

COURSE FEES**2017-18**

Division/Department/ Class

Changes in Bold

Fees

ARTS DIVISIONArt Department

ART 10D - 2D Foundation	\$28
ART 10E - 3D Foundation	\$25
ART 20A - Concepts and Practive Drawing	\$25
ART 20E - Concepts and Practive in Painting	\$50
ART 20F - Concepts and Practice in Print	\$50
ART 20G - Introduction to Printmaking and Drawing	\$60
ART 20H - Introduction to Sculpture and Public Art	\$78
ART 20I - Introduction to Photography	\$80
ART 20J - Introduction to Drawing and Painting	\$56
ART 20K - Intro to Digital Media	\$55
ART 26 - Introduction to Printmaking	\$70
ART 80D - Intro to Photography: Beginners/Non-Majors	\$25
ART 102 - Physical Computing and Interactvitiy	\$90
ART 103 - Physical Computing, Installation and Sculpture	\$90
ART 106C - Introduction to Stop Motion Animation	\$100
ART 106E - Intro to 3D Graphics and Modeling	\$45
ART 108 - Social Practice in New Media	\$50
ART 110 - Intermediate/Advanced Drawing	\$40
ART 111 - Figure Drawing	\$58
ART 112 - Mixed Media Work on Paper	\$40
ART 118 - Computer Art Theories, Methods, Practices	\$35
ART 119 - Special Topics in Drawing	\$50
ART 120 - Intro to Intermedia	\$32
ART 121 - Intermedia II	\$32
ART 122 - Intermedia: Conceptual & Process Oriented Approaches	\$32
ART 124 - Material Metaphr: Creating Meaning in Form	\$20
ART 125 - Environmental Art Studio	\$55
ART 127- Architectural Design	\$40
ART 128 - Picturing Identity: Document & Culture	\$65
ART 129 - Special Topics in Intermedia	\$32
ART 130 - Intermediate/Advanced Painting	\$50
ART 132 - Figure Painting	\$50
ART 133 - Abstract Painting	\$50
ART 138 - Facture and Meaning	\$50
ART 139 - Special Topics in Painting	\$50
ART 150 - Darkroom Practices	\$65
ART 151 - Digital Photography	\$75
ART 156 - Project Development in Photography	\$75
ART 157 - Advanced Digital Photography	\$75
ART 158 - Advanced Photography	\$75
ART 159 - Special Topics in Photography	\$75
ART 160B - Monoprinting/Mixed Media/Print Media	\$65
ART 161B - Relief and Mixed Media Printing	\$65
ART 162A - Relief & Intaglio Printmaking I	\$70
ART 162B - Relief & Intaglio Printmaking II	\$70
ART 163A - Lithography I	\$60

COURSE FEES

2017-18

Division/Department/ Class

Changes in Bold

Fees

ART 163B - Lithography II	\$70
ART 164A - Screenprinting	\$65
ART 165 - Print Media in Visual Communication	\$70
ART 166 - Art of Bookmaking	\$55
ART 168 - Photo-Based Printmaking	\$70
ART 169 - Special Topics in Printmaking	\$70
ART 172 - Topics in Public Art: Memory, Landscape and Artist	\$55
ART 175 - Taking It to the Street: Performance and Politics/Politics of Performance	\$40
ART 180B - Sculpture II	\$75
ART 183 - Metal Sculpture	\$95
ART 184 - 3D Art & Design Studio I	\$120
ART 185 - 3D Art & Design Studio II	\$120
ART 188 - Intermediate/Advanced Sculpture Foundry	\$175
ART 189 - Special Topics in Sculpture	\$65
ART 190B - Senior Project	\$54
ART 194 - Forms & Ideas	\$15
ART 199 - Tutorial Independent Study	\$50
ARTG 80G - Visual Communication and Interaction Design	\$20
ARTG 80I - Foundations of Play	\$25
ARTG 118 - Computer Art Theories, Methods, Practices	\$35
ARTG 120- Game Design Experience	\$20
ARTG 129- Special Topics in Game Design	\$25
ARTG 170 - Games Design Studio I	\$20
ARTG 171 - Games Design Studio I	\$20
ARTG 172 - Games Design Studio I	\$20
<u>MUSIC Department</u>	
MUSC 1A - Women's Chorale	\$10
MUSC 1C - University Concert Choir	\$10
MUSC 2 - University Orchestra	\$10
MUSC 3 - Large Jazz Ensemble	\$10
MUSC 9 - Wind Ensemble	\$10
MUSC 60 - Fundamental Keyboard Skills (group lessons)	\$150
MUSC 61 - Indiv. Lessons Major/Minor 1/2 Hr.	\$350
MUSC 61 - Indiv. Lessons Non Major/Minor 1/2 Hr.	\$350
MUSC 62 - Indiv. Lessons Major/Minor 1 Hr.	\$650
MUSC 62 - Indiv. Lessons Non Major/Minor 1 Hr.	\$650
MUSC 63 - Group Lessons Major/Minor 1 Hr.	\$100
MUSC 63 - Group Lessons Non Major/Minor 1 Hr.	\$100
MUSC 102 - University Orchestra	\$10
MUSC 103 - Concert Choir	\$10
MUSC 159A - Opera Workshop	\$10
MUSC 159B - Opera Workshop	\$10
MUSC 160 - University Opera Theater	\$10
MUSC 161 - Indiv. Lessons Major/Minor 1 Hr.	\$650
MUSC 161 - Indiv. Lessons Non Major/Minor 1 Hr.	\$650
MUSC 162 - Advanced Indiv. Lessons Major/Minor 1 Hr.	\$650
MUSC 162 - Advanced Indiv. Lessons Non Major/Minor 1 Hr.	\$650
MUSC 166 - Chamber Singers	\$10

COURSE FEES**2017-18**

Division/Department/ Class

Changes in Bold

Fees

MUSC 196B - Senior Recital Preparation Individual Lessons	\$650
MUSC 261 - Graduate Applied Instruction Major 1 hr.	\$650
<u>Film and Digital Media</u>	
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 1930 to 1960	\$4
FILM 132B - International Cinema, 1960 to Present	\$4
FILM 132C - Gender and Global Cinema	\$5
FILM 134A - American Film 1930 to 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 136D - Documentary Film and Video	\$10
FILM 142 - Beyond Cybernetics: Advanced Topics in New Media Technologies	\$15
FILM 160 - Film Genres	\$8
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 165E - Chicana/o Cinema and Culture	\$12
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 171F - Special Topics Workshop: Autobiographical Film	\$210
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	\$40
FILM 178A - Personal Computers in Film & Video	\$147
FILM 185D - Sound Image in Theory & Criticism	\$12
FILM 185R - The Film Remake	\$12
FILM 185S - Advanced Topics in Film Making	\$12
FILM 185X - Eye Candy Seminar	\$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

COURSE FEES**2017-18**

Division/Department/ Class

Changes in Bold

Fees

FILM 194E - International Cinemas	\$15
FILM 194F - Film and Other Arts: MUSC/Dance	\$15
FILM 194G - New (s) Media	\$15
FILM 194S - Special Topics Seminar	\$12
FILM 196A - Sr. Project in Film/Video Production	\$292
FILM 196C - Senior Documentary Workshop	\$292
FILM 197- Sr. Digital Media Workshop	\$20
FILM 200C -Theory and Praxis of Film & Dig Media, Part 2	\$292
FILM 283 - New Media Arts and Digital Culture	\$20

Digital Arts and New Media

DANM 133 - Intro to Computing and Physical Computing for the Arts	\$82
DANM 135 - Kinematics: Motion and Machine Art	\$50
DANM 138 - Procession: Where Sculpture Meets Costume Meets Performance	\$50
DANM 140 - 3D Alchemy: 3D Design/Rapid Prototyping/3DPrinting/CNC Milling/Laser Cutting	\$50
DANM 141 - Intro to Soft Interaction: Fiber Arts and Reactive Technologies	\$78
DANM 219 - Introduction to Electronics for Art Making	\$118

Theater Arts

THEA 12 - Production Management	\$10
THEA 14 - Drawing	\$28
THEA 17 - Costume Construction	\$25
THEA 18 - Drafting for Theatrical Production	\$20
THEA 18C - Computer Aided Drawing for Theatrical Production	\$20
THEA 19 - Design Studio: Lighting Studio A	\$30
THEA 30 - Introduction to Modern Dance Theory & Technique	\$30
THEA 31C - Dance Studio I	\$21
THEA 32 - Introduction to Ballet	\$30
THEA 33 - Adv. Intro to Modern Dance	\$30
THEA 36 - Intro to Dance Composition	\$30
THEA 37 - African Dance	\$50
THEA 54 - Basic Stagecraft	\$25
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	\$18
THEA 117 - Design Studio: Costume	\$25
THEA 118 - Design Studio: Scene Painting	\$25
THEA 119 - Design Studio: Lighting Studio B	\$30
THEA 129 - Advanced Ballet	\$21
THEA 130 - Intermed. Mod Dance Theory & Technique	\$30
THEA 131 - Adv. Modern Dance Theory & Technique	\$30
THEA 131C - Dance Studio II	\$30
THEA 132 - Modern Dance Studio	\$30
THEA 135 - Dance Improvisation & Theory	\$30
THEA 136 - Intermediate Ballet	\$30
THEA 136C - Dance Studio III	\$21
THEA 137 - Studies in Performance (Dance)	\$30
THEA 138 - Movement Research in New Arts Praxis	\$21

COURSE FEES**2017-18**

Division/Department/ Class

Changes in Bold

Fees

THEA 139 - Random with Purpose	\$30
THEA 158 - Chautauqua	\$5

DIVISION OF PHYSICAL AND BIOLOGICAL SCIENCESBiology: Ecology and Evolutionary Biology

BIOE 075 - Scientific Diving Certification	\$417
BIOE 082 - Intro to Field Research and Conservation	\$125
BIOE 085 - Natural History of the UCSC Natural Reserve	\$65
BIOE 112L - Ornithology Field Studies	\$60
BIOE 114L - Field Methods in Herpetological Research	\$175
BIOE 117L - Systematic Botany of Flowering Plants Lab	\$30
BIOE 120L - Marine Botany Lab	\$40
BIOE 122L - Invertebrate Zoology Lab	\$25
BIOE 124L - Mammalogy Lab	\$81
BIOE 127L - Ichthyology Lab	\$15
BIOE 128L - Large Marine Vertebrates Field Course	\$158
BIOE 129L - Biology of Marine Mammals Lab	\$40
BIOE 131L - Animal Physiology Lab	\$10
BIOE 133L - Exercise Physiology Lab	\$10
BIOE 134L - Comparative Vertebrate Anatomy Laboratory	\$70
BIOE 135L - Plant Physiology Lab	\$15
BIOE 137L - Molecular Ecology Lab	\$140
BIOE 141L - Behavioral Ecology Field Course	\$70
BIOE 145L - Field Methods in Plant Ecology	\$45
BIOE 150L - Ecological Field Methods Lab	\$120
BIOE 151B - Ecology and Conservation in Practice Supercourse	\$1,497
BIOE 153 - Artic Ecology & Environmental Change	\$2,570
BIOE 155L - Freshwater Ecology Laboratory	\$133
BIOE 158L - Marine Ecology Lab	\$40
BIOE 159 - Marine Ecology Field Quarter	\$3,000
BIOE 161L - Kelp Forest Ecology Lab	\$450
BIOE 170L - Molecular Ecology and Evolution Lab	\$10

Biology: Molecular, Cell, and Developmental Biology

BIOL 20L - Experimental Biology Lab	\$25
BIOL 100L - Biochemistry Lab	\$30
BIOL 101L - Molecular Biology Lab	\$31
BIOL 105L - Eukaryotic Genetics Lab	\$60
BIOL 105M - Microbial Genetics Lab	\$35
BIOL 109L - Yeast Molecular Genetics Lab	\$55
BIOL 110L - Cell Biology Lab	\$60
BIOL 111L - Immunology Lab	\$75
BIOL 115L - Eukaryotic Molecular Biology Lab	\$65
BIOL 120L - Development Lab	\$60
BIOL 121L - Environmental Phage Biology Lab	\$100
BIOL 130L - Human Physiology Lab	\$10
BIOL 187L - Molecular Biotechnology Lab	\$60

COURSE FEES**2017-18**

Division/Department/ Class

Changes in Bold

Fees

Chemistry

CHEM 1M - General Chemistry Lab	\$18
CHEM 1N - General Chemistry Lab	\$18
CHEM 8L - Organic Chemistry Lab	\$40
CHEM 8M - Organic Chemistry Lab	\$50
BIOC 110L - Advanced Biochemistry Lab	\$350
CHEM 110L - Intermediate Organic Chemistry Lab	\$88
CHEM 122 - Principles of Instrumental Analysis	\$180
CHEM 146A - Adv. Lab. in Organic Chemistry	\$100
CHEM 146B - Adv. Lab. in Inorganic Chemistry	\$200
CHEM 146C - Adv. Lab in Physical Chemistry	\$75
CHEM 151L - Inorganic Chemistry Lab	\$85
CHEM 164 - Physical Chemistry Laboratory	\$50

Earth & Planetary Sciences

EART 5L - California Geology Lab	\$15
EART 10L - Geologic Principles Lab	\$20
EART 11 - Earthquakes	\$20
EART 20L - Environmental Geology Lab	\$20
EART 100 - Vertebrate Paleontology	\$10
EART 101 - Invertebrate Paleobiology	\$40
EART 104 - Geologic Hazards	\$10
EART 105 - Coastal Geology	\$15
EART 109 - Elements of Field Geology	\$130
EART 110C - The Dynamic Earth	\$10
EART 116 - Hydrology	\$10
EART 120 - Sedimentology and Stratigraphy	\$40
EART 121 - The Atmosphere	\$15
EART 140L - Geomorphology Lab	\$40
EART 142 - Engineering Geology for Environmental Scientists	\$60
EART 146 - Groundwater	\$5
EART 148 - Glaciology	\$85
EART 150 - Structural Geology	\$85
EART 188 A - Summer Field Internship	\$1,300
Non-UCSC Students	\$1,400
EART 188 B - Geographic Information Systems with Applications to Earth Sciences	\$1,300
Non-UCSC Students	\$1,400
EART 204 - Earth and Planetary Sciences Foundations	\$40

Microbiology and Environmental Toxicology

METX 119L - Microbiology Lab	\$58
METX 135L - Functional Anatomy Lab	\$45

SOCIAL SCIENCES DIVISIONAnthropology

ANTH 110 - Comparative Anatomy Lab	\$45
ANTH 180 - Ceramic Analysis Lab	\$25
ANTH 189 - Archaeology Field School Cowell Lime Works	\$25
ANTH 191 - Archaeological Field Research	\$1,810

COURSE FEES**2017-18**

Division/Department/ Class

Changes in Bold

Fees

 ANTH 291 - Archaeological Field Research \$1,810
Environmental Science
 ENVS 106A - Natural History of Birds \$40
 ENVS 107A - Natural History Field Quarter \$800
 ENVS 109B - Ecology and Conservation in Practice Supercourse \$1,497
 ENVS 115L - Geographic Information Systems \$20
ENVS 130C - Field Experiences in Agroecology and Sustainable Food Systems \$22
 ENVS 130L - Intro to Agroecology Lab \$11
 ENVS 133 - Agroecology Practicum \$55
 ENVS 161L - Soils and Plant Nutrition Lab \$15
 ENVS 167L - Freshwater and Wetland Ecology Lab \$40
 ENVS 215L - Geographic Information Systems \$20
Education
 EDUC 221 - Science Teaching and Learning in Elementary Classrooms \$10
 EDUC 231 - Teaching Science in Secondary Classrooms \$10
OFFICE OF PHYSICAL EDUCATION RECREATIONPhysical Education
 PHYE 5A - Aquatics: Swimming Level 1 \$20
 PHYE 5B - Aquatics: Swimming Level 2 \$20
 PHYE 5C - Aquatics: Swimming Level 3 \$20
 PHYE 5D - Aquatics: Swimming Level 4 \$20
 PHYE 5E - Aquatics: Lifeguard Training \$90
 PHYE 5F - Aquatics: Water Safety Instructor \$55
 PHYE 5G - Aquatics: Swimming/Conditioning \$20
 PHYE 5H - Aquatics: Competitive Swimming \$20
 PHYE 5R - Aquatics: Basic Scuba Diving \$250
 PHYE 5S - Aquatics: Advanced Scuba Diving \$200
 PHYE 5T - Aquatics: Rescue Scuba \$220
 PHYE 5U Aquatics: Dive Master \$315
 PHYE 9B - Boating: Basic Sailing \$55
 PHYE 9C - Boating: Intermediate Sail-Dinghy \$55
 PHYE 9D - Boating: Advanced Sail-Dinghy \$55
 PHYE 9H - Boating: Basic Rowing \$50
 PHYE 9J - Boating: Intermediate Rowing \$50
 PHYE 9K - Boating: Ocean Kayaking \$50
 PHYE 9S - Boating: Beginning Sail Keelboat \$60
 PHYE 9T - Boating: Intermediate Sail Keelboat \$60
 PHYE 9X - Boating: Advanced Sail Keelboat \$60
 PHYE 15B - Court Sports: Basketball \$20
 PHYE 15H - Court Sports: Racquetball \$20
 PHYE 15N - Court Sports: Tennis \$20
 PHYE 15T - Court Sport: Volleyball \$20
 PHYE 20A - Dance: Ballet \$22
 PHYE 20B - Dance: Folk Dance International \$20
 PHYE 20C - Dance: Jazz \$20
 PHYE 20D - Dance: Modern \$22

COURSE FEES**2017-18**

Division/Department/ Class

Changes in Bold

Fees

PHYE 25A - Fencing: Epee	\$20
PHYE 25B - Fencing: Foil	\$20
PHYE 25C - Fencing: Sabre	\$20
PHYE 28K - Field Sports: Soccer	\$20
PHYE 30G - Fitness Activities: Physical Conditioning	\$20
PHYE 30H - Fitness Activities: Tai Chi Ch'uan	\$20
PHYE 30J - Fitness Activities: Weight Training	\$20
PHYE 30L - Fitness Activities: Yoga Exercises	\$20
PHYE 30N - Self- Defense Basics	\$16
PHYE 43A - Martial Arts: Aikido	\$20
PHYE 43G - Martial Arts: Tae Kwon Do (Karate)	\$20
PHYE 209B Beginning Dinghy Sailing	\$55
PHYE 209C Intermediate Dinghy Sailing	\$55
PHYE 209S Beginning Keelboat Sailing	\$60

SCHOOL OF ENGINEERINGComputer Engineering

CMPE 008 - Robot Automation: Intelligence Through Feedback Control	\$5
CMPE 100L - Logic Design Lab	\$19
CMPE 117L - Embedded Software Lab	\$30
CMPE 118L - Intro to Mechatronics Lab	\$190
CMPE 121L - Microprocessor System Design Lab	\$221
CMPE 123A - Engineering Design Project I	\$110
CMPE 123B - Engineering Design Project II	\$10
CMPE 125L - Logic Design with Verilog Lab	\$5
CMPE 126L - Advanced Logic Design Lab	\$25
CMPE 129B - Capstone Project II	\$10
CMPE 129C - Capstone Project III	\$10
CMPE 150L- Introduction to Computer Networks Lab	\$10
CMPE 151L - Computer Network Administration Lab	\$10
CMPE 156L- Network Programming Lab	\$10
CMPE 163L - Multimedia Processing/Applications Lab	\$25
CMPE 167L - Sensing & Sensor Technologies Lab	\$30
CMPE 218L - Mechatronics Lab	\$190
CMPE 225 - Intro to ASIC Systems Design	\$15

Computer Science

CMPS 123A - Software Design Project I	\$20
CMPS 123B - Software Design Project II	\$20
CMPS 170 - Game Design Studio 1	\$25
CMPS 171 - Game Design Studio 2	\$65
CMPS 172 - Game Design Studio 3	\$25

Electrical Engineering

EE 101L - Intro to Electronics Lab	\$42
EE 103L - Signals and Systems Lab	\$5
EE 123A - Electrical Engineering Senior Project I	\$10
EE 123B - Electrical Engineering Senior Project II	\$10

COURSE FEES**2017-18****Changes in Bold**

Division/Department/ Class

Fees

EE 129B - Capstone Project II	\$10
EE 129C - Capstone Project III	\$10
EE130L - Intro. to Optoelectronics Lab	\$10
EE 135L - Electromagnetic Fields & Waves Lab	\$22
EE 145L - Properties of Materials Lab	\$5
EE 157L - RF Hardware Design Lab	\$112
EE 171L - Analog Electronics Lab	\$15
EE 173L - High Speed Digital Design Lab	\$5
EE 175L - Energy Conservation & Control Lab	\$5
EE 176L - Energy Conservation & Control Lab	\$5
EE 177L - Power Electronics Lab	\$15

Biomolecular Engineering

BME 51A - Applied Electronics for Bioengineers	\$83
BME 51B - Applied Electronics for Bioengineers	\$18
BME 129B - Biomolecular Engineering Project 2	\$80
BME 129C - Biomolecular Engineering Project 3	\$80
BME 128L - Proteing Engineering Lab	\$155
BME 140L - Bioinstrumentation Lab	\$40

COWELL COLLEGE

COWL 70A - Bookbinding	\$60
COWL 70B - Printing I: Elements of Printing	\$60
COWL 70C - Printing II: Typography and Book Design	\$60

CROWN COLLEGE

CRWN 185 - Career and Internship Preparation	\$33
---	-------------

STEVENSON COLLEGE/ OFFICE OF PHYSICAL EDUCATION RECREATION

STEV 11A: Tools for Leadership and Conflict Resolution	\$65
STEV 11B: Leadership form the Inside Out, Networking and Professionalism	\$70
STEV 11C: Tone-Setting and Leading with Cultural/Emotional Intelligence	\$60
STEV 12: Risk Management and Social Justice through the Lens of Outdoor Leadership	\$171
STEV 13: Spring Break: Backpacking the Canyons of Southern Utah	\$619