

*University of California Santa Cruz*  
**COURSE MATERIALS FEES**  
 2005-06

Division/Department/Unit	Course Fees	Division/Department/Unit	Course Fees
<b>ARTS DIVISION</b>			
<b>Art Department</b>		<b>Music - Individualized Instruction</b>	
Art 10G 2D Foundation	\$5	Music 1C - University Concert Choir	<b>\$10</b>
Art 10J Technology Foundation	\$15	Music 2 - University Orchestra	<b>\$10</b>
Art 10H 3D Foundation	\$45	Music 3 - Large Jazz Ensemble	<b>\$10</b>
Art 20 Intro to Drawing	\$25	Music 9 - Wind Ensemble	<b>\$10</b>
Art 21 Intro to Computer Art	\$40	Music 159 A/B - Opera Workshop	<b>\$10</b>
Art 22 Intro to Electronics for Inter media	\$30	Music 160 - University Opera Theater	<b>\$10</b>
Art 23 Beg. Inter media 2D Approaches	<b>\$32</b>	Music 166 - Chamber Singers	<b>\$10</b>
Art 24 Intro to Painting (Oil)	\$48	Music 60 - Group Lessons - 2 Hours Major/Minor	\$65
Art 26 Intro to Printmaking	<b>\$70</b>	Music 60 - Group Lessons - 2 Hours Non-Major/Minor	\$75
Art 27 Intro to Ceramic Sculpture	\$35	Music 61 - Individ. Lessons Major/Minor 1/2 Hr.	\$100
Art 28 Intro to Figure Sculpture	\$75	Music 61 - Individ. Lessons Non Major/Minor 1/2 Hr.	\$130
Art 29 Beg. Inter media - 3D Approaches	\$42	Music 62 - Individ. Lessons Major/Minor 1 Hr.	\$150
Art 30 Intro to Photography Majors	<b>\$67</b>	Music 62 - Individ. Lessons Non-Major/Minor 1 Hr.	\$190
Art 37 Material Metaphor	\$42	Music 63 - Group Lessons - Major/Minor 1 Hr.	\$65
Art 39 Public Art I Community, Site & Place	<b>\$50</b>	Music 63 - Group Lessons - Non-Major/Minor 1 Hr.	\$75
Art 40 Sculpture I	\$53	Music 161 - Individ. Lessons Major/Minor 1 Hr.	\$150
Art 60 Forms and Ideas	<b>\$15</b>	Music 161 - Individ. Lessons Non-Major/Minor 1 Hr.	\$190
Art 80D Intro to Photography - Non-Majors	\$25	Music 162 - Individ. Lessons Major/Minor 1 Hr.	\$150
Art 101 Inter/Adv. Drawing	\$35	Music 162 - Individ. Lessons Non Major/Minor 1 Hr.	\$190
Art 102 Figure Drawing	\$40	Music 196B - Advanced Indiv. Major/Minor 1 Hr.	\$150
Art 103 Inter/Adv. Painting	\$48	Music261 - Graduate Applied Instruction Major 1 hr.	\$150
Art 104 Special Topics in Painting	\$48		
Art 105 Watercolor	\$16	<b>Film and Digital Media</b>	
Art 106 A/B Sr. Studio Draw/Paint	\$48	Film 20A The Film Experience	\$15
Art 107 Mixed Media Work on Paper	\$25	Film 20B Intro to TV Culture and Society	\$4
Art 109 Inter media II	<b>\$32</b>	Film 20C Introduction to Digital Media	\$7
Art 110 Special Topics: Interactive Art	\$16	Film 20P Intro to Production Technique & Theory	\$15
Art 112 Relief & Intaglio Printmaking I	<b>\$57</b>	Film 80A Technothrillers	\$4-\$5
Art 113 Relief & Intaglio Printmaking II	<b>\$57</b>	Film 120 Intro to Film Theory and Criticism	\$10-\$15
Art 114 Lithography I	<b>\$57</b>	Film 130 Silent Cinema	\$20
Art 115 Lithography II	<b>\$67</b>	Film132 A,B International Cinema	\$20
Art 116 A/B Sr. Studio Printmaking	<b>\$70</b>	Film 132C Gender and Global Cinema	\$15
Art 117 Special Topics in Printmaking	<b>\$70</b>	Film134 A,B American Film	\$20
Art 117A Monoprinting/Mixed Media Printing	<b>\$60</b>	Film136 A Experimental Film and Video	\$20
Art 118 Computer Art Theories	\$36	Film136B History of Television	\$15
Art 119 Digital Video	\$45	Film136C Visual Culture and Technology	\$20
Art 120 Adv. Projects in Computer Art I	\$45	Film 142 Beyond Cybernetics - Advanced Topics in New Media Technologies	\$15
Art 123 Computer Printmaking	<b>\$65</b>	Film160 Film Genres	\$20
Art 126 Art of Bookmaking	\$55	Film 161 Documentary Film and Video	\$20
Art 130 Intermediate Photography	<b>\$67</b>	Film 162 Film Authors	\$20
Art 131 Advanced Photography	<b>\$67</b>		
Art 132 Color in Photography	<b>\$77</b>	Film 165A Film Video and Gender	\$20
Art 133 A&B Senior Studio in Photography	<b>\$67</b>	Film 165B Race on Screen	\$20
Art 134 Special Topics in Photography	\$70	Film 165C Lesbian, Gay, Queer Film and Video	\$20
Art 135 Intro to Digital Photography	<b>\$55</b>	Film 165D Asian Americans and Media	\$20
Art 136 Advanced Digital Photography	<b>\$55</b>		
Art 138 Inter/Adv. Sculpture	\$43	Film 168 National Cinema and Culture	\$20
Art 139 Inter./Advanced Sculpture Foundry	\$150	Film 170A Introduction to Digital Media Production	\$15
Art 140 Inter./Advanced MeTheal Construction	\$81	Film 170B Fundamentals of Film/Video Production	\$15
Art 141 Sculpture II	\$65	Film 171A Special Topics Sound	\$20
Art 143 Adv. Intermediate: 3D Approaches	\$42	Film 172 Film/Video Studio	\$20
Art 144 Site Works: 4D Approaches	\$42	Film 173 Narrative Workshop	\$20
Art 145 Material Metaphor II	\$47	Film 175 Documentary Video Workshop	\$20
Art 146 Special Topics: in 3D Art	\$50	Film 176 Experimental Video Workshop	\$20
Art 147 Seminar in 3D Art	\$45	Film 177 Digital Media Workshop	\$20
Art 148 Sculpture Special Topics	\$55	Film 185 Special Topics	\$20
Art 156 Topic in Public Art-Memories, Landscape & Artists	<b>\$50</b>	Film 187 Special Topics in Television Culture	\$8
Art 159 A/B Sr. Studio Interdimensional	\$60		
Art 161 Picturing Identity Document and Culture	\$65		

## COURSE MATERIALS FEES

2005-06

Division/Department/Unit	Fees	Division/Department/Unit	Fees
ARTS DIVISION	Course	ARTS DIVISION	Course
<b>Digital Arts and New Media</b>		<b>Film and Digital Media (continued)</b>	
DANM 219 - Introduction to Electronics for Art-Making	\$35	Film 189 Special Topics in Digital/Electronic Media Studies	\$10
<b>Theater Arts</b>		Film 194A Film Theory Seminar	\$15
Thea12 Production Management	\$10	Film 194B Electronic Theory Media Seminar	\$15
Thea14 Drawing	\$20	Film 194C New Media Theory Seminar	\$15
Thea 17 Costume Construction	\$25	Film 194D Film History Seminar	\$12
Thea 18 Drafting for Theater Design	\$25	Film 194E International Cinemas	\$15
Thea 19 Intro to Lighting Design	\$20	Film 194F Film and Other Arts: Music/Dance	\$15
Thea 30 Introduction to Modern Dance Theory	\$21	Film 194G New (s) Media	\$15
Thea 32 Introduction to Ballet	\$21	Film 196A Sr. Project in Film/Video Production	\$20
Thea 33 Adv. Intro to Modern Dance	\$21	Film 197 Sr. Digital Media Workshop	\$20
Thea 36 Intro to Dance Composition	\$21	Film 283 New Media Arts and Digital Culture	\$20
Thea 37 Intro to Afro World Dance	\$21	<i>*Fees for film courses may be less than published above, or not charged for a particular quarter. Contact the Film Department for more information.</i>	
Thea 129 Adv. Ballet	\$21		
Thea 130 Intermd. Mod Dance Theory	\$21		Course
Thea 131 Adv. Modern Dance Theory	\$21		Fees
Thea 132 Modern Dance Studio	\$21	<b>DIVISION OF PHYSICAL AND BIOLOGICAL SCIENCES</b>	
Thea 135 Dance Improvisation & Theory	\$21	<b>Biology</b>	
Thea 136 Intermediate Ballet	\$21	Biology 160L - Marine Ecology Lab	\$10
Thea 137 Studios in Performance	\$21	Biology 161L - Kelp Forest Ecology Lab	\$40
Thea 138 Choreographic Process: Form concept...	\$21	Biology 162 - Marine Ecology Field Quarter - Tahiti	\$2,500
Thea 139 Random with Purpose	\$21	Biology 168L - Systematic Botany of Flowering Plants Lab	\$20
Thea 080Y/161V Broadway Musical	\$21	Biology 169L - Plant Ecology Lab	\$25
Thea 107 Masks Makeup	\$25	Biology 170L - Marine Botany Lab	\$10
Thea 110 Advanced Stage Technology	\$20	Biology 176L - Molecular Evolution Lab	\$10
Thea 114 Design Theater Sound	\$20	Biology 187L - Molecular Biotechnology	\$40
Thea 115 Design Studio Scenic Design	\$15	<b>Chemistry</b>	
Thea 116A History of Clothing/Costume	\$25	Chemistry 1M - General Chemistry - Lab	\$5
Thea 117 Design Studio Costume	\$25	Chemistry 1N - General Chemistry - Lab	\$20
Thea 118 Design Studio Scene Painting	\$25	Chemistry 4L - GC with Quantitative analysis Lab	\$20
Thea119 Design Studio Advanced Lighting	\$25	Chemistry 4M - GC with Quantitative Analysis Lab	\$25
<b>DIVISION OF PHYSICAL AND BIOLOGICAL SCIENCES</b>		Chemistry 80H & 80L - Intro to Wines and Wine Chemistry	\$40
<b>Biology and Chemistry</b>		Chemistry 108L - Organic Chemistry Lab	\$25
<b>Biology</b>		Chemistry 108M - Organic Chemistry Lab	\$25
Biology 075 - Scientific Diving Certification	\$300	Biochemistry 110 - Biochemistry Lab	\$40
Biology 20L - ExperimentTheal Biology Lab	\$20	Chemistry 112L - Organic Chemistry Lab	\$40
Biology 100L - Biochemistry Lab	\$40	Chemistry 112M - Organic Chemistry Lab	\$40
Biology 105L - Eukaryotic Genetics	\$40	Chemistry 112N - Organic Chemistry Lab	\$40
Biology 105M - Genetics Lab	\$25	Chemistry 122 - Principles of Instrumental Analysis	\$40
Biology 109L - Yeast Molecular Genetics Lab	\$40	Chemistry 146A - Adv. Lab. in Organic Chem	\$40
Biology 116L - Eukaryotic Molecular Biology	\$40	Chemistry 146B - Adv. Lab. in Inorganic Chem	\$40
Biology 119L - Microbiology Lab	\$40	Chemistry 146C - Adv. Lab in Physical Chemistry	\$40
Biology 120L - Development Lab	\$40	Chemistry 151L - Inorganic Chemistry Lab	\$40
Biology 128L - Neural Genetics Lab	\$40	Chemistry 164B - Physical Chemistry Laboratory II	\$25
Biology 130L - Animal Physiology Lab	\$10		
Biology 131L - Animal Physiology Lab	\$10		
Biology 135L - Anatomy of the Human Body Lab	\$60		
Biology 136L - Invertebrate Zoology Lab	\$25		
Biology 137L - Ichthyology Lab	\$25		
Biology 139L - Biology of Marine Mammals Lab	\$10		
Biology 141L - Ecology Field Methods	\$20		
Biology 143L - Field Methods in Herpetological Resh	\$15		
Biology 144L - Ornithology Field Studies	\$25		
Biology 145L - Behavioral Ecology Field Course	\$40		

University of California Santa Cruz  
**COURSE MATERIALS FEES**  
 2005-06

Division/Department/Unit	Course Fees	Course Fees
<b>DIVISION OF PHYSICAL AND BIOLOGICAL SCIENCES</b>		
<b>Earth Science</b>		
ES 5L California Geology - Lab	\$10	
ES 10L Geologic Principles - Lab	\$10	
ES 20L Environmental Geology - Lab	\$10	
ES 104 Geologic Hazards	<b>\$5</b>	
ES 105 Coastal Geology	\$10	
ES 109 Field Geology	\$20	
ES 116 Hydrology	\$10	
ES 117 Paleomagnetism	\$20	
ES 120 Sedimental Geology & Stratigraphy	\$20	
ES 130 Magmas & Volcanoes	\$10	
ES 142 Soil Properties/Mechanics	\$10	
ES 146 Groundwater	\$10	
ES 148 Glaciology	<b>\$10</b>	
ES 150 Structural Geology	\$20	
ES188 A & B-Sr. Field Trip Internship		
UCSC Students Both Sessions	\$1,800	
UCSC Students - One Sessions	\$1,000	
Non- UCSC Students Both Sessions	\$2,000	
Non-UCSC Students - One Session	\$1,100	
ES 205 Introductory Grad Seminar	\$20	
<b>SOCIAL SCIENCES DIVISION</b>		
Anthro 107L Anatomy of the Human Body Lab	\$60	
<small>(Cross listed with Biol 135L/taught in conjunction with Anth 207L)</small>		
<b>OFFICE OF PHYSICAL EDUCATION RECREATION</b>		
<b>Physical Education</b>		
Phye005E - Aquatics: Lifeguard Training	\$90	
Phye005F - Aquatics: Water Safety Instructor	\$55	
Phye005R - Aquatics: Basic Scuba Diving	\$60	
- Basic Scuba Certification	\$25	
Phye005T - Aquatics: Advanced Scuba Diving	\$80	
- Advanced Scuba Certification	\$15	
Phye009B - Boating: Basic Sailing	\$45	
Phye009C - Boating: Intermediate Sail-Dinghy	\$45	
Phye009C - Boating: Intermediate Sail-Keelboat	\$50	
Phye009D - Boating: Advanced Sail-Dinghy	\$45	
Phye009D - Boating: Advanced Sail-Keelboat	\$50	
Phye009J - Boating: Basic and Intermediate Rowing	\$40	
Phye015N - Court Sports: Tennis	\$8	
Phye020A - Dance: Ballet	\$15	
Phye020C - Dance: Jazz	\$10	
Phye020D - Dance: Modern	\$15	
Phye025A - Fencing: Epee	\$10	
Phye025C - Fencing: Saber	\$10	
Phye025B - Fencing: Foil	\$10	
<b>SCHOOL OF ENGINEERING</b>		
ENGR 50L Engineering Mechanics Lab		\$20
<b>Computer Engineering</b>		
<small>See Engineering's Web Site at <a href="http://www.cse.ucsc.edu/bels">http://www.cse.ucsc.edu/bels</a></small>		
CMPE 100L Logic Design Lab		\$30
CMPE 117L Embedded Software Lab		<b>\$30</b>
CMPE 118L Intro to Mechatronics Lab		<b>\$30</b>
CMPE 121L - Microprocessor System Design Lab		<b>\$160</b>
CMPE 123A - Computer Eng. Sr. Project I		<b>\$35-\$150</b>
CMPE 123B - Computer Eng. Sr. Project II		<b>\$35-\$150</b>
CMPE 125L - Logic Design with Verilog Lab		<b>\$25</b>
CMPE 126L - Advanced Logic Design Lab		<b>\$25</b>
CMPE 151 - Computer Network Administration		<b>\$30</b>
CMPE 155L - Computer networking Project Lab		<b>\$40</b>
CMPE 156L - Intro to Network Programming Lab		<b>\$30</b>
CMPE 163L Multimedia Processing/Applications		<b>\$25</b>
CMPE 172L Linear and Non-Linear Circuits		<b>\$15</b>
CMPE 173L High Speed Digital Design Lab		<b>\$85</b>
<b>Electrical Engineering</b>		
EE 70L Intro to Electronic Circuits Lab		\$30
EE 123A Electrical Engineering Sr Project I		<b>\$35-\$150</b>
EE 123B Electrical Engineering Sr Project II		<b>\$35-\$150</b>
EE125 Elec. Eng. Hardware Design Lab I		\$10-\$40
EE 126 Elec Eng. Hardware Design Lab II		\$10-\$80
EE130L Intro. Opto-Electronics/Photonics Lab		<b>\$20</b>
EE 135L Electromagnetic Fields & Waves Lab		\$45
EE 145L Properties of Materials Lab		<b>\$45</b>
EE171L Analog Electronics Lab		\$30