

University of California Santa Cruz
COURSE MATERIALS FEES
2009-2010

Division/Department/Class	Changes in Bold	Course Fees
<u>ARTS DIVISION</u>		
Art Department		
ART 10G - 2D Foundation		\$5
ART 10H - 3D Foundation		\$50
ART 10J - Technology Foundation		\$15
ART 20 - Intro to Drawing for Majors		\$25
ART 22 - Intro to Electronics for Intermedia		\$45
ART 23 - Intermedia I		\$32
ART 24A - Intro to Painting (Oil)		\$50
ART 24B - Intro to Painting (Acrylic)		\$50
ART 25 - Relief Printmaking		\$65
ART 26 - Intro to Printmaking		\$70
ART 27 - Monoprinting/Mixed Media Printing		\$65
ART 28 - Intro to Figurative Sculpture		\$75
ART 29 - Beg. Inter media - 3D Approaches		\$42
ART 30 - Intro to Photography Majors		\$67
ART 37 Material Metaphor I		\$42
ART 39 - Public Art I: Community, Site & Place		\$65
ART 40 - Sculpture I		\$65
ART 60 - Forms and Ideas		\$15
ART 80A - Introduction to Drawing - Non-Majors		\$10
ART 80D - Intro to Photography - Beginners/Non-Majors		\$25
ART 101 - Inter/Adv. Drawing		\$35
ART 102 - Figure Drawing		\$40
ART 103 - Inter/Adv. Painting		\$48
ART 104 - Special Topics in Painting		\$48
ART 106 - A/B Sr. Studio Drawing/Painting		\$48
ART 107 - Mixed Media Work on Paper		\$25
ART 109 - Intermedia II		\$32
ART 110 - Special Topics: Interactive Art		\$32
ART 111 - Book Arts II		\$60
ART 112 - Relief & Intaglio Printmaking I		\$70
ART 113 - Relief & Intaglio Printmaking II		\$70
ART 114 - Lithography I		\$60
ART 115 - Lithography II		\$70
ART 116A - Sr. Studio Printmaking		\$70
ART 117 - Special Topics in Printmaking		\$70
ART 118 - Computer Art Theories, Methods, Practices		\$45
ART 120 - Adv. Projects in Computer Art I		\$45

University of California Santa Cruz
COURSE MATERIALS FEES
2009-2010

Division/Department/Class	Changes in Bold	Course Fees
ART 123 - Digital Printmaking in Contemporary Art Practice		\$67
ART 126 - Art of Bookmaking		\$55
ART 127A - Visiting Artists Special Topics A		\$55-\$75
ART 130 - Intermediate Photography		\$75
ART 131 - Advanced Photography		\$75
ART 132 - Color in Photography		\$77
ART 133A - Senior Studio in Photography		\$75
ART 134 - Special Topics in Photography		\$75
ART 135 - Intro to Digital Photography		\$75
ART 136 - Advanced Digital Photography		\$75
ART 138 - Intermediate/Advanced Sculpture		\$65
ART 139 - Intermediate/Advanced Sculpture Foundry		\$150
ART 140 - Metal Sculpture		\$95
ART 141 - Sculpture II		\$75
ART 143 - Advanced Intermedia: 3D Approaches		\$42
ART 144 - Site Works		\$42
ART 145 - Material Metaphor II		\$47
ART 146 - Special Topics: in Intermedia/Sculpture		\$65
ART 148 - Special Topics in Sculpture and Public Art		\$65
ART 156 - Topics in Public Art: Memory, Landscape and Artist		\$50
ART 159A - Sr. Studio Intermedia, Sculpture/Electronic Art		\$65
ART 161 - Picturing Identity: Document and Culture		\$65
ART 199 - Tutorial Independent Study		\$50
 Music Department - Individualized Instruction		
MUSIC 1A - Women's Chorale		\$10
MUSIC 1C - University Concert Choir		\$10
MUSIC 2 - University Orchestra		\$10
MUSIC 3 - Large Jazz Ensemble		\$10
MUSIC 9 - Wind Ensemble		\$10
MUSIC 60 - Group Lessons		\$100
MUSIC 61 - Indiv. Lessons		\$260
MUSIC 62 - Indiv. Lessons		\$415
MUSIC 63 - Group Lessons		\$100
MUSIC 102 - University Orchestra		\$10
MUSIC 103 - Concert Choir		\$10
MUSIC 159A - Opera Workshop		\$10
MUSIC 159B - Opera Workshop		\$10
MUSIC 160 - University Opera Theater		\$10

University of California Santa Cruz
COURSE MATERIALS FEES
2009-2010

Division/Department/Class	Changes in Bold	Course Fees
MUSIC 161 - Indiv. Lessons		\$415
MUSIC 162 - Advanced Indiv. Lessons		\$415
MUSIC 166 - Chamber Singers		\$10
MUSIC 196B - Senior Recital Preparation Individual Lessons		\$415
MUSIC 261 - Graduate Applied Instruction		\$415
Film and Digital Media		
FILM 20A The Film Experience		\$2
FILM 20B Intro to TV Culture and Society		\$2
FILM 20C Introduction to Digital Media		\$2
FILM 20P Intro to Production Technique & Theory		\$15
FILM 80A Technothrillers		\$1
FILM 120 Intro to Film Theory and Criticism		\$2
FILM 130 Silent Cinema		\$4
FILM 132A International Cinema to 1960		\$4
FILM 132B International Cinema, 1960 to Present		\$4
FILM 132C Gender and Global Cinema		\$5
FILM 134A American Film 1930-1960		\$4
FILM 134B American Film 1960 to Present		\$4
FILM 136A Experimental Film and Video		\$12
FILM 136B History of Television		\$5
FILM 136C Visual Culture and Technology		\$8
FILM 142 Beyond Cybernetics - Advanced Topics in New Media Technologies		\$15
FILM 160 Film Genres		\$8
FILM 161 Documentary Film and Video		\$10
FILM 162 Film Authors		\$8
FILM 165A Film Video and Gender		\$15
FILM 165B Race on Screen		\$15
FILM 165C Lesbian, Gay, Queer Film and Video		\$15
FILM 165D Asian Americans and Media		\$15
FILM 168 National Cinema and Culture		\$15
FILM 170A Introduction to Digital Media Production		\$35
FILM 170B Fundamentals of Film/Video Production		\$190
FILM 171A Special Topics Sound		\$161
FILM 172 Film/Video Studio		\$292
FILM 173 Narrative Workshop		\$210
FILM 175 Documentary Video Workshop		\$210
FILM 176 Experimental Video Workshop		\$210
FILM 177 Digital Media Workshop		\$20

University of California Santa Cruz
COURSE MATERIALS FEES
2009-2010

Division/Department/Class	Changes in Bold	Course Fees
FILM 178A Personal Computers in Film & Video		\$147
FILM 185 Special Topics in Film and Video		\$12
FILM 187 Special Topics in Television Studies		\$8
FILM 189 Special Topics in Digital/Electronic Media Studies		\$5
FILM 194A Film Theory Seminar		\$15
FILM 194B Electronic Theory Media Seminar		\$15
FILM 194C New Media Theory Seminar		\$15
FILM 194D Film History Seminar		\$12
FILM 194E International Cinemas		\$15
FILM 194F Film and Other Arts: Music/Dance		\$15
FILM 194G New (s) Media		\$15
FILM 194S Special Topics Seminar		\$12
FILM 196A Sr. Project in Film/Video Production		\$292
FILM 197 Sr. Digital Media Workshop		\$20
FILM 283 New Media Arts and Digital Culture		\$20
Digital Arts and New Media		
DANM 219 - Introduction to Electronics for Art-Making		\$50
Theater Arts		
THEA 12 Production Management		\$10
THEA 14 Drawing		\$20
THEA 17 Costume Construction		\$25
THEA 18 Drafting for Theatrical Production		\$25
THEA 18C Computer Aided Drawing for Theatrical Production		\$20
THEA 19 Design Studio: Lighting Studio A		\$20
THEA 30 Introduction to Modern Dance Theory & Technique		\$21
THEA 31C Dance Studio I		\$21
THEA 32 Introduction to Ballet		\$21
THEA 33 Adv. Intro to Modern Dance		\$21
THEA 36 Intro to Dance Composition		\$21
THEA 37 African Dance		\$45
THEA 080Y The Broadway Musical		\$21
THEA 107 Design Studio: Masks and Makeup		\$25
THEA 110 Advanced Stage Technology		\$20
THEA 114 Design Studio: Sound		\$20
THEA 115A Design Studio: Scenic Design		\$15
THEA 116A History of Clothing/Costume		\$25
THEA 117 Design Studio: Costume		\$25

University of California Santa Cruz
COURSE MATERIALS FEES
2009-2010

Division/Department/Class	Changes in Bold	Course Fees
THEA 118 Design Studio: Scene Painting		\$25
THEA 119 Design Studio: Lighting Studio B		\$25
THEA 129 Advanced Ballet		\$21
THEA 130 Intermed. Mod Dance Theory & Technique		\$21
THEA 131 Adv. Modern Dance Theory & Technique		\$21
THEA 131C Dance Studio II		\$21
THEA 132 Modern Dance Studio		\$21
THEA 135 Dance Improvisation & Theory		\$21
THEA 136 Intermediate Ballet		\$21
THEA 136C Dance Studio III		\$21
THEA 137 Studies in Performance (Dance)		\$21
THEA 138 Movement Research in New Arts Praxis		\$21
THEA 139 Random with Purpose		\$21
THEA 158 Chautauqua		\$5
THEA 161J And How Did You Enjoy the Play, Mrs. Lincoln		\$100
THEA 161V The Broadway Musical		\$21

DIVISION OF PHYSICAL AND BIOLOGICAL SCIENCES

Biology: Ecology and Evolutionary Biology

BIOE 075 - Scientific Diving Certification	\$335
BIOE 112L - Ornithology Field Studies	\$25
BIOE 114L - Field Methods in Herpetological Research	\$50
BIOE 117L - Systematic Botany of Flowering Plants Lab	\$25
BIOE 120L - Marine Botany Lab	\$30
BIOE 122L - Invertebrate Zoology Lab	\$20
BIOE 127L - Ichthyology Lab	\$15
BIOE 129L - Biology of Marine Mammals Lab	\$25
BIOE 131L - Animal Physiology Lab	\$20
BIOE 141L - Behavioral Ecology Field Course	\$50
BIOE 145L - Field Methods in Plant Ecology	\$35
BIOE 150L - Ecological Field Methods Lab	\$60
BIOE 151B - Ecology and Conservation in Practice Supercourse	\$1,090
BIOE 158L - Marine Ecology Lab	\$40
BIOE 159 - Marine Ecology Field Quarter - Tahiti	\$3,392
BIOE 161L - Kelp Forest Ecology Lab	\$80

Biology: Molecular, Cell, and Developmental Biology

BIOL 20L - Experimental Biology Lab	\$20
BIOL 100L - Biochemistry Lab	\$25

University of California Santa Cruz
COURSE MATERIALS FEES
2009-2010

Division/Department/Class	Changes in Bold	Course Fees
BIOL 105L - Eukaryotic Genetics Lab		\$30
BIOL 105M - Microbial Genetics Lab		\$25
BIOL 109L - Yeast Molecular Genetics Lab		\$50
BIOL 110L - Cell Biology Lab		\$60
BIOL 111L - Immunology Lab		\$75
BIOL 115L - Eukaryotic Molecular Biology Lab		\$50
BIOL 119L - Microbiology Lab		\$30
BIOL 120L - Development Lab		\$40
BIOL 128L - Neural Genetics Lab		\$40
BIOL 130L - Human Physiology Lab		\$15
BIOL 135L - Human Functional Anatomy Lab		\$60
BIOL 176L - Molecular Ecology and Evolution Lab		\$10
BIOL 187L - Molecular Biotechnology Lab		\$50
Chemistry		
CHEM 1M - General Chemistry - Lab		\$13
CHEM 1N - General Chemistry - Lab		\$15
CHEM 80H - Intro to Wines and Wine Chemistry		\$25
CHEM 108L - Organic Chemistry Lab		\$30
CHEM 108M - Organic Chemistry Lab		\$40
BIOC 110 - Biochemistry Lab		\$75
CHEM 112L - Organic Chemistry Lab		\$40
CHEM 112M - Organic Chemistry Lab		\$40
CHEM 112N - Organic Chemistry Lab		\$85
CHEM 122 - Principles of Instrumental Analysis		\$40
CHEM 146A - Adv. Lab. in Organic Chemistry		\$75
CHEM 146B - Adv. Lab. in Inorganic Chemistry		\$75
CHEM 146C - Adv. Lab in Physical Chemistry		\$40
CHEM 151L - Inorganic Chemistry Lab		\$50
CHEM 164B - Physical Chemistry Laboratory II		\$25
Earth Sciences		
EART 5L - California Geology - Lab		\$20
EART 10L - Geologic Principles - Lab		\$30
EART 20L - Environmental Geology - Lab		\$20
EART 80B - Earthquakes: You, the Earth, & Society		\$25
EART 100 - Vertebrate Paleontology		\$10
EART 101 - The Fossil Record		\$40
EART 104 - Geologic Hazards		\$10

University of California Santa Cruz
COURSE MATERIALS FEES
2009-2010

Division/Department/Class	Changes in Bold	Course Fees
EART 105 - Coastal Geology		\$15
EART 109 - Elements of Field Geology		\$100
EART 110C - The Dynamic Earth		\$10
EART 116 - Hydrology		\$10
EART 117 - Paleomagnetism		\$40
EART 120 - Sedimentology and Stratigraphy		\$40
EART 125 - Geographic Information Systems		\$20
EART 130 - Magmas & Volcanoes		\$40
EART 140L - Geomorphology Lab		\$75
EART 146 - Groundwater		\$10
EART 148 - Glaciology		\$60
EART 150 - Structural Geology		\$40
EART 152 - Tectonics		\$15
EART 188 A & B - Summer Field Internship		
UCSC Students Both Sessions		\$2,200
UCSC Students - One Session		\$1,100
Non- UCSC Students Both Sessions		\$2,400
Non-UCSC Students - One Session		\$1,200
EART 205 - Introductory Graduate Seminar		\$40
EART 263L - Planetary Field Course		\$20
Physics		
PHYSICS 160 - Practical Electronics		\$40
<u>SOCIAL SCIENCES DIVISION</u>		
Anthropology		
ANTH 107L - Human Functional Anatomy		\$60
ANTH 207L - Human Functional Anatomy		\$60
ANTH 110 - Comparative Anatomy Lab		\$45
ANTH 180 - Ceramic Analysis Lab		\$25
ANTH 190B - Field Methods in Primatology - Costa Rica		\$1,700
ANTH 290B - Field Methods in Primatology - Costa Rica		\$1,700
Environmental Science		
ENVS 107A - Natural History Field Quarter		\$530
ENVS 109B - Ecology and Conservation in Practice Supercourse		\$1,090
Education		
EDUC 221 - Science Teaching and Learning in Elementary Classrooms		\$10

University of California Santa Cruz
COURSE MATERIALS FEES
2009-2010

Division/Department/Class	Changes in Bold	Course Fees
EDUC 231 - Teaching Science in Secondary Classrooms		\$10
<u>OFFICE OF PHYSICAL EDUCATION RECREATION</u>		
Physical Education		
PHYE 5A - Aquatics: Swimming Level 1		\$10
PHYE 5B - Aquatics: Swimming Level 2		\$10
PHYE 5C - Aquatics: Swimming Level 3		\$10
PHYE 5D - Aquatics: Swimming Level 4		\$10
PHYE 5E - Aquatics: Lifeguard Training		\$90
PHYE 5F - Aquatics: Water Safety Instructor		\$55
PHYE 5G - Aquatics: Swimming/Conditioning		\$10
PHYE 5H - Aquatics: Competitive Swimming		\$10
PHYE 5R - Aquatics: Basic Scuba Diving		\$85
- Basic Scuba Certification		\$65
PHYE 5T - Aquatics: Advanced Scuba Diving		\$105
- Advanced Scuba Certification		\$20
PHYE 5U - Aquatics - Rescue Scuba		\$100
- Rescue Scuba Certification		\$65
PHYE 5U-N Aquatics: Dive Master		\$165
- Dive Master Certification		\$100
PHYE 9B - Boating: Basic Sailing		\$55
PHYE 9C - Boating: Intermediate Sail-Dinghy		\$55
PHYE 9D - Boating: Advanced Sail-Dinghy		\$55
PHYE 9E - Boating: Competitive Sailing		\$60
PHYE 9H - Boating: Intermediate Rowing		\$50
PHYE 9J - Boating: Basic and Intermediate Rowing		\$50
PHYE 9K - Boating: Ocean Kayaking		\$50
PHYE 9S - Boating: Intermediate Sail-Keelboat		\$60
PHYE 9T - Boating: Advanced Sail-Keelboat		\$60
PHYE 15B - Court Sports: Basketball		\$10
PHYE 15H - Court Sports: Racquetball		\$10
PHYE 15N - Court Sports: Tennis		\$10
PHYE 15T - Court Sport: Volleyball		\$10
PHYE 20A - Dance: Ballet		\$22
PHYE 20B - Dance: Folk Dance International		\$15
PHYE 20C - Dance: Jazz		\$15
PHYE 20D - Dance: Modern		\$22
PHYE 25A - Fencing: Epee		\$15
PHYE 25B - Fencing: Foil		\$15

University of California Santa Cruz
COURSE MATERIALS FEES
2009-2010

Division/Department/Class	Changes in Bold	Course Fees
PHYE 25C - Fencing: Sabre		\$15
PHYE 28K - Field Sports: Soccer		\$10
PHYE 30G - Fitness Activities: Physical Conditioning		\$10
PHYE 30H - Fitness Activities: Tai Chi Ch'uan		\$10
PHYE 30J - Fitness Activities: Weight Training		\$10
PHYE 30L - Fitness Activities: Yoga Exercises		\$10
PHYE 43A - Martial Arts: Aikido		\$10
PHYE 43G - Martial Arts: Tae Kwon Do (Karate)		\$10
 <u>SCHOOL OF ENGINEERING</u>		
Engineering		
ENGR 50L - Engineering Mechanics Lab		\$23
 Computer Engineering		
CMPE 100L - Logic Design Lab		\$31
CMPE 117L - Embedded Software Lab		\$30
CMPE 118L - Intro to Mechatronics Lab		\$146
CMPE 121L - Microprocessor System Design Lab		\$205
CMPE 123A - Engineering Design Project I		\$40
CMPE 123B - Engineering Design Project II		\$40
CMPE 125L - Logic Design with Verilog Lab		\$25
CMPE 126L - Advanced Logic Design Lab		\$25
CMPE 150 - Introduction to Computer Networks		\$30
CMPE 151 - Computer Network Administration		\$30
CMPE 156L - Network Programming Lab		\$30
CMPE 163L - Multimedia Processing/Applications Lab		\$25
CMPE 167L - Sensing & Sensor Technologies Lab		\$10
CMPE 173L - High Speed Digital Design Lab		\$25

University of California Santa Cruz
COURSE MATERIALS FEES
2009-2010

Division/Department/Class	Changes in Bold	Course Fees
CMPE 174 - Introduction to EDA Tools		\$25
CMPE 218L - Mechatronics Lab		\$146
CMPE 225 - Intro to ASIC Systems Design		\$15
Computer Science		
CS 170 - Game Design Studio 1		\$25
CS 171 - Game Design Studio 2		\$65
CS 172 - Game Design Studio 3		\$25
Electrical Engineering		
EE 70L - Intro to Electronic Circuits Lab		\$43
EE 115 - Introduction to MEMS Design		\$15
EE 123A - Electrical Engineering Senior Project I		\$40
EE 123B - Electrical Engineering Senior Project II		\$40
EE130L - Intro. to Optoelectronics Lab		\$20
EE 135L - Electromagnetic Fields & Waves Lab		\$40
EE 145L - Properties of Materials Lab		\$30
EE 157L - RF Hardware Design Lab		\$25
EE 171L - Analog Electronics Lab		\$38
EE 215 - MEMS Design		\$15
Biomolecular Engineering		
BME - 123A BME Senior Design Project 1		\$40
BME - 123B BME Senior Design Project 2		\$40
<u>COWELL COLLEGE</u>		
COWELL 70A - Bookbinding		\$60
COWELL 70B - Printing I: Elements of Printing		\$60
COWELL 70C - Printing II: Typography and Book Design		\$60