Does it comply with state and federal laws that require actionable and current emergency response plans? Gain insight into being more proactive in emergency preparedness by developing strategies to help prevent and mitigate hazards, as well as for response and recovery efforts. Discuss key components of emergency response plans and management techniques common to all emergency situations, including natural disasters, fire, security threats and hazardous materials incidents. Expand your understanding with an overview of relevant local and federal government response plans and agencies, the Incident Commands System (ICS), disaster notifications, crisis management skills, decision making under pressure, effective communication techniques, and media and public relations factors. This course is an elective in the *Workplace Health and Safety Certificate Program*.

JERRY COLIVAS. See page 42.

2 meetings ♦ Nov. 15-16: Tues., Wed.,
8:30 a.m.-5 p.m. ♦ Sacramento: Sutter Square
Galleria, 2901 K St. ♦ \$595. ♦ Enroll in section
162HSD513. ♦ Special discounts: Group
Discount, Info Session Discount. See page 47.

Hazardous Waste Workers

40-Hour Hazardous Waste Operations (HAZWOPER) Training

Hazardous waste operations professionals will learn how to maintain compliance with 29 CFR 1910.120 and 8 CCR 5192 regulations. Topics covered include chemical and physical hazard recognition, hazard controls, selection of personal protective equipment, air monitoring, respiratory protection, site control, decontamination, field-specific operations and an introduction to emergency response. Classroom instruction and a field exercise inform the use of personal protection equipment, monitoring, sampling and decon practices. Participants will receive a printed copy of the PowerPoint presentation and a CD containing the course manual. Individuals who are medically evaluated and present a physician's written consent and bring their personal respirator will receive a complementary qualitative fit test. The quantitative fit test is also available for an additional \$35 fee.

5 meetings ♦ Sept. 12-16: Mon.-Fri.,
8 a.m.-5 p.m. ♦ Folsom, CA: NES, Inc.,
1141 Sibley Street ♦ Course fee includes course
materials, morning refreshments and free
parking within the business park. ♦ \$699. ♦
Enroll in section 162HEA100.

"IN JUST MORE THAN A YEAR, I COMPLETED the certificate program, which gave me an excellent foundation in the technical and practical aspects of EHS. This base gave me the confidence to develop in my new position and, after a couple of more years of on-the-job experience, I qualified and passed the Certified Safety Professional exam. Since that time I have been promoted to the position of manager of Corporate EHS. I believe that much of my success is the result of the excellence of this program."

—LESLIE K.

FINANCIAL ASSISTANCE OPTIONS

Students in courses and programs offered through UC Davis Extension may be eligible for job training funds, alternative student loans, tax credits or other financial assistance. The UC Davis Extension Student Services office can work with you to identify available financial assistance options.

For more information, please visit

extension.ucdavis.edu/student_services/resources/financing.asp

or contact us at (800) 752-0881.



HEALTH SCIENCES

CONTACT INFORMATION

Susan Catron, Associate Dean, Center for Program Innovation healthinfo@ucdavis.edu

FREE ONLINE INFORMATION SESSION

Health Informatics & Healthcare Analytics

RESERVE YOUR SPOT TODAY!

August 10, 9-10 a.m., PT.

Enroll in section 161MHI302: extension.ucdavis.edu/free

FREE ONLINE INFORMATION SESSION

Autism Spectrum Disorder

RESERVE YOUR SPOT TODAY!

August 17, 9-10 a.m., PT.

Enroll in section 1161ADL300: extension.ucdavis.edu/free

Health Informatics Certificate Program

The demand for health professionals who can develop, utilize and add value to clinical information systems is growing. This online certificate program was developed in partnership with the nationally regarded UC Davis Health Informatics Program, giving you access to UC experts and industry-leading instructors from the convenience of your computer.

COURSE	UNITS	F	W	SP	SU
REQUIRED COURSES					
Introduction to Health Informatics	4	●		●	
Clinical Data and Electronic Health Records	3		●		●
Health Information Systems Analysis and Design	3	●		●	
Clinical Decision Support	3		●		●
ELECTIVE COURSES (CHOOSE TWO)					
Consumer and Mobile Health Informatics	3	●			
Telemedicine	4			●	
Computer Security and Privacy in Healthcare	3				●
Interoperability and Health Information Exchange	3	●			

Course schedules, fees and enrollment details available at

extension.ucdavis.edu/healthsciences

Healthcare Analytics Certificate Program

Clinical analytics is emerging as a critical competency to help payers and integrated health delivery systems better manage risk and improve value. Developed in partnership with leading experts in the UC Davis Health System, UC Davis Extension courses will put you on the cutting edge of the industry.

COURSE	UNITS	F	W	SP	SU
Introduction to Healthcare Analytics	3	●		●	
Healthcare Data Acquisition and Management	3		●		●
Applied Healthcare Statistics	3	●		●	
Data Mining for Healthcare Analytics	3		●		●
Quantitative Methods and Decision Analysis	3	●		●	
Optional: SAS Primer for Healthcare Analytics*	NC		●		●

Course schedules, fees and enrollment details available at

extension.ucdavis.edu/healthsciences

“Being in a class with a mixed group of people who had both technical and healthcare expertise was amazing. The weekly discussions about my classmates’ professional experiences provided an opportunity for me to hear different viewpoints in an interdisciplinary setting.”
—Lien Nguyen, Ph.D. student and researcher, College of Health Sciences at UW-Milwaukee

Autism Spectrum Disorder Professional Concentration

Autism Spectrum Disorder courses from UC Davis Extension address the critical professional development needs of therapists, educators, parents and clinical professionals who provide interventions and support for individuals from early childhood thru adulthood.

REQUIRED (9 UNITS)	UNITS	F	W	SP	SU
Understanding Autism Spectrum Disorder	3	●	●	●	
Applied Behavior Analysis Strategies and Interventions for ASD	3	●	●		
Evidence-Based Practices for Autism Spectrum Disorder	3	●	●		

Course schedules, fees and enrollment details available at

extension.ucdavis.edu/autism

ADDITIONAL COURSES!	UNITS	F	W	SP	SU
Early Start Denver Model – Introductory Workshop	0	●	●	●	●
Augmentative and Alternative Communication	3	●			

Note: These courses do not count toward the Autism Spectrum Disorder Professional Concentration.



HUMAN SERVICES

CONTACT INFORMATION

Martin Graff, Director human@ucdavis.edu.

Unique fellowship provides advanced training in infant-parent mental health

The Napa Infant-Parent Mental Health Fellowship is a highly regarded 15-month trans-disciplinary training and mentoring program for professionals who work with children ages 0 to 5. This unique program provides a rich, interdisciplinary learning experience designed to equip professionals with the latest thinking and research on models of care, and to support a deep and broad understanding of relationship-based therapies.

Now administered through UC Davis Extension's Center for Human Services, the Napa Infant-Parent Mental Health Fellowship is designed for working professionals and features a dynamic learning experience, convenience and flexibility, as well as academic and professional credit. The fellowship is a non-residential program which convenes classes one weekend per month in the Napa Valley.

Upon being selected into the prestigious program, participants have the opportunity to hear from, and interact with, some of the most recognized experts in the field of infant mental health, and to engage in practice-based mentoring. Some of the internationally acclaimed faculty include Kristie Brandt, C.N.M., D.N.P., Bruce D. Perry, M.D., Ph.D., Peter Fonagy, Ph.D., John Hornstein, Ed.D., and T. Berry Brazelton, M.D. (or one of Brazelton's faculty). Sessions are highly interactive and cover a wide range of topics such as neurobiology of maltreatment and trauma and the use of video in therapy work with children, families and caregivers.

"One piece of the fellowship that has been significant in my growth and professional learning is the reflective supervision and reflective practice," explained Emily Wong, clinical psychologist in Calgary, Alberta, Canada, and fellowship student. "Where we have the luminary faculty teaching us the content, we also have reflective supervisors to help us build on the new knowledge and integrate it into the heart of our practice."

The fellowship curriculum is grounded in the latest research and practice models and can be immediately applied in the workplace. Participation is open to post-baccalaureate through post-doctoral professionals, including physicians, nurses, psychologists, social workers, educators, MFTs, OTs, PTs, SLPs and other specialty practitioners.

"We are so excited to make this one-of-a-kind program available to professionals looking to increase their expertise in relationship-based therapies," said Martin Graff, chair and director of the Center for Human Services, UC Davis Extension. "The opportunity to bring these world-renowned experts to the region in such an accessible format for fellowship students is quite extraordinary."

The 2017-2018 program begins in January 2017 and the application and selection process is now open. The program confers 23 units of academic credit in the graduate professional series at UC Davis, and it fulfills requirements in California and Michigan for certification as an Infant Mental Health Specialist.

For more information or to apply, email Laurie Eaton at leaton@ucdavis.edu or visit our website.

humanservices.ucdavis.edu

About the Center for Human Services

UC Davis Extension's Center for Human Services (CHS) provides social service agencies with innovative, research-based training opportunities, organizational/professional assistance and access to the vast resources of the University of California while maintaining a nimble ability to respond to clients' constantly evolving needs. For more than 35 years, CHS' proven expertise and commitment to its customers has resulted in long-term partnerships with the human services agencies and organizations that provide the "safety net" for our communities.

CHS delivers training in a diverse array of areas, including:

- Child welfare
- Eligibility/Employment services
- Tribal social services
- Juvenile probation
- Behavioral health
- Developmental disabilities services
- Early child development
- Adult protective services

Center for Human Services
UC Davis Extension
University of California
1632 Da Vinci Ct.
Davis, CA 95618-4860
humanservices.ucdavis.edu
(530) 757-8643



INFORMATION TECHNOLOGY

CONTACT INFORMATION

Linda Behrens, Department Chair, Information Technology, Engineering and Emerging Markets
extension@ucdavis.edu

Web Design and Development

ONLINE

Web Development Certificate Program

This foundational program is designed to give students the skills they need to fully understand and execute web development, including courses in HTML and CSS, database concepts and SQL, and dynamic tools such as JavaScript and AJAX. All courses focus on practical skills for professional development and are project-driven and contextualized around real-world scenarios. Courses include: Creating Functional Websites, Server-side Scripting with PHP, and Database Design, Development and Management.

extension.ucdavis.edu/webdevelopment

Website Design Professional Concentration

Learn to create successful websites from leading professional designers. Whether you want to increase your expertise in web page design or develop basic web skills, this program enables you to write your own code, use visual authoring software and create dynamic web graphics for professional and personal websites. This program includes *Creating Functional Websites*.

extension.ucdavis.edu/websitepc

ONLINE!

Creating Functional Websites

3 quarter units academic credit, X481.5

Design and build your own professional and attractive web pages. Learn the basics of the “language of the Internet” through hands-on coding with HTML and CSS. Discover how to construct your own web pages by using the concepts involved with CSS and HTML5, including such fundamentals as lists, menus, hyperlinks, images, forms, tables, frames and other customizable parts. Explore the creation and production processes involved in website development by examining web interface technologies and their applications. The final project for this class can serve as a portfolio piece to showcase your capabilities to prospective employers.

BRENT MARTIN. See page 42.

Sept. 14-Nov. 22 ♦ Enrollments will be accepted through Sept. 27. ♦ \$825. ♦ Enroll in section 162IHW501. ♦ Special discounts: Early Enrollment Discount, Info Session Discount. See page 47.

FREE INFORMATION SESSION

Web Development

The demand for qualified web development and IT professionals continues to rise. In response to this growing demand, UC Davis Extension offers a Web Development Certificate Program designed to provide students with the core skill set to succeed in almost any IT environment. Join us for a free information session to learn more about this program and how you can excel in today’s digital workforce. We’ll discuss program requirements and content, career options and emerging trends in the field. You’ll also meet staff and program advisers who can answer your questions, and learn more about how UC Davis Extension’s courses and programs can advance your career or help you discover a new one.

RESERVE YOUR SEAT TODAY

Aug. 17: Wed., 5:30-7 p.m.

Sacramento: Sutter Square Galleria, 2901 K St.
 Enroll in section 161IHW301

facebook instant connection



**UC DAVIS
EXTENSION**
INFORMATION
TECHNOLOGY

Join Information
Technology on
Facebook for
current issues,
program updates
and special offers.

facebook.com/ucdeit

ONLINE!**Server-Side Scripting with PHP**

3 quarter units academic credit, X498.2

Transform basic websites into interactive experiences using PHP, the most commonly used server-side scripting language. Server-side scripting languages allow you to create dynamic interactions that are driven by programming logic, data from databases and server files, or content based on user input. Explore dynamic graphics using PHP, as well as the world of syndication and web services. You'll also learn how to create secure applications that can handle unexpected user entries.

PREREQUISITES: *Creating Functional Websites* or similar coursework. Students should have a solid understanding of web concepts, including XHTML, CSS; experience building web pages and working with files and file systems; FTP and basic web server experience. Understanding of basic programming logic is suggested.

COURSE MATERIALS: *Head First PHP & MySQL*, 1st ed., Lynn Beighley, ISBN 0596006306. For textbook ordering information, see page TT.

DANIEL RANDALL. See page 42.

Sept. 21-Nov. 29 ♦ Enrollments will be accepted through Oct. 4. ♦ \$825. ♦ Enroll in section 162IIW512. ♦ Special discounts: Early Enrollment Discount, Group Discount, Info Session Discount. See page 47.

ONLINE!**Creating Web Applications with AJAX**

3 quarter units academic credit, X498.3

AJAX has been described as “the special sauce” that makes web magic happen. In reality, it’s a combination of technologies working together to create highly interactive web content. AJAX combines HTML5, CSS, JavaScript and server side scripting to allow fully dynamic page content without the need to reload pages in the browser, including database-driven content. Learning AJAX combines the skills learned in HTML5, CSS, JavaScript, Database Development and PHP into a complete package, allowing you to build any type of website or web application you need.

PREREQUISITES: Suggested prerequisites: *Creating Functional Websites*, *Web Programming with JavaScript*, and *Server-Side Scripting with PHP*. Or functional understanding of HTML, CSS, JavaScript and server-side scripting.

COURSE MATERIALS: *Ajax for Web Application Developers*, Hadlock, K., ISBN 978-0-672-32912-8.

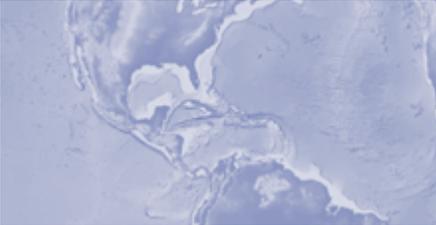
DANIEL RANDALL. See page 42

Sept. 21-Nov. 29 ♦ Enrollments will be accepted through Oct. 4. ♦ \$825. ♦ Enroll in section 162IIW513. ♦ Special discounts: Early Enrollment Discount, Group Discount, Info Session Discount. See page 47.

**Download our FREE Regional IT Jobs Report**

Learn which skills are in demand, the top job sectors for IT professionals and who’s hiring in the region—download UC Davis Extension’s Regional IT Jobs Report.

extensioninfo.ucdavis.edu/2016regionalitreport-catalog



INTERNATIONAL PROGRAMS

CONTACT INFORMATION

Beth Greenwood, Associate Dean, Center for International Education

Intensive English Program for International Students

Expand your academic, professional and cultural experiences by improving your English language and communication skills. No matter what your current level—beginning to advanced—increase your grammar, vocabulary, writing, reading, listening and speaking ability in just 10 weeks. A diagnostic evaluation upon your arrival measures your proficiency. You will then be placed in a level with students of similar ability.

Learn from highly qualified and experienced teachers of English as a Second Language. Attend small classes, and take 20 hours of classroom instruction per week. In addition, you will attend weekly classes in the Multimedia Resource Center, where you will practice listening and speaking, and develop your pronunciation and comprehension skills. Six computer laboratories with Internet access are provided.

Possible elective classes, available to intermediate and advanced level students, include Listening and Speaking, Film Studies, U.S. Society and Culture, English Through Drama, Everyday Expressions and Idioms, Public Speaking, Communication Skills, Business Writing, Reading and Oral Communication Skills, Pronunciation, and preparation for TOEFL and IELTS exams, which we offer every quarter. Advanced students also have the opportunity to take on-campus credit courses, as well as other UC Davis Extension professional development courses.

This 10-week course is offered year round, every quarter, on a full-time and part-time basis. It is intended for non-native speakers living in the Sacramento/Davis area or from abroad. If you would like to take a class or two, you may enroll on a space-available basis.

UC DAVIS EXTENSION FACULTY.

Sept. 28-Dec. 9 ♦ Davis: UC Davis Extension Center, Orchard Park Dr. ♦ Fee: \$3,690 (full time). Enroll in section 162TN0101. Email intlinfo@ucdavis.edu for part-time rates.

We can bring these courses to your company or organization:

- Workplace English
- Business Writing
- Pronunciation and Conversational Fluency
- TOEFL Test Preparation

For more information please call (530) 757-8686.

PRE-GRADUATE PROGRAM



“At the end of three quarters I passed iBT TOEFL and was accepted for a master’s program at New York University, which was my main goal!”

*—Symbat Irgebayev,
Kazakhstan*

Solid preparation for international students applying to U.S. graduate programs

Strengthen your English language skills and acquire the academic skills necessary for graduate school success.

- TOEFL and GRE/GMAT test preparation
- Intensive support with U.S. graduate application process
- Visits to U.S. graduate schools to meet admissions staff
- Possibility to audit certain undergraduate classes alongside UC Davis students

Program begins this September! For more information, visit cie.ucdavis.edu/PGP

LAND USE AND NATURAL RESOURCES

CONTACT INFORMATION

Monica Jackson, Director extension@ucdavis.edu

Land Use Planning

Land Use and Environmental Planning Certificate Program

Designed for planning and environmental professionals of all backgrounds, this program will give you the foundation you need to master the body of knowledge associated with land use and environmental planning, policy and management.

REQUIRED COURSES	UNITS
Environmental Planning and Site Analysis	4
Financial Aspects of Planning	4
Community Involvement and Communication in Planning	2
Planning in California: An Overview	4
Planning and Environmental Law	3
Urban Planning and Design Studio	3

Along with these core courses, you must also complete eight elective courses.

To learn more about this or other Land Use and Natural Resources programs, visit

extension.ucdavis.edu/landuse

FREE INFORMATION SESSION

Land Use and Natural Resources

Join us for this free information session to learn more about our Land Use and Natural Resources Program. Meet our instructors and staff, and find out what our programs can offer you. As the largest of its kind in the western United States, our Land Use and Natural Resources program meets the continuing education needs of planners, attorneys, resource managers, government officials, developers and others involved in the planning process and the management of environmental resources. Come get your questions answered, and learn about how our programs can help you advance your career.

RESERVE YOUR SEAT TODAY!

Sept.7, 2016: Wed., 5:30-7 p.m.
Sacramento: Sutter Square Galleria, 2901 K St.
Attendees will receive a discount code good for \$100 off your first enrollment in any Land Use and Natural Resources course.

No Charge. Enroll in section 161LUP100

Land Use Planning for Non-Planners: An Introduction to Planning in California

6 MCLE hours ♦ .6 CEUs

Puzzled by planning jargon and regulations that make public meetings and conversations about community development, infrastructure projects, economic development and environmental quality almost incomprehensible? PUD, SCS, MTP, RHNA, CEQA, NEPA, GHG, VMT, FAR, SFU. OMG!

Drawing on years of experience, instructors cover the intricacies of planning, translate the jargon, and explain how state and local planning practices and policies are developed and how they impact all aspects of our lives. Learn how to more effectively participate in planning processes and how to understand the impacts of the complex legal issues associated with both land use and environmental planning.

Designed for those who regularly confront the planning process, this course provides a basic understanding of the procedures for local review of land use and development proposals. Although primarily intended for the non-planner, this course is also useful for those considering a career in planning.

THOMAS JACOBSON and VIVIAN KAHN.

See page 42.

1 meeting ♦ Sept. 9: Fri., 9 a.m.-4:30 p.m. ♦
Sacramento: Galleria, 2901 K St. ♦ \$300. ♦
Enroll in section 162LUP110. ♦ Special discounts: AEP, APA, ASLA, BIA, Group Discount, Info Session Discount. See page 47.

Airports and Land Use Compatibility Planning

6 AICP hours ♦ .6 CEUs

For many years metropolitan-area airports were located miles from urban centers and rarely influenced or influenced by local development. Increasing growth pressures, urban sprawl and ongoing growth in the aviation industry have led to increased conflicts between airports and nearby development.

Gain an understanding of airport land use compatibility and how it affects planning practices in California. Learn about the issues associated with airport land use compatibility, such as noise, flight patterns, population densities and how these and other issues can affect proposed development in the airport vicinity.

Learn how to address airport compatibility issues when preparing environmental documentation pursuant to CEQA and what to address when projects are located near an airport or within an airport influence or referral area. In-class exercises will include the use of the *California Airport Land Use Planning Handbook*, FAA guidance, examples of recent compatible land use plans and review criteria prepared for projects in California.

STEVE ALVERSON. See page 42.

1 meeting ♦ Sept. 29: Thur., 9 a.m.-4:30 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ \$360. ♦ Enroll in section 162LUP121.

Community Design and Public Health

6 AICP hours ♦ .6 CEUs

There are strong connections between the built environment and public health. Land use and public health professionals are working together to develop a framework for understanding how land use decisions can improve public health and how the public health profession can support healthier community planning. Learn about the historic and present connections between planning and public health and the most recent efforts by public health to inform land use policy and practice. Delve into projects at the grassroots, local and state public health department levels and learn from practitioners at all levels. Examine new tools that local public health departments have devised to work collaboratively with land use and transportation planners including, the General Plan “Health” Element, Health Impact Assessments and health indicators. Apply your experience and knowledge using the public health lens on specific project examples.

JEFFREY ROSENHALL. See page 42.

1 meeting ♦ Oct. 14: Fri., 9 a.m.-4:30 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ \$360. ♦ Enroll in section 162LUP148. ♦ Special discounts: AEP, APA, ASLA, BIA, Group Discount, Info Session Discount. See page 47.

Financial Aspects of Planning

4 quarter units academic credit, X432.4 ♦
28 AICP hours ♦ 28 MCLE hours

Gain an understanding of how planning decisions impact the economic feasibility of a proposed project for the public agency and developer. Learn how money flows into a governmental agency, what they can or can't do to increase that flow, and how debt fits into the whole equation.

Topics in this course include:

- Fiscal impact analysis and its importance
- Local government revenues
- Public debt and its alternatives
- Fiscal and financial analysis and how they fit into the planning process
- A developer's perspective of how planning decisions affect the bottom line
- The balance between the goals and objectives of public and private-sector participants

Approximately 20 hours of study and full attendance to all course meetings are required. A course assignment will be mailed four weeks before the course begins, which you are required to complete before the first day of class.

RUSS BRANSON, MICHAEL COLEMAN, JOHN SPRAGUE, DAVID ZEHNDER, STEPHEN DES JARDINS. See page 42.

4 meetings ♦ Nov. 3-4 and Dec. 1-2: Thur., Fri., 8 a.m.-4:30 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ \$675. ♦ Enroll in section 162LUP510. ♦ Special discounts: APA, ASLA, BIA, Group Discount, Info Session Discount. See page 47.

NEW!**The General Plan in California**

6 AICP hours ♦ .6 MCLE hours ♦ 6 CEUs

Does your community need to update its General Plan? David Early, author of *The General Plan in California*, will share his insights on the policies and best practices associated with general plan preparation. Learn how to scope and budget a project, hire consulting assistance as necessary and finish the project in an efficient and comprehensive manner. Topics include:

- General plan law and requirements
- Data collection, mapping and land use inventories
- Preparing and evaluating alternatives
- Integration of CEQA
- Public involvement in general planning
- Sustainability in the general plan

Students will receive a copy of the book *The General Plan in California* published by Solano Press.

DAVID EARLY. See page 42.

1 meeting ♦ Nov. 4: Fri., 9 a.m.-4:30 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ \$360. ♦ Enroll in section 162LUP512. ♦ Special discounts: AEP, APA, ASLA, BIA, Group Discount, Info Session Discount. See page 47.

Subdivision Map Act: An Advanced Seminar

6 AICP hours ♦ .6 CEUs

The inherent inconsistencies and discrepancies of the Subdivision Map Act can cause frequent problems in administration and interpretation. This program looks to legal interpretation and practical experience in providing guidelines for effective practice. Examine some of the more troublesome provisions and “advanced” aspects of the Subdivision Map Act, and receive an update on recent legislation and court decisions affecting the Act. Learn how to deal with antiquated subdivision (old maps); processing lot line adjustments; the responsibilities and powers of local agencies regarding certificates of compliance; how vested rights affect the subdivision process; conditions that can/cannot be legally attached to maps; the interplay of the Map Act with the general plan, zoning and CEQA; new laws addressing “environmental” subdivisions; and mergers, alternatives and other related issues.

MICHAEL DURKEE. See page 42.

1 meeting ♦ Dec. 8: Thur., 9 a.m.-4:30 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ \$360. ♦ Enroll in section 162LUP131. ♦ Special discounts: AEP, APA, ASLA, BIA, Group Discount, Info Session Discount. See page 47.

NEW ONLINE COURSE!**NEPA Streamlining and the FAST Act**

Learn to streamline and make more efficient the NEPA process. Topics covered include the White House Council on Environmental Quality (CEQ), guidance on improving the efficiency of NEPA reviews, the Permitting Dashboard for federal infrastructure projects, and the recent passage of the Fixing America’s Surface Transportation (FAST) Act and its numerous provisions focused on accelerating NEPA review.

MICHAEL SMITH. See page 42.

Oct. 12: Wed., 10-11:30 a.m. ♦ \$199. ♦ Enroll in section 162NAD603. ♦ Special discounts: AEP, APA, ASLA, BIA, Early Enrollment Discount, Group Discount. See page 47.

Natural Resources



NEW!

Introduction to NEPA

6 AICP hours ♦ 6 MCLE hours ♦ .6 CEUs

Gain an introduction to the National Environmental Policy Act (NEPA), including policies, procedures and environmental documents necessary for successful compliance. Primarily designed for new and mid-level NEPA practitioners, this course will inform agency staff, consultants, regulators, applicants and other interested professionals about best NEPA practices.

Topics include:

- NEPA's legal and regulatory framework
- Determining whether NEPA applies to a proposed action
- Key steps in the NEPA environmental review process
- Determining which type of NEPA document to prepare
- Scoping for NEPA analyses
- Successful integration of NEPA with other environmental laws
- Direct, indirect and cumulative impact analysis
- Determining significance of impacts
- Developing and evaluating a reasonable range of alternatives
- Writing adequate and feasible mitigation measures
- Legal adequacy of NEPA documents and NEPA case law

MICHAEL SMITH. See page 42.

1 meeting ♦ Sept. 14: Wed., 9 a.m.-4:30 p.m.
♦ Washington, D.C.: 1608 Rhode Island Ave., N.W. ♦ \$360. ♦ Enroll in section 162NAT452. ♦ Special discounts: AEP, APA, ASLA, BIA, Group Discount, Info Session Discount. See page 47.

NEW!

Advanced NEPA

6 AICP hours ♦ 6 MCLE hours ♦ .6 CEUs

National Environmental Policy Act (NEPA) practice is constantly evolving through new federal agency and Council on Environmental Quality (CEQ) guidance and federal court decisions. This workshop is primarily designed for intermediate to advanced NEPA practitioners, applicants and attorneys who already have a basic understanding of the NEPA process. Led by key thought leaders from the federal government, private consulting firms and law firms, the workshop will cover a number of advanced topics, including:

- Constructing a legally sufficient purpose, need and reasonable range of alternatives
- NEPA streamlining strategies
- Programmatic analyses and tiering
- Cumulative impact analyses
- Incorporating climate change into NEPA analyses

MICHAEL SMITH. See page 42.

1 meeting ♦ Sept. 15: Wed., 9 a.m.-4:30 p.m.
♦ Washington, D.C.: 1608 Rhode Island Ave., N.W. ♦ \$360. ♦ Enroll in section 162NAT453. ♦ Special discounts: AEP, APA, ASLA, BIA, Group Discount, Info Session Discount. See page 47.

NEW!

Bald and Golden Eagle Act and the Migratory Bird Treaty Act Compliance

6 AICP hours ♦ 6 MCLE hours ♦ .6 CEUs

The Bald and Golden Eagle Protection Act (Eagle Act) and Migratory Bird Treaty Act (MBTA) are the cornerstone of federal environmental laws protecting eagles and migratory birds. This course will summarize recent developments and new guidance and regulations from the US Fish and Wildlife Service (USFWS) on how to prepare Eagle Conservation Plans (ECPs) and how to comply with MBTA. The course will provide important information on these laws including:

- An overview of the Eagle Act and MBTA
- Recent history, case law, permit requirements and guidance
- How to apply USFWS guidance to projects and how to prepare an ECP
- The process for obtaining individual and programmatic permits
- How best to coordinate with the USFWS to obtain an Eagle Take Permit
- Challenges and solutions associated with ECP development and permitting
- Compliance with the National Environmental Policy Act (NEPA)
- Benefits and costs of Eagle Act compliance
- Example ECPs and permits
- Integration of ECPs with Habitat Conservation Plans
- Other MBTA issues and permits

The course will be useful for project managers and staff seeking to comply with these laws.

BRAD NORTON and DAVID ZIPPIN. See page 42.

1 meeting ♦ Sept. 22: Thur., 9 a.m.-4:30 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ \$360. ♦ Enroll in section 162NAT263. ♦ Special discounts: AEP, APA, ASLA, BIA, Group Discount, Info Session Discount. See page 47.

Streambank Assessment and Restoration

6 AICP hours ♦ 6 MCLE hours ♦ 6 REHS hours ♦ .6 CEUs

Learn the concepts of natural channel form and function in streambanks, and how to determine which restoration methods are most suitable for different types of sites. Case studies and discussions will emphasize the importance of channel cross-section and landform geometry as they influence a stream's connectivity with its floodplain. Students will learn how to evaluate channel conditions and assess restoration potential. Techniques for bank stabilization using natural materials and native vegetation will be discussed, including the use of various types of low rock and log toe structures, redirective techniques (vanes and weirs) versus resistive techniques (riprap and gabions), and biotechnical/bioengineering methods.

CHRIS BOWLES, CHRIS HAMMERSMARK and JOHN MCCULLAH. See page 42.

1 meeting ♦ Oct. 7: Fri., 9 a.m.-4:30 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ \$360. ♦ Enroll in section 162NAT202. ♦ Special discounts: AEP, APA, ASLA, BIA, Group Discount, Info Session Discount. See page 47.

CEQA: A Step-by-Step Approach

6 AICP hours ♦ 6 MCLE hours ♦ .6 CEUs

Clarify and deepen your understanding of CEQA and the implications it has for your organization, plan or project. Discuss the latest changes to the state CEQA guidelines, new case law and legislation.

Topics include:

- CEQA's legislative history
- An overview of CEQA requirements
- Steps in the CEQA process and when projects are exempt
- The threshold decision: Is an EIR required?
- Negative declarations and mitigated NDs
- How to determine the scope and content of an EIR
- Public notice and review requirements
- Agency decision-making under CEQA
- Mitigation monitoring and reporting
- When to prepare supplemental EIRs
- Judicial review of CEQA decisions

ANTERO RIVASPLATA and MEGAN SMITH. See page 42.

1 meeting ♦ Oct. 13: Thur., 9 a.m.-4:30 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ \$360. ♦ Enroll in section 162NAT213. ♦ Special discounts: APA, ASLA, BIA, Group Discount, Info Session Discount. See page 47.

Mitigation and Conservation Banking

6 AICP hours ♦ 6 MCLE hours ♦ .6 CEUs

Learn about the exciting new field of wetland mitigation banking and species conservation banking with an intensive one-day workshop on the legal, technical and financial aspects of habitat banking, which includes a tour of the award winning Cosumnes Floodplain Mitigation Bank. Learn about the regulatory and legal history establishing mitigation banks and the current rules and practices that govern their operation. Explore the technical aspects such as site selection, watershed and species planning, project permitting, construction planning, credit evaluations and maintenance and monitoring issues. Gain an understanding of the business of banking including the financial assessments, market assessments and demand projections, and the how-tos of sales and marketing.

CRAIG DENISOFF. See page 42.

1 meeting ♦ Nov. 10: Thur., 9 a.m.-4:30 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ \$360. ♦ Enroll in section 162NAT361. ♦ Special discounts: APA, ASLA, BIA, Group Discount, Info Session Discount. See page 47.

Water Quality Regulation and Permitting

6 AICP hours ♦ 6 MCLE hours ♦ .6 CEUs

Review California water quality regulations, relevant provisions of California state law and regulations, and the federal Clean Water Act. During this interactive workshop, instructors will provide case studies, strategies and recommendations for effectively meeting agency requirements. Topics include:

- A regulatory overview of the federal Clean Water Act
- The California Porter-Cologne Water Quality Act
- Basin planning and waste discharge requirements
- National Pollutant Discharge Elimination System permits
- The jurisdictions of key agencies such as the California Environmental Protection Agency and state and regional water boards

This course will also cover recent updates and changes in California water quality regulations.

MICHAEL VONDERGEEST and ALEXA LAPLANTE. See page 42.

1 meeting ♦ Dec. 2: Fri., 9 a.m.-4:30 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ \$360. ♦ Enroll in section 162NAT240. ♦ Special discounts: AEP, APA, ASLA, BIA, Group Discount, Info Session Discount. See page 47.

Habitat Conservation Planning

6 AICP hours ♦ 6 MCLE hours ♦ .6 CEUs

Gain an overview of state and federal endangered species laws and recommendations for best approaches to conservation planning. Explore case studies of simple single species and complex multispecies HCPs. Topics include:

- Endangered Species Act Section 10 requirements for HCPs and conservation planning guidelines
- California Natural Community Conservation Planning Act process guidelines
- Regional conservation plans and low effect HCPs
- Integrated compliance with Section 404 of the Clean Water Act wetlands and stream regulations
- No surprises, safe harbors and candidate conservation agreements

BRAD NORTON and DAVID ZIPPIN.

See page 42.

1 meeting ♦ Dec. 9: Fri., 9 a.m.-4:30 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ \$360. ♦ Enroll in section 162NAT201. ♦ Special discounts: APA, ASLA, BIA, Group Discount, Info Session Discount. See page 47.

Mitigation Measure Development and Monitoring

6 AICP hours ♦ 6 MCLE hours ♦ .6 CEUs

Learn how to develop and monitor enforceable mitigation measures for different types of projects in California. Focus on the legal basics and latest court cases on mitigation measures. Receive practical advice, examples and checklists for developing and monitoring mitigation measures. Topics include: legal requirements for mitigation measures under CEQA, NEPA and other major environmental laws; recent case law interpretations for mitigation measures; mitigation approaches to difficult subject areas (e.g., transportation, growth-inducement, air quality, wetlands and biological resources); trends in local government implementation of CEQA's mitigation monitoring requirements; practical advice on how to prepare project-specific mitigation monitoring programs; and the pros and cons of different enforcement techniques.

MEGAN SMITH AND CARL JENSEN. See page 42.

1 meeting ♦ Dec. 16: Fri., 9 a.m.-4:30 p.m. ♦ Sacramento: Sutter Square Galleria, 2901 K St. ♦ \$360. ♦ Enroll in section 162NAT286. ♦ Special discounts: APA, ASLA, BIA, Group Discount, Info Session Discount. See page 47.

Geographic Information Systems

Geographic Information Systems (GIS) Professional Concentration

As the use of GIS technology by land use and environmental planners, policymakers and natural resource managers continues to grow, a practical understanding of GIS technology has become crucial.

The *GIS Professional Concentration* focuses on how to analyze and model the built and natural environments in order to inform policy and policy decisions. Individual courses explore GIS topics in depth, including database design, programming, cartographic design and data analysis.

Gain the tools you need to be effective in your current position or to advance your career. Take courses individually or as part of the professional concentration program, or use this program to satisfy the elective requirement for the *Land Use and Environmental Planning Certificate* (see pg. 31).

REQUIRED COURSES	UNITS	F	W	SP	SU
Introduction to Geographic Information Systems	2		■		
GIS Database Design	3	■			
Advanced GIS: Productivity, Geoprocessing and Analysis	2			■	
Data Acquisition and Evaluation/GPS	2	■			
ELECTIVES (CHOOSE THREE)					
GIS for Watershed Analysis: Intermediate and Advanced Levels					
Using GIS to Manage, Analyze and Promote Sustainability					
Python Programming for GIS					
Advanced GPS					
extension.ucdavis.edu/gis					

■ in-class course. All GIS courses are currently taught in the classroom.

GIS Database Design

3 quarter units academic credit, X443.1 ♦ 30 AICP hours

Review industry-standard and emerging data design technologies for today's natural resource and land use planning needs. Learn to identify poor data design characteristics, convert logical data definitions and relationships to physical data design, prepare and implement a plan for efficient data loading and manage quality assurance. Analyze real-world examples, including green site selection, government service delivery and sustainability projects. Discuss various types of data formats, as well as new challenges in integrating data of different sources, qualities, scales and complexities. Examine prevailing application development methodologies, from modeling data relationships to interpreting and documenting business requirements. Participants will propose, design and populate a database of their choice using spatial and other forms of data.

ROBERT EARLE. See page 42.

4 meetings ♦ September 1-9: Thur., Fri., 8:30 a.m.-5 p.m. ♦ Davis: Plant and Environmental Sciences, 387 North Quad ♦ \$695. ♦ Enroll in section 162NAT403. ♦ Special discounts: APA, ASLA, BIA, Group Discount, Info Session Discount. See page 47.

GIS for Resource Managers and Professionals

12 AICP hours ♦ 1.2 CEUs

Geographic Information Systems (GIS) allow you to analyze and manage spatial data in all forms and at multiple scales, providing important context and analysis for projects of all types. Gain an overview and working knowledge of GIS in this hands-on workshop. Learn about terms and concepts, available systems, data sources, and design and policy decisions that must be addressed prior to implementation. Practice basic analysis workflows and data management in common GIS software, including ArcGIS. Gain practical knowledge to incorporate field data, summarize both vector and raster overlays, and make informative maps that can be used in resource decision-making settings. This course is recommended for students who have limited or no GIS experience and those who intend to take *GIS for Watershed Analysis: Intermediate*.

NICK SANTOS. See page 42.

2 meetings ♦ Nov. 16-17: Wed., Thur., 9 a.m.-4:30 p.m. ♦ Davis: Wickson Hall, 350 North Quad ♦ \$500. ♦ Enroll in section 162NAT415. ♦ Special discounts: APA, ASLA, BIA, Group Discount, Info Session Discount. See page 47.

Land Use and Natural Resources



ONLINE COURSES

ARTS AND HUMANITIES

Spanish without Walls:

Elementary Spanish III

Enroll in section 162INE212

BUSINESS AND MANAGEMENT

Intermediate Accounting: Part II

Enroll in section 162CAN107

Financial Statement Analysis

Enroll in section 162CAN113

Business Analysis Fundamentals

Enroll in section 162BBA210

Requirements Elicitation

Enroll in section 162BBA 203

Requirements Analysis, Management and Communication

Enroll in section 162BBA205

Planned Giving

Enroll in section 162FUN203

Fundamentals of Fundraising and Development

Enroll in section 162FUN200

Paralegal Studies Certificate Program

Enroll in section 162PLG300

CONFLICT RESOLUTION

Introduction to Conflict Resolution

Enroll in section 162DSD001

ENVIRONMENT AND SUSTAINABILITY

Environmental Management and Sustainability

Enroll in section 162HSO571

HEALTH SCIENCES

Introduction to Health Informatics

Enroll in section 162MHI200

Health Information Systems Analysis and Design

Enroll in section 162MHI212

Consumer and Mobile Health Informatics

Enroll in section 162MHI216

Interoperability and Health Information Exchange

Enroll in section 162MHI251

Introduction to Healthcare Analytics

Enroll in section 162HCA200

Applied Healthcare Statistics

Enroll in section 162HCA202

Quantitative Methods and Decision Analysis

Enroll in section 162HCA203

Understanding Autism Spectrum Disorder

Enroll in section 162ADL100

Evidence-Based Practices for ASD

Enroll in section 162ADL102

Early Start Denver Model Introductory Workshop

Enroll in section 162EDS900

INFORMATION TECHNOLOGY

Creating Functional Websites

Enroll in section 162IIW501

Server-Side Scripting with PHP

Enroll in section 162IIW512

Creating Web Applications with AJAX

Enroll in section 162IIW513

LAND USE AND NATURAL RESOURCES

NEPA Streamlining and the FAST Act

Enroll in section 162NAD203

WINEMAKING

Introduction to Wine and Winemaking

Enroll in section 162VID251



OSHER LIFELONG LEARNING INSTITUTE

CONTACT INFORMATION

Lisa Smith-Youngs, OLLI Director extension@ucdavis.edu

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A sampling of fall courses:

- Indoor and Outdoor Portraiture
- 20th Century Fox: A Century of Entertainment
- Exploring California Wildlands Fire Behavior
- The Rise of the Digital Platform Economy
- The Strange Presence of the Electoral College

For additional information about upcoming courses and becoming a member, visit us online.

extension.ucdavis.edu/olli

To become an OLLI member and enroll in classes by phone, call (800) 752-0881.

An active mind never stops learning. Osher Lifelong Learning Institute (OLLI) offers an extraordinary variety of provocative courses, informative programs and cultural events to serve active minds—learning for the joy of learning—without homework or exams. Explore, investigate and challenge new ideas during OLLI courses, discussions, events and performances in areas such as:

- Art and Music
- History
- Politics and Current Events
- Film study
- Literature and Philosophy
- Science

Becoming a member is easy

Join our community of lifelong learners today. The only requirements are life experience and a strong desire to learn. Simply fill out an application and return it with your membership fee to begin participating in stimulating and informative, low-cost courses and events. You must be a current member to enroll. Courses are offered fall, winter and spring quarters. A few courses are also offered during the summer quarter.

Getting involved is fun

We rely on member volunteers to enhance our programs. Members teach courses, lead discussions, organize events, serve on the board of directors, act as class assistants and AV technicians, and help with the tasks that keep us going every quarter. Just let us know how you want to contribute.

Fall Instructor Kickoff

Sept. 10: Sat., 1-3 p.m.
Davis Senior Center
646 A St.
FREE TO PUBLIC

Kangas Lecture

Oct. 15: Sat., 1-3 p.m.
Davis Senior Center
646 A St.
FREE

OLLI Presents

Davis Community TV broadcasts *OLLI Presents* on Comcast Cable channel 15. The program features selected speakers from OLLI courses. Tune in to hear what's new. For a complete schedule, go online at dctv.davismedia.org/schedule

Recorded OLLI classes now available on DVDs at the Yolo County Library in Davis.



Incoming OLLI director, Lisa Smith-Youngs, with former director Lorraine Townsend



WINEMAKING

CONTACT INFORMATION

Jim Brown, Director, Brewing, Winemaking and Agriculture extension@ucdavis.edu

Viticulture and Enology

ONLINE!

Winemaking Certificate Program

Whether you are currently working in the wine industry or are a novice winemaker, this innovative online program will provide the tools and essential knowledge to succeed in this flourishing business. Learn the science of wine production and how to apply it in a winery setting.

REQUIRED COURSES	UNITS
Introduction to Wine and Winemaking	3
Wine Production	4
Quality Control and Analysis	4
Wine Stability and Sensory Analysis	4
Viticulture for Winemakers	3.5
extension.ucdavis.edu/winemakingcert	

ONLINE!

Introduction to Wine and Winemaking

3 quarter units academic credit, X402.26

Whether you're interested in a career in the wine industry or are just a devoted oenophile, you can take this unique course from anywhere in the world. Access top-quality, college-level course material in an interactive, web-based environment and gain exposure to an internationally recognized program and instructors, including industry experts and UC Davis faculty. Learn about topics such as fundamentals of the winemaking process, wine and health issues, interpreting a wine label, basic wine tasting and the history of wine. Lectures are provided by faculty in the UC Davis Department of Viticulture and Enology.

This course can be taken as a stand-alone course or as the first course in the *Winemaking Certificate Program*. For more information about the certificate program, please visit our website.

Refund Policy

Refunds for this course must be requested within two weeks of the start date. The refund-processing fee is \$65.

HILDEGARDE HEYMANN. See page 42.

1 meeting ♦ September 26-December 12, 2016
 ♦ Format: Enroll now through Sept. 22 and complete by Dec. 12. Passwords will be issued starting Sept. 26. ♦ \$685. ♦ Enroll in section 162VID251.

Current Issues in Vineyard Health

Guest instructors, chosen for their involvement in developing solutions to the problems associated with grape pests and diseases, provide the latest management information on current topics, including:

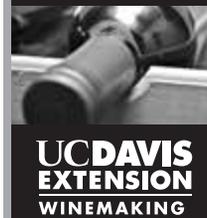
- Breeding grapevines for Pierce's Disease resistance
- Controlling grape fungal disease such as powdery mildew and Botrytis bunch rot diseases
- The grape growers role in managing exotic pests and diseases
- Mealybugs and grapevine leafroll viruses

Lectures are provided by a talented group of speakers comprised of UC faculty, departmental experts and UC farm advisers who cover: the biology of mealybugs in California and their control, the dangers of spreading mealybugs in pomace and prevention of the disease, and damage reduction in the vineyards.

DEBORAH GOLINO. See page 42.

1 meeting ♦ Nov. 29: Tues., 9 a.m.-4 p.m. ♦ Davis: UC Davis Conference Center, 550 Alumni Lane ♦ \$190. Includes course materials and lunch. ♦ Enroll in section 162VIT204.

facebook instant connection



Join Winemaking on Facebook for current issues, program updates and special offers.

facebook.com/ucdewine

Wine Appreciation

Introduction to Sensory Evaluation of Wine

Novice oenophiles, enhance your critical tasting ability and learn basic aspects of sensory evaluation often overlooked in most wine tastings. Study the different components of wine appearance, aroma and flavor. Participate in tastings of doctored wines in blind and known tastings. Explore the origins of desirable and undesirable flavors of wine and the stylistic contributions of winemaking techniques. Lectures by faculty members of the world-renowned UC Davis Department of Viticulture and Enology will be interspersed throughout the program. Emphasis is placed on correct use of wine descriptive terminology.

Note: You must be 21 years of age or older to enroll and attend.

JOHN BUECHENSTEIN. See page 42.

2 meetings ♦ Nov. 5-6: Sat.-Sun., 9 a.m.-4 p.m. ♦ Davis: 1632 DaVinci Court ♦ \$550. Includes two lunches and all wine. ♦ Enroll in section 162VIT200.

Winemaking Business

Taxation and Accounting for the Vineyard

6.5 CPE

Understanding relevant tax and accounting issues is a vital step for successful start-up and ongoing vineyard operations. This course is tailored to help both the vineyard owner and entrepreneur. Topics include:

- Formulating a business plan
- Choosing the form of doing business which directly affects permissible farm accounting methods
- Avoiding the problems of passive activity
- Qualifying as a farmer under the tax code
- Farm accounting, including depreciation and inventory cost capitalization rules
- Estate planning

Learn the principles of accounting for a vineyard operation from the initial start-up phase through the land clearing, planting, pre-production and production stages. Tax aspects and specific accounting techniques for the expenditures in each phase will be discussed in detail.

DAVID PARDES. See page 42.

Nov. 9: Wed., 9 a.m.-4 p.m. ♦ Davis: 1632 DaVinci Court ♦ \$190. Includes course materials and lunch. ♦ Enroll in section 162VIT205

Taxation and Accounting for the Winery

6.5 CPE

As winery owners and entrepreneurs, it is crucial to understand and remain apprised of relevant tax and accounting issues, which can often mean the difference between success and failure of a winery operation. Designed for wineries of 60,000 cases and fewer, this course explores the advantages and disadvantages of incorporation and Subchapter S status versus using limited liability companies, determination of cost of goods sold, inventory valuation and costing (including inventory cost capitalization rules), advantages and disadvantages of electing LIFO, accelerating deductions through farm accounting procedures, depreciation methods, fringe benefits and estate planning.

DAVID PARDES. See page 42.

1 meeting ♦ Nov. 10: Thur., 9 a.m.-4 p.m. ♦ Davis: 1632 DaVinci Court ♦ \$190. Includes course materials and lunch. ♦ Enroll in section 162VIT206.

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extension.ucdavis.edu/winemakingcert

Faculty

DON ADCOCK, M.S., CPA, is an executive tax director with Ernst & Young, LLP, where he has been since 1988. His expertise is in tax and accounting for companies and individuals, various entity forms and all state income tax systems. Adcock is a frequent instructor for Ernst & Young's internal training programs.

STEVE ALVERSON is director of ESA Airports. He has 25 years of experience in the analysis of aircraft noise exposure and development of land use strategies. He brings substantial experience in the preparation of airport land use compatibility plans, noise elements for airport master plans, managing FAA noise studies, noise monitoring system design and noise advisory committee meeting facilitation.

CHASE ARMER, M.S., CFP®, CFA®, EA, is a co-owner of Planned Solutions, Inc., a Sacramento-based financial planning and investment advisory firm. Armer holds several professional designations including Certified Financial Planner™ Practitioner, Chartered Financial Analyst® and Enrolled Agent. Armer is a past president of the Financial Planning Association of Northern California.

CHARLES BAMFORTH, Ph.D., D.Sc., distinguished professor and leader of malting and brewing studies at UC Davis, has more than 37 years of academic and professional brewing expertise, including senior roles with Brewing Research International and Bass Brewers. He is honorary professor at the University of Nottingham and has published extensively on beer and brewing.

JOYE BEACHUM is a business consultant with more than 15 years of Information Technology experience. As a lead and individual contributor, she has provided project management and business analysis support for statewide and national data integration and infrastructure projects. Her primary fields of expertise are national health care and the California judiciary.

CAROLE BENNETT, MBA, is an executive coach and managing consultant, specializing in management and employee development for Sutter Health University. At Sutter Health and in her business, she focuses on helping leaders to realize their personal and professional possibilities. Bennett is a member of the International Coaching Federation.

ROBERT BLAKE, Ph.D., is professor of Spanish and director of the Second Language Acquisition Institute at UC Davis. He has published widely in Spanish Linguistics. He is the lead author for the textbook, *Al Corriente* (3rd ed.), and chief academic adviser for Nuevos Destinos CD-ROM, a project of McGraw-Hill, Annenberg CPB projects and WGBH Boston.

CHRIS BOWLES, Ph.D., is a civil engineer specializing in hydraulics, hydrology, geomorphology, water resources, water quality and environmental restoration. He has more than 18 years of project management experience on a wide variety of large multidisciplinary, multistakeholder projects, such as floodplain restoration, sediment studies, watershed hydrology and river and wetland restoration.

DUNCAN BRAND focuses on development of leaders, managers and employees for companies such as Cisco Systems, Aerojet Rocketdyne, Hewlett-Packard, Safeway and the Federal Reserve Bank of San Francisco. He is an active member of the Human Capital Institute, Association for Talent Development, the International Society for Performance Improvement, and the International Technology Education Association.

RUSS BRANSON, MBA, consults on public sector management and budget issues with Public Financial Management and is the former assistant city manager/treasurer for the city of Roseville, Calif. Previously he was a principal at Economic & Planning Systems where he worked for 12 years on a variety of projects and issues related to urban land development and economics.

JOHN BUECHSENSTEIN has been a winemaker and wine educator for more than 30 years. He has extensive experience making wine in the Napa Valley and other wine-growing regions of the California coast. Buechsenstein's passion for wine has taken him to the wine regions of Bordeaux, Champagne, Loire Valley and Rhone Valley in France.

MARY MADISON CAMPBELL, J.D., is an analyst with the UC Davis Information Center for the Environment. She has mediated disputes for the U.S. Department of Agriculture through the California Certified Agricultural Mediation Program and facilitated a watershed group in Monterey, Calif.

BRIAN CASEY is the assistant vice chancellor for Planned Giving at UC Davis where he is responsible for overall leadership of the Planned Giving Program. He has over 20 years of experience in fundraising at UC Davis, Penn State University and the Iowa State University Foundation.

BRYAN CHEW, CFP®, J.D., is president of Bryan Chew & Associates/Linsco Private Ledger, where he provides comprehensive wealth management planning to his clients. Prior to owning his own business, he worked as a financial planner with The Acacia Group and was a legal research analyst and tax auditor with the Internal Revenue Service.

CORIN CHOPPIN has more than 10 years of experience in political campaigns to elect decision-makers to local and state offices and affect public policy and public engagement. Choppin represents more than 20 clients at all levels of government and has hired and trained staff and volunteers for numerous campaigns.

RACHEL CHOPPIN, M.A., principal, HR 4 You, has more than 20 years of experience facilitating professional growth and change management. Choppin has successfully hired, coached, trained and transitioned hundreds of professionals. She is currently a professional development chair for the Professionals in Human Resources Association.

TAMMI CLEARFIELD, M.S., J.D., has a private law practice in Coral Gables, Florida. She has more than 12 years of legal experience and more than 10 years of teaching experience, both in the classroom and online, at the undergraduate and graduate levels. Clearfield is also a court certified family law mediator.

LINDA CLIFFORD is the CFO at C. C. Myers, Inc., and sits on its board of directors. She holds general contractors' licenses in five states, as well as a broker and real properties license in California. Clifford is also a commissioner on the State of California Uniform Construction Cost Accounting Commission.

MICHAEL COLEMAN, M.P.A., is an expert on California local government revenues, spending and financing. He is the creator of California Local Government Finance Almanac, an online resource of data, analyses and articles on California municipal finance and budgeting. Coleman is the principal fiscal policy adviser to the California Society of Municipal Finance Officers and the League of California Cities.

JERRY COLIVAS has more than 20 years of emergency management experience and has, during that time, worked every major disaster in California. His experience includes managing both the response and the recovery aspects of a disaster. During disasters, Colivas worked in the State's Operations Center as operations chief, logistics chief, deputy director and director. He retired as the City of Sacramento's manager for the Joint Office of Emergency Services and Homeland Security.

MICHAEL COOPER, CIH, M.P.H., M.S., is a private consultant with extensive experience developing and directing corporate compliance programs and improved corporate culture regarding safety and environmental affairs. He has worked in this capacity for a wide variety of industries including: semiconductor, semiconductor equipment manufacturing, medical devices and aerospace.

ROBERT COTHREN, Ph.D., is a leader in developing processes and technologies that promote widespread, secure access to health information and integrate public health activities. At UC Davis Health System, he leads the implementation of California's HIE strategy and acts as the technical lead for the Western States Consortium, developing a scalable, national model for statewide and interstate exchange. He has more than 20 years of professional experience in health, medical, and biological research and development in academic, public and private industries.

CRAIG DENISOFF, owner of Craig Denisoff Consulting, was a founding partner and vice president of Westervelt Ecological Services and Wildlands, Inc., two of the nation's largest mitigation banking companies. He was assistant secretary for the California Natural Resources Agency and has worked for numerous federal and state environmental agencies.

STEPHEN DES JARDINS is president of Diamond Equities, Inc., and general partner of Diamond Creek Partners, LTD. He has been involved in development in the city of Roseville for the past 25 years. Des Jardins has overseen project development of a number of projects, including the 360-acre Diamond Creek master-planned community, the final communities in Diamond Oaks and Bridgeside custom.

MICHAEL DURKEE, J.D., a resident in the San Francisco office of McKenna, Long & Aldridge, represents developers, public agencies and interest groups in all aspects of land use law. His expertise includes planning, zoning, vested rights, exactions, Subdivision Map Act and CEQA.

ROBERT EARLE has managed, designed and implemented geographic information and database systems for more than 27 years. Earle has worked for the California Coastal Commission, Chevron USA, Stanford University, and several private and public planning, transportation and engineering organizations. He recently retired as the GIS Database Administrator for Sacramento County.

DAVID EARLY, M.C.P., M.Arch., is a principal at PlaceWorks, formerly The Planning Center/DC&E, a multidisciplinary consulting firm focusing on planning, landscape architecture, urban design, transportation planning and environmental review. Early has more than 25 years of experience in planning and design with an emphasis on community involvement, land use planning, environmental and visual impact analysis, and bicycle planning.

ROCHELLE FURTAH, PMP®, has provided project management consulting and training to private and public organizations for more than 25 years. She focuses on oversight, enterprise management, organizational change and developing virtual teams. Her principle areas of advisement also include methodologies and handbook development, planning and scheduling, risk and performance analyses, and stakeholder relations.

JOSEPH GEE works with organizations to enhance performance, and serves as the acquisitions chief for a major public sector agency. He has more than 30 years of experience in organizational performance, fiscal administration and information management and has been active in project management for 20 years.

DEBORAH GOLINO, Ph.D., is director of Foundation Plant Services and is a UC Cooperative Extension specialist in the Department of Plant Pathology, UC Davis. Her research focuses on the study of grapevine viruses, virus-like diseases and the reduction of the damage they cause.

LORI HACK, MBA, is the principal and CEO of Object Health, a management consulting group that assists healthcare organizations and communities with leveraging health information to improve operational efficiencies and clinical health outcomes. Hack has extensive experience in health information exchange and is currently leading the effort to develop such exchanges for the providers and health systems in California, Nebraska and North Carolina.

JEANIE HAGEN-GREENE is founder and principal of H-G Training Group. She helps individuals and organizations improve their people skills, addressing such concerns as multiple generations in the workplace, customer service, communication and supervision/management effectiveness. Since 1993, Hagen-Greene has served corporate clients, as well as government agencies, universities and nonprofit organizations.

CHRIS HAMMERSMARK, Ph.D., PE, is a registered civil engineer in California specializing in hydraulics, hydrology, geomorphology, forestry, ecology and ecosystem rehabilitation/restoration. He has more than 13 years of experience on a diverse array of projects including tidal marsh, stream, meadow and floodplain restoration; sediment and water quality studies; flood inundation and water supply investigations.

LINDA HARRIS, Ph.D., is a cooperative extension specialist and associate director of the Western Institute for Food Safety and Security, UC Davis. She provides expertise on food safety microbiology and oversees a research program in the area of microbial food safety, emphasizing the microbiology of fresh fruits and vegetables and tree nuts.

HILDEGARDE HEYMANN, Ph.D., is a professor in the Department of Viticulture and Enology, UC Davis.

MICHAEL HOGARTH, M.D., is a professor in the Department of Pathology and Laboratory Medicine and the Department of Internal Medicine, UC Davis. He is a public health, health informatics and pathology informatics faculty member, as well as a member of the UC Davis Graduate Group in Computer Science and a clinician educator. Hogarth is the principal investigator for the California Electronic Death Registration System, one of the most successful electronic vital record systems in the U.S., and the chief medical informatics officer for the Athena Breast Health Network.

EUGENE HSU, AIF, CFP®, CFS, is a financial adviser with 15 years of experience in the financial services industry. He is passionate about educating individuals in managing risk within their comfort levels.

THOMAS JACOBSON, FAICP, J.D., M.C.P., is professor of Environmental Studies & Planning at Sonoma State University, where he is also director of the Institute for Community Planning Assistance/Center for Sustainable Communities. He is Of-Counsel with the Sohagi Law Group, a law firm specializing in land use and environmental matters. He is co-author of Exactions and Impact Fees in California.

MICHAEL JANTSCHKE is the director of food safety for Pro*Act, America's leading distributor of fresh produce to the food service industry. In that role, he is responsible for managing all company food safety programs and initiatives. He has extensive experience with HACCP, food microbiology, food safety auditing, GAPs, GMPs, sanitation, allergen management and regulatory compliance. He is also the co-author of several chapters of the GMA-FPA HACCP Manual and the American Public Health Association's Compendium of Microbiological Methods for Foods.

CARL JENSEN is a California-licensed landscape architect with more than 14 years of experience designing and implementing a variety of habitat restoration projects throughout California, Washington and Oregon. He has worked on the entitlement, design and construction of more than 18 mitigation and endangered species conservation banks throughout the same geography.

VIVIAN KAHN, FAICP, is an associate principal with Dyett & Bhatia, City and Regional Planners in San Francisco. She has more than 40 years of planning experience, including preparation and administration of land use regulations and environmental documents for public agencies in California and other states.

DAWN KARNER, CPLP, PCC, BCC, CPCC, is a professional certified coach and consultant with more than 25 years of experience. She works with all levels in organizations to increase communication, deepen relationships and advance personal and professional development. She excels at making complex concepts seem easy in a safe learning environment.

THOMAS KATO has worked in various aspects of the environmental field for more than 30 years. He currently manages the environmental compliance and monitoring program at Lawrence Livermore National Laboratory, where he is also responsible for LLNL's certified Environmental Management System and Occupational Health and Safety Management System.

ALEXA LAPLANTE, M.S., is a senior environmental scientist with PG&E, where she serves as the program manager for their drinking water and municipal stormwater facilities in the Hazardous Waste and Water Quality Program. She also assists PG&E with developing company procedures for construction dewatering.

JOHN MCCULLAH has been a certified professional in erosion and sediment control since 1986 and a licensed California contractor (landscape) since 1988. He has been a practitioner in erosion and sediment control, watershed restoration, stream restoration, biotechnical erosion control (bioengineering), road and trail inventories, reconstruction and restoration for more than 23 years.

BRENT MARTIN has been developing websites using various technologies for more than a decade. His participation in different projects ranges from guiding the technology goals and online development for a global education online learning management system to designing and coding custom websites.

KRISTINA MILLER has more than 15 years of experience in technical and business domains. She currently leads a team of business analysts, specializing in Business Process Management and how it can benefit organizations. She is a Certified Business Analysis Professional and is passionate about the methodologies surrounding business analysis.

LAURA MUNRO is a senior project manager with more than 20 years of experience in Information Technology at a Fortune 100 company. Her expertise focuses on technical system and infrastructure implementations. She has been recognized for her global leadership abilities and currently concentrates on business functions and concepts underlying project management processes.

BRAD NORTON is principal with ICF International who focuses on endangered species permitting. He has more than 18 years of experience in environmental impact assessment, conservation planning, mitigation planning and project permitting.

BRIAN PACIOTTI is a data scientist at the Clinical and Translation Science Center at UC Davis. He has over 10 years of experience working as a senior researcher and data scientist for government health departments and UC Davis.

DAVID PARDES, M.S., MBA, is a tax partner at PricewaterhouseCoopers and is responsible for tax consulting and compliance services to numerous agricultural companies, including vineyards and wineries, olive oil producers and cattle ranches.

NINA PARKINSON is a food industry consultant. She is an expert in evaluating food safety issues, assessing the microbiological integrity of prepared foods and performing audits of food processing facilities. She has international experience in the development and evaluation of HACCP plans. She has taught courses on food microbiology, good manufacturing practices, sanitation, prerequisite programs, HACCP, Better Process Control School and the Howard mold count procedure. Parkinson has also co-authored several chapters in food safety textbooks.

MICHELLE PAYNE, MCC, PMC, is recognized as a leader in her field with more than 10,000 hours of experience coaching leaders. She has sat on the Global board for the International Coach Federation and been an assessor for the ICF since 2006. She has coached executives across the United States, in the United Kingdom, Germany, Australia, Canada and Switzerland. She is a leader in not only the business world, but also the coaching industry, and is passionate about supporting the profession by working with coaches through teaching, training and mentoring.

MARGARET PICKARD, J.D., is admitted to practice law in California, Montana and before the U.S. District Court, Ninth Circuit. Pickard sat as a special master over domestic violence cases in the Juneau, Alaska, Superior Courts, has served as a family court mediator and developed a successful civil practice in Missoula, Montana.

KRIS PLACHY, M.S., is a coach and mentor who specializes in leadership, management and communication skill development. Her work includes leading a national performance coaching team, the design of enterprise-wide coaching and leadership programs, and solutions for broad organizational change. She is also a published author on management coaching and communication.

STEFANIE PLAUMANN, J.D., specializes in Federal Criminal Defense and Complex Commercial Litigation. She is admitted to practice law in New York.

MICHELLE POESY joined Development and Alumni Relations at UC Davis as the senior director of annual and special gifts in September of 2104. Prior to joining UC Davis, she was the Director of Annual and Special Gifts at Washington State University for four years.

PAUL PORTER, Ed.D., has been a teacher, counselor, director, school principal, university professor and school superintendent. He is a well-known consultant and speaker and has worked with business and public agencies on the topics of leadership, developing strengths, team building, appreciative inquiry, management training, communication, dealing with difficult people, organizational development and motivation.

MARK POSSON has more than 30 years of experience in the environmental field, with a broad background in all aspects of hazardous materials management. Posson sits on several academic and government advisory boards and has taught for UC Davis Extension for more than 15 years.

MICHAEL RAMSEY is the teaching laboratory manager for the Department of Viticulture and Enology at UC Davis. He plans and coordinates lab classes and assists students. He has had a long career in all phases of alcoholic beverage production, has received numerous national and international commercial awards and can often be found judging at the local level or the state fair.

DANIEL RANDALL is a computer programmer, teacher and author from Sacramento. He has a wide range of programming expertise, including C++, JavaScript, data architecture and AJAX. Randall has authored materials for the International Oracle Users Group and currently works as senior architect for Composer Solutions.

ANTERO RIVASPLATA is a technical director who specializes in CEQA compliance and general plan preparation with ICF International. He has worked as either project manager or CEQA adviser on a variety of projects, including CEQA-NEPA documents for transportation projects, EIRs for general plan updates and NEPA documents for federal and local agencies.

JEFFREY ROSENHALL, M.A., is an active communities specialist with the California Department of Public Health. His current work focuses on creating programs that improve health by working collaboratively with state and local public health professionals and planners, advocates, decision-makers and community residents. He has more than 10 years of varied experience in public health.

RON ROWAN, PMP®, is an organization development specialist for the Sacramento Municipal Utility District. He has more than 23 years of experience in developing global organization change initiatives for a Fortune 50 high-technology company. Rowan has also worked as an internal organization development consultant and program manager in manufacturing and information technology settings.

NICK SANTOS is a programmer, GIS specialist, web developer and environmentalist. He works at the Center for Watershed Sciences at the University of California, Davis, where he develops GIS-based software and databases to help analyze and understand environmental impacts and indicators.

BRETT SCHOEL, J.D., is an associate at LaFollette Johnson De Haas Fesler & Ames. Schoel was a cryptologic linguist and technical report writer while in the U.S. Air Force and belongs to the Maryland, Virginia, District of Columbia, California and Nevada Bar Associations. He is a graduate of the Defense Language Institute, University of Maryland and George Washington University Law School.

PAULA DRIVER SHIMADA has been involved in all aspects of training/teaching for the last 30 years. Her wide-ranging curriculum has included New Employee Orientation, Performance Management and Religious Diversity. She has even taught English in Japan for four years. Past students have given her high praise for presenting both theory and knowledge, solidified by practical examples and exercises.

KIM SILVERS, MBA, SPHR-CA, has more than 20 years of human resource management experience in Fortune 500 and 1000 companies. Since founding Silvers HR, LLC in 2001, she and her team have worked with hundreds of California employers in policy development, compensation design and performance management.

MONIQUE SMALLING, MBA, CPA, has taught university-level accounting and auditing courses for more than seven years. She has also worked as an SEC reporting manager for a publicly traded software company and senior audit manager for a local CPA firm. Her area of expertise is preparing financial statements for audit committee reviews.

MEGAN SMITH is an environmental counsel and senior water resources project manager with ICF International. She has specialized in preparation of large-scale environmental compliance documents that include environmental impact assessments, extensive interagency coordination and complex regulatory permitting elements. She supports ICF's Environmental Education program, teaching coursework on a variety of environmental compliance topics.

MICHAEL SMITH, M.A., Ph.D., a principal with Enercon, is a nationally recognized leader in NEPA and CEQA compliance with more than 20 years of experience in project and program management, technical analysis, policy development and training and education for a wide range of public and private sector clients.

JOHN SPRAGUE has more than 37 years of experience in economic development focused on housing, redevelopment, neighborhood revitalization, city operations and economic development programs. He served as assistant city manager overseeing management of the city's community development departments: electric, public works, environmental utilities, planning, housing and redevelopment, economic development, and parks, recreation and libraries.

WILLIAM STANNARD has over 35 years of professional experience as a general manager in the construction industry, and he is currently a construction consultant with Constructive Consultants in West Sacramento. His teaching experience includes The Learning Exchange, Small Business Administration, the Twin Rivers Unified School District and the Northern California Official Association, in addition to UC Davis Extension.

SARAH SUTTON is a principal with Design Community & Environment. She joined the firm in 1998 and is a licensed landscape architect, bringing more than 25 years of experience in public and private sector design including streetscapes, trails, parks, housing, green roofs, plazas and creek enhancements.

JILL SWAN has more than 25 years of accounting experience in both the private and public sectors. Swan currently works at Staszak & Company, specializing in accounting and tax matters for a variety of industries including construction, manufacturing, professional services and healthcare.

JAMES VENNEMAN, MBA, CPA, CIA, is an audit manager with the State of California's Controller's Office. He has 18 years of experience at SCO performing compliance audits of counties, cities and school districts, as well as financial audits for several government entities. He is also a self-employed CPA and tax practitioner.

MICHAEL VONDERGEEST is a regulatory compliance specialist and project manager with ICF International. He specializes in permitting for projects that require compliance with CEQA, NEPA, Sections 401 and 404 of the Clean Water Act, Section 10 of the Rivers and Harbors Act, Sections 1600-1616 of the California Fish and Game Code, and federal and state endangered species regulations.

WENDY WERMES, BSBA, MAOM, is claims supervisor for Gallagher Bassett Claims Services, where her clients include Michaels and Sherwin Williams. She has more than 20 years of experience with workers' compensation issues, helping develop Travelers' Best Practice Guides for workers' compensation claims and establishing procedures for Raley's, while with York Risk Services Group, Inc.

JOSEPH WILLIAMS is a master's student in the Bamforth laboratory at UC Davis. He is an award-winning brewer and completed his bachelor's degree in food science at UC Davis. He has a unique skill set, drawing on his background in the fire service, automotive industry and metal fabrication, as well as being well-versed in the biological and physical sciences.

DIANNA WRIGHT, Ph.D., is a sports psychologist and founder of The Wright Coach, a company that helps individuals realize the extraordinary genius within. She works with corporations, businesses and educational institutions—such as Pfizer, Bechtel, Maloof Sports and Entertainment, Partners in Action and Children's World—as well as with amateur and professional athletes.

PETER YELLOWLEES, M.D., M.B.B.S. is director of the Health Informatics Graduate Program and professor of psychiatry at UC Davis. He has an international reputation in telemedicine and education delivery and is currently working on projects involving Internet email and video consultation services, as well as the development and validation of asynchronous telepsychiatry.

DAVID ZEHNDER, M.S., is a principal at Economic & Planning Systems, specializing in public/private development, transactional real estate, feasibility analysis and public finance. He centers his practice on the creation of viable land use and financial strategies that take full account of regional site context, market conditions, public policy objectives and private-sector financial requirements.

DAVID ZIPPIN, Ph.D., leads ICF's large practice in habitat conservation planning and implementation. He has more than 25 years of experience preparing and implementing project and regional habitat conservation plans, natural community conservation plans, and conservation strategies under the California and federal endangered species acts.

CONTACT US

Student Services

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extension.ucdavis.edu/student-services

SUTTER SQUARE GALLERIA PARKING GARAGE CHANGES

The parking fee is now \$1 per hour with validation (\$3 maximum per day). Parking tickets can be validated in the lobby of room 200.

For additional information, visit the website.
extension.ucdavis.edu/student-services/directions/galleria

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(Located between 29th and 30th
and J and K streets)

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Create an account online and gain access to your personal records, including enrollment history, grades, personal information, enrollment confirmations and payment receipts.

extension.ucdavis.edu/myaccount

ENROLLMENT INFORMATION

How to enroll

You can enroll in advance online, in person, by mail, phone, or fax. Payment is due at the time of enrollment. If you plan to enroll at the door, please check online or call first to check on schedule or date changes and space availability. If space permits, for quarter-long classes you may attend the first class meeting and enroll and pay by the second class meeting.

Participating in UC Davis Extension's courses and programs does not in itself provide preference in admission to the University of California.

Students interested in applying to the university should refer to the admissions website or the admissions office of the UC campus they wish to attend for details about the admissions process.

Schedule changes or cancellations

UC Davis Extension reserves the right to discontinue, postpone or combine classes and change instructors. Classes may be canceled at or before the first scheduled meeting if fewer than the required number of students pre-enroll. You will automatically be given a full refund for canceled classes unless you request transfer of the enrollment fee to another course.

If your plans change

If you are not able to attend a course you have enrolled in, you may be able to send a substitute, transfer to another course or withdraw.

Withdrawals, Refunds and Transfers

Withdrawal requests received by the class refund deadline will result in a refund less a \$30 processing fee*. The refund deadline is either seven days prior to the first class meeting (for courses with six or fewer meetings), or prior to the second class meeting (for quarter-long courses with seven or more meetings). Requests to transfer to another course in the same quarter or the next must be received seven days prior to the first class meeting of the class from which you will transfer.

*Some courses have special enrollment and refund policies with notification deadlines or fees for transfers or withdrawals. Check the course description for details. If you have any questions contact Student Services.

ONLINE LEARNING

Enrollment Withdrawals: Requests to withdraw from a course must be received before your login expires.

Refunds/transfers: Refund or transfer requests will be approved, less a \$30 processing fee* if a request is received within two weeks of your start date and if you have not gone beyond lesson one of the course.

**For additional information, visit
Online Learning on page 38.**

ACCESSING YOUR RECORD ONLINE

Initiate Your Account

At extension.ucdavis.edu use the My Account button to log in to your account. Do not create a new account if you have enrolled in UC Davis Extension courses. Use the Forgot Login or Forgot Password options to recover your login credentials.

New Students

Create your account at extension.ucdavis.edu during the enrollment process or click on My Account and create a new account.

View Your Record

Once logged in you can view your upcoming courses, see completed courses, print a receipt for past payments and order a transcript.

Questions

Call UC Davis Extension Student Services at (530) 757-8777 if you have any questions about your online account.

FINANCING YOUR EDUCATION

Financial assistance

The UC Davis Extension Student Services staff can work with you to identify available financial assistance options. Students in courses and programs offered through UC Davis Extension may be eligible for a tax credit for educational expense, job training funds, alternative student loans (which do not require enrollment in a degree program), or other financial assistance.

At this time UC Davis Extension students are not eligible for financial aid based on the FAFSA (Free Application for Federal Student Aid), sometimes referred to as Title IV funds, which have requirements that UC Davis Extension programs do not meet. Visit our website to find several options for reducing or managing the financial impact of furthering your education through UC Davis Extension.

Veterans educational benefits

UC Davis Extension has obtained approval under the veterans educational benefits program for most certificate programs and vocational programs. Call to find out if the program that interests you has been approved or to request that a program be submitted for approval.

Veterans, their dependents and others who qualify for veterans educational benefits are eligible. For further information on eligibility requirements and filing procedures, please call the Veterans Administration at (888) 442-4551.

Services for students with disabilities

UC Davis Extension is committed to assisting students with disabilities—including mobility, visual, hearing, communication and learning disabilities—to participate fully in our programs. Please call us if you would like to enroll for a course and you have disability-related needs or concerns. We strongly recommend that you contact us at least 30 days before the start of the course to ensure necessary accommodations can be made. To provide you with appropriate accommodations please complete the Accommodations Request Form available from Student Services.

SPECIAL DISCOUNTS

Groups

Some courses offer a 10 percent discount to groups of three or more people from the same organization enrolling at the same time. All registrations must be submitted at the same time and fees paid with one check, credit card transaction or purchase order. To see if the course you are interested in offer a group discount, view the course description and look for “Special Discounts.” Contact Student Services to request this discount.

Affiliates

Some courses offer a 10 percent discount to members of affiliate organizations or associations. To see if the course you are interested in offers any affiliation discounts, view the course description and look for “Special Discounts.”

UC Davis faculty and staff discounts

All UC Davis career staff and academics are eligible for the following fee discounts:

20 percent discount – Save up to \$200

All UC Davis career staff and academics are eligible for a 20 percent discount up to \$200 per course. This discount applies to most UC Davis Extension and Open Campus courses (see below for exceptions).

50 percent discount

All UC Davis career staff and academics may be eligible for a 50 percent discount when they enroll in select courses three or fewer working days prior to the course start date. This discount is only offered on a space available basis and it applies to many UC Davis Extension courses. Contact Student Services to request this discount.

CAAA members and UC Alumni Association Members

Cal Aggie Alumni Association members may enroll in one UC Davis Extension or Open Campus Program course per quarter at a \$50 discount. Proof of membership required at the time of enrollment. CAAA membership is open to anyone. Contact CAAA at (530) 752-0286 for more information. This discount applies to most UC Davis Extension and Open Campus courses (see below for exceptions).

Discount Exceptions List:

The following courses and programs are exempt from the CAAA (\$50) and UCD Staff Discount (20% up to \$200) discount:

- Osher Lifelong Learning Institute courses
- Center for International Education programs (discount OK for Spanish without Walls)
- Horsepacking programs
- Master’s Degree programs
- Courses priced at \$300 or less

Tax credits for educational expenses

Under the American Recovery and Reinvestment Act, more parents and students will qualify for the American Opportunity Credit for college expenses. You can find more information in IRS Publication 970 or visit www.irs.gov. You should consult the IRS or a tax consultant to verify the tax benefit appropriate to your situation.

Reporting educational expenses (Form 1098-T)

Each January UC Davis Extension reports to the IRS educational expenses (tuition fees) paid in the prior year by students participating in academic courses or vocational programs. A student’s Social Security Number is the key to this reporting. To ensure that accurate and complete information is provided to the IRS, UC Davis Extension requests that students provide their SSN at the time of enrollment. Look for an email in late Jan. announcing that the 1098-T forms are available. 1098-T forms will only be available online at: <https://www.1098t.com>

CAMPUS CONNECTIONS

ARC discount

Current UC Davis Extension students can join the UC Davis Activities and Recreation Center (ARC), a full service fitness center, at the affiliate rate.

Cal Aggie Alumni Association

UC Davis Extension students are eligible to join CAAA and take advantage of membership benefits including discounts on UC Davis Extension courses. For a list of courses and programs exempt from the CAAA discount, visit extension.ucdavis.edu/discounts. To learn more call (530) 752-0286 or visit alumni.ucdavis.edu.

Ordering textbooks

Some classes have required textbooks that should be purchased prior to the first class meeting. Details about textbooks can be found on our website. Prior to ordering your textbook, check the website for the latest textbook information as this information can change. You may purchase your book from any vendor you choose. Prices can vary widely so you might want to try using a comparison site like bestbookbuys.com.

Recommended textbooks are listed as additional resources, and you are not required to purchase them to complete the course.

UC DAVIS ACADEMIC SUPPORT

COLLEGE OF AGRICULTURAL AND ENVIRONMENTAL SCIENCES

Department of Agricultural and Resource Economics
 Department of Animal Science
 Department of Environmental Design and Landscape Architecture
 Department of Environmental Science and Policy
 Department of Environmental Studies
 Department of Environmental Toxicology
 Department of Food Science and Technology
 Department of Human Ecology
 Department of Viticulture and Enology
 Wildlife, Fish and Conservation Biology
 Geography Graduate Group

COLLEGE OF BIOLOGICAL SCIENCE

Department of Evolution and Ecology

COLLEGE OF ENGINEERING

Department of Biological and Agricultural Engineering
 Department of Biomedical Engineering
 Department of Chemical Engineering and Materials Science
 Department of Civil and Environmental Engineering
 Department of Computer Science
 Department of Mechanical and Aeronautical Engineering
 Biological Systems Engineering Graduate Program

SCHOOL OF EDUCATION

COLLEGE OF LETTERS AND SCIENCE

Department of Economics
 Department of English
 Department of Design
 Department of History
 Department of Political Science
 Department of Spanish and Portuguese
 Department of Statistics

GRADUATE SCHOOL OF MANAGEMENT

SCHOOL OF LAW

SCHOOL OF MEDICINE

Department of Internal Medicine
 Health Informatics Graduate Group

MIND INSTITUTE (UCDMC)

SCHOOL OF VETERINARY MEDICINE

Department of Pathology, Microbiology, Immunology

UC DAVIS EXTENSION CONTACT INFORMATION

LOCATIONS

ADMINISTRATIVE OFFICES AND DAVIS CLASSROOMS

1333 Research Park Dr.,
 Davis, CA 95618

1632 Da Vinci Court,
 Davis, CA 95618

SACRAMENTO CLASSROOMS

Sutter Square Galleria, 2901 K St., Sacramento

INTERNATIONAL CLASSROOMS

Extension Center Dr., UC Davis

OFFICE HOURS

Davis: Monday-Friday,
 8:30 a.m.-4:30 p.m.

Galleria: Monday-Friday,
 8:30-11 a.m., noon-8 p.m.
 & Saturday, 8:30-11 a.m., noon-4 p.m.

Closed Sundays

TELEPHONE

For general information:
 (800) 752-0881
 From Davis or Woodland:
 (530) 757-8777

EMAIL

extension@ucdavis.edu

FAX

(530) 757-8558

WEB

extension.ucdavis.edu

Notification of Rights Under The Family Educational Rights and Privacy Act (FERPA) for Postsecondary Institutions

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are:

- 1) The right to inspect and review the student's education records, within 45 days of the day the University receives a request for access. Students should submit to the registrar, dean, or other appropriate official, written requests that identify the record(s) they wish to inspect. The University official will make arrangements for access, and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
- 2) The right to request the amendment of the student's education records that the student believes are inaccurate or misleading. Students should write the University official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading.

If the University decides not to amend the record, as requested by the student, the University will notify the student of the decision, and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student, when notified of the right to a hearing.

- 3) The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.

One exception that permits disclosure without consent is disclosure to school officials with legitimate educational interests.

A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. Another exception permitting disclosure without consent is public information, defined as information contained in student record that would not generally be considered harmful or an invasion of privacy if disclosed, unless the student has notified the Registrar that such information is to be treated as confidential with respect to him/herself. UC Davis Extension has designated as public the following categories of information regarding students: the student's name; dates of attendance; number of course units in which enrolled; and major field of study.

- 4) The right to file a complaint with the U.S. Department of Education concerning alleged failures by UC Davis Extension to comply with the requirements of FERPA. The name and address of the office that administers FERPA are:
 Family Policy Compliance Office
 U.S. Department of Education
 400 Maryland Avenue, SW
 Washington, DC 20202 - 4605