

**APPROVED COURSE MATERIALS AND SERVICES FEES**

IRVINE CAMPUS

Effective for 2017-18<sup>+</sup>

COURSE	APPROVED FEE LEVEL	NOTES
<b>SCHOOL OF THE ARTS DEPARTMENT OF DRAMA</b>		
Optional fees collected and recorded by the Department of Studio Art to cover use of studio editing equipment and facilities.		
Fees collected for Drama 258 cover the costs of live figure models		
Optional Drama 135	\$ 30.00 per course/quarter	
Optional Drama 200	\$ 30.00 per course/quarter	
Optional Drama 219	\$ 30.00 per course/quarter	
Optional Drama 199	\$ 50.00 per course/quarter	
Drama 258 Drawing for Designers	\$ 45.00 per course/quarter	
<b>SCHOOL OF THE ARTS DEPARTMENT OF MUSIC</b>		
Fees cover the cost of individualized music instruction		
Music 65 - 70 Level I Music Instruction	\$ 500.00 per course/quarter	
Music 165 - 170 Music Performance Instruction	\$ 500.00 per course/quarter	
<b>SCHOOL OF THE ARTS DEPARTMENT OF ART</b>		
Use of the fee: consumable supplies (Ceramics/Sculpture/Photography/Painting/Video), film/photo processing/chemicals (Photography), and color printing supplies (Digital Imaging). Optional fees cover equipment rental, materials and studio access fees for Photography and Television/Video Courses.		
<b>++REVISED 40 Basic Sculpture</b>	\$ 65.00 per lab/quarter	
<b>++REVISED 51 Basic Ceramics Sculpture</b>	\$ 65.00 per lab/quarter	
65A Foundations in Media Design	\$ 10.00 per lab/quarter	renamed from Basic Digital Imaging
65B Foundations in Internet Art and Design	\$ 10.00 per lab/quarter	renamed from Basic Digital Imaging
65C Gizmology and Kinetics	\$ 65.00 per course/quarter	
65E Mechatronic I	\$ 80.00 per course/quarter	replaces 110A
Optional 65E Mechatronic I Optional Equip/Consumable Fee	\$ 20.00 per course/quarter	optional equip/consumable fee
71A Introduction to Photography I	\$ 65.00 per lab/quarter	
Optional 71A Introduction to Photography I-Optional Equipment Rental	\$ 20.00 per lab/quarter	equipment user fee
71B Introduction to Photography II	\$ 65.00 per lab/quarter	
Optional 71B Introduction to Photography II-Optional Equipment Rental	\$ 20.00 per lab/quarter	equipment user fee
81A Digital Filmmaking Production I	\$ 65.00 per lab/quarter	
Optional 81A Digital Filmmaking Production I-Optional Studio Access/Rental	\$ 35.00 per lab/quarter	studio access fee* REPLACES 81
81B Digital Filmmaking Production II	\$ 65.00 per lab/quarter	
Optional 81B Digital Filmmaking Production II-Optional Studio Access/Rental	\$ 35.00 per lab/quarter	studio access fee*
Optional 100 Advanced Digital Photography-Optional Equipment Rental	\$ 20.00 per lab/quarter	equipment user fee
100 Digital Photography	\$ 15.00 per lab/quarter	
Optional 100 Digital Photography-Optional Equipment Rental	\$ 20.00 per lab/quarter	equipment user fee
100 Cinema History: Notions of Avant-garde	\$ 67.00 per lab/quarter	
Optional 100 Video Documentary-Optional Studio Access/Rental	\$ 35.00 per lab/quarter	studio access fee*
<b>+NEW 100 Monoprint</b>	\$ 20.00 per lab/quarter	
104 Intermediate Sculpture	\$ 55.00 per lab/quarter	
105 Intermediate Ceramics Sculpture	\$ 60.00 per lab/quarter	
106A Programming for Artists	\$ 10.00 per course/quarter	replaces 106; expanded curriculum
106B Game Studies	\$ 10.00 per course/quarter	replaces 106; expanded curriculum
106C Design for Print	\$ 10.00 per course/quarter	replaces 106; expanded curriculum
107 Intermediate Projects in Photography	\$ 60.00 per lab/quarter	
Optional 107 Intermediate Projects in Photography-Optional Equipment Rental	\$ 35.00 per lab/quarter	equipment user fee
108 Intermed Video Projects	\$ 65.00 per lab/quarter	
Optional 108 Intermed Video Projects - Optional Studio Access/Rental	\$ 35.00 per lab/quarter	studio access fee*
110B Mechatronic Art II	\$ 135.00 per course/quarter	
110C Mechatronic Art III	\$ 25.00 per course/quarter	
Optional 110 B, C Mechatronic Art Optional Equip/Consumable Fee	\$ 20.00 per course/quarter	optional equip/consumable fee
127A Issues in Video History and Criticism	\$ 67.00 per lab/quarter	
127B Issues in Experimental Film History	\$ 67.00 per lab/quarter	
131 Projects in Installation	\$ 20.00 per lab/quarter	
132A Digital Filmmaking Pre-Production	\$ 65.00 per lab/quarter	
Optional 132A Digital Filmmaking Pre-Production-Opt. Studio Access/Rental	\$ 35.00 per lab/quarter	studio access fee*
132B Digital Filmmaking Post-Production	\$ 65.00 per lab/quarter	
Optional 132B Digital Filmmaking Post-Production-Opt. Studio Access/Rental	\$ 35.00 per lab/quarter	studio access fee*
141 Digital Filmmaking Advanced Project I	\$ 65.00 per lab/quarter	

**APPROVED COURSE MATERIALS AND SERVICES FEES**

IRVINE CAMPUS

Effective for 2017-18<sup>+</sup>

	<b>COURSE</b>	<b>APPROVED FEE LEVEL</b>	<b>NOTES</b>
Optional	141 Digital Filmmaking Advanced Project I-Optional Studio Access/Rental	\$ 35.00 per lab/quarter	studio access fee*
	150 Advanced Studio Topics/Painting	\$ 68.00 per lab/quarter	
	150F - Advanced Figure Drawing	\$ 40.00 per lab/quarter	was 150C
<b>++REVISED</b>	<b>151 Advanced Topics Sculpture</b>	<b>\$ 65.00 per lab/quarter</b>	
	152A Advanced Studio Topics/Photography	\$ 75.00 per lab/quarter	replaces 152
	152B Documentary Photography	\$ 75.00 per lab/quarter	replaces 152
	152C The Public Image	\$ 75.00 per lab/quarter	replaces 152
	152D The Photographic Tableau	\$ 75.00 per lab/quarter	replaces 152
	152E The Constructed Image	\$ 75.00 per lab/quarter	replaces 152
	152F Seminar Production Component	\$ 75.00 per lab/quarter	replaces 152
	153 Digital Filmmaking Advanced Project II	\$ 65.00 per lab/quarter	
Optional	153 Digital Filmmaking Advanced Project II -Optional Equipment Rental	\$ 35.00 per lab/quarter	equipment user fee**
Optional	153 Adv Video Topics - Optional Studio Access/Rental	\$ 50.00 per lab/quarter	studio access fee*
<b>++REVISED</b>	<b>156 Advanced Ceramics Sculpture</b>	<b>\$ 65.00 per lab/quarter</b>	
	166A Digital Filmmaking Web Series	\$ 65.00 per lab/quarter	
Optional	166A Digital Filmmaking Web Series -Opt. Equip Rental	\$ 35.00 per lab/quarter	equipment user fee**
	190B Senior Projects and Critique in Photography	\$ 75.00 per lab/quarter	
	190C Senior Projects and Critique in Video	\$ 65.00 per lab/quarter	
Optional	190C Senior Projects & Critique in Video-Opt. Studio Access	\$ 35.00 per lab/quarter	studio access fee*
	198 Honors Exhibition	\$ 30.00 per lab/quarter	
	199 Independent Study in Photo (B&W)	\$ 55.00 per lab/quarter	
	199 Independent Study in Photo (Color)	\$ 75.00 per lab/quarter	
	199 Independent Study in Ceramics	\$ 60.00 per lab/quarter	
	199 Independent Study in Sculpture	\$ 55.00 per lab/quarter	
Optional	199 Independent Study in Video-Optional Studio Access/Rental	\$ 50.00 per lab/quarter	studio access fee*
Optional	Optional Color Photo Studio Fee	\$ 75.00 per lab/quarter	for use of photo studio access
Optional	Optional Equipment Rental - Basic Photography (71A, 71B)	\$ 20.00 per lab/quarter	equipment user fee***
Optional	Optional Equipment Rental - Inter/Adv/Color Photo	\$ 35.00 per lab/quarter	equipment user fee***

\*for access to studio editing equipment

\*\*\*for check-out of equipment

+New for 2017-18

++Revised for 2017-18

**APPROVED COURSE MATERIALS AND SERVICES FEES**

IRVINE CAMPUS

Effective for 2017-18<sup>+</sup>

COURSE	APPROVED FEE LEVEL	NOTES
<b>SCHOOL OF BIOLOGICAL SCIENCES</b>		
<b>DEPARTMENT OF DEVELOPMENTAL AND CELL BIOLOGY</b>		
The fees cover expendable materials/supplies and animal specimens		
D170 Applied Human Anatomy	\$ 33.00 per lab, course/quarter	
<b>DEPARTMENT OF ECOLOGY AND EVOLUTIONARY BIOLOGY</b>		
The fees cover expendable materials, field trips, etc.		
9E Horticulture Science	\$ 30.00 per lab/quarter	
E120 Marine Biology	\$ 7.50 per course/quarter	
E175 Restoration Biology	\$ 36.00 per lab/quarter	
E184 Ecology and Diversity of Insects	\$ 55.00 per lab/quarter	
<b>SCHOOL OF BIOLOGICAL SCIENCES LAB FEES</b>		
The fees cover expendable lab supplies, chemical waste, vivarium, photocopy, etc.		
Temp rev. 111L Dev & Cell Biology Lab	\$ 70.00 per lab/quarter	Temporarily rev. fr. \$102.00 to \$70.00
+REVISED 113L Neurobiology Lab	\$ 65.00 per lab/quarter	Temporarily rev. fr. \$75.00 to \$65.00
114L Biochemistry Lab	\$ 75.00 per lab/quarter	
115L Evolution Lab	\$ 25.00 per lab/quarter	
Not active 185 Plant-Animal Interactions	\$ 25.00 per lab/quarter	Currently not an active course
Fee susp. M116L Molecular Biology Lab	\$ 90.00 per lab/quarter	1 yr. temp. susp. eff. fall 2017
Fee susp. M118L Experimental Microbiology Lab	\$ 85.00 per lab/quarter	2 yr. temp. susp. eff. fall 2017
M121L Advanced Immunology Lab	\$ 100.00 per lab/quarter	Reinstated in Spr15; replaces 127L
Not active 127L Virology and Immunology Lab	\$ 200.00 per lab/quarter	Was 121L/124L; not an active course
M130L Advanced Molecular Biology Lab Techniques	\$ 100.00 per lab/quarter	
Not active E157 Comparative Vertebrate Anatomy	\$ 25.00 per lab/quarter	Currently not an active course
Fee susp. E112L Physiology Lab	\$ 30.00 per lab/quarter	Temporarily suspended
E166L Field Biology	\$ 70.00 per lab/quarter	
Fee susp. E179L Freshwater Field Ecology Lab	\$ 12.00 per lab/quarter	Temporarily suspended

+Revised for 2017-18

**APPROVED COURSE MATERIALS AND SERVICES FEES**

IRVINE CAMPUS

Effective for 2017-18<sup>+</sup>

---

<b>COURSE</b>	<b>APPROVED FEE LEVEL</b>	<b>NOTES</b>
<b>PAUL MERAGE SCHOOL OF BUSINESS - FULL-TIME MBA</b>		
The fee covers the cost assessment testing and scoring		
229 Leadership Strategies	\$ 100.00 per course/per quarter	
<b>PAUL MERAGE SCHOOL OF BUSINESS - FULL-TIME MBA</b>		
The fee covers the cost of an international residential course.		
190 International Residential (undergraduate)	\$ 1,500.00 per student	
290 International Business (graduate)	\$ 2,000.00 per student	

APPROVED COURSE MATERIALS AND SERVICES FEES

IRVINE CAMPUS

Effective for 2017-18<sup>+</sup>

---

COURSE	APPROVED FEE LEVEL	NOTES
<b>SCHOOL OF EDUCATION</b>		
The fee covers consumable art supplies		
EDU 104D Preparation for Teaching Fine Arts in K-12 Schools	\$ 10.00 per course/quarter	
EDU 137 Art in the Elementary School	\$ 10.00 per course/quarter	
EDU 161 Discovering Science in Out-of-School Hours	\$ 32.00 per course/quarter	
EDU 325 - Intro Teaching Visual & Performing Arts in Elem Sch	\$ 10.00 per course/quarter	
*REVISED EDU 363 - Methods for Integrating Visual & Performing Arts throughout Elementary School	\$ 10.00 per course/quarter	Replaces 357-Adv Teach Visual & Perf Arts in Elem Sch

\* Revised for 2017-18

**APPROVED COURSE MATERIALS AND SERVICES FEES**

IRVINE CAMPUS

Effective for 2017-18<sup>+</sup>

COURSE	APPROVED FEE LEVEL	NOTES
<b>HENRY SAMUELI SCHOOL OF ENGINEERING</b>		
<b>ENGINEERING</b>		
The fees cover expendable consumable supplies and materials		
ENGR 7A Introduction to Engineering I	\$ 53.00 per course/quarter	
ENGR 7B Introduction to Engineering II	\$ 53.00 per course/quarter	
ENGR 54 Principals of Materials Science and Engineering	\$ 25.00 per course/quarter	
ENGR 100 Special Topics in Fabrication Safety	\$ 40.00 per course/quarter	
<b>DEPARTMENT OF BIOMEDICAL ENGINEERING</b>		
The fees cover expendable lab supplies and materials/components for fabrication		
BME 60A Engineering Analysis/Design - Data Analysis	\$ 45.00 per course/quarter	
BME 60B Engineering Analysis/Design - Data Acquisition	\$ 45.00 per course/quarter	
BME 60C Engineering Analysis/Design - Computer-Aided Design	\$ 45.00 per course/quarter	
BME 140 Design of Biomedical Electronics	\$ 52.00 per lab/quarter	
BME 170 Biomedical Engineering Lab	\$ 110.00 per lab/quarter	
BME 180A Biomedical Engineering Design	\$ 134.00 per lab/quarter	
BME 180B Biomedical Engineering Design	\$ 134.00 per lab/quarter	
BME 180C Biomedical Engineering Design	\$ 134.00 per lab/quarter	
<b>DEPARTMENT OF CHEMICAL ENGINEERING AND MATERIALS SCIENCE</b>		
The fees cover expendable lab supplies, waste disposal		
CBEMS 50L Principals of Materials Science and Engineering	\$ 72.50 per lab/quarter	
CBEMS 140A Chemical Engineering Lab I	\$ 34.00 per lab/quarter	
CBEMS 140B Chemical Engineering Lab II	\$ 52.00 per lab/quarter	
CBEMS 155L Mechanical Behavior Lab	\$ 48.00 per course/quarter	
CBEMS 160 Advanced Lab in Chemistry & Synthesis of Materials	\$ 50.00 per lab/quarter	
CBEMS 164 X-ray Diffraction, Electron Microscopy & Microanalysis	\$ 81.00 per course/quarter	
CBEMS 189A Senior Design Project I	\$ 55.00 per course/quarter	Replaces CBEMS 189
CBEMS 189B Senior Design Project II	\$ 55.00 per course/quarter	Replaces CBEMS 189
CBEMS 189C Senior Design Project III	\$ 55.00 per course/quarter	Replaces CBEMS 189
<b>DEPARTMENT OF CIVIL &amp; ENVIRONMENTAL ENGINEERING</b>		
The fees cover expendable lab supplies, waste disposal, vehicle rental for field trips		
ENGRCEE 81A Civil Engineering Practicum I	\$ 50.00 per course/quarter	
ENGRCEE 81B Civil Engineering Practicum II	\$ 50.00 per course/quarter	
ENGRCEE 130L Soil Mechanics Lab	\$ 27.00 per lab/quarter	
ENGRCEE 150L Mechanics of Materials Lab	\$ 32.00 per lab/quarter	
ENGRCEE 151C Reinforced Concrete Design	\$ 42.00 per course/quarter	
ENGRCEE 162 Introduction to Environmental Chemistry	\$ 34.00 per course/quarter	
ENGRCEE 163 Biological Treatment Process Design	\$ 15.00 per course/quarter	
ENGRCEE 171 Water Resources Engineering	\$ 24.00 per course/quarter	
<b>DEPARTMENT OF ELECTRICAL ENGINEERING &amp; COMPUTER SCIENCE</b>		
The fees cover expendable lab supplies		
EECS 70LB Network Analysis II Lab	\$ 15.00 per lab/quarter	
EECS 152B/CSE 135B Digital Signal Processing Design and Lab	\$ - per lab/quarter	
EECS 159A Senior Design Project I	\$ 16.00 per course/quarter	Replaces 129A & 189A; cross listed w/CSE 181A
EECS 159B Senior Design Project II	\$ 18.00 per course/quarter	Replaces 129B & 189B; cross listed w/CSE 181B
EECS 160LA Control Systems I Lab	\$ 18.00 per lab/quarter	
EECS 163L Power Systems Lab	\$ 7.00 per lab/quarter	
EECS 166A Industrial and Power Electronics (u/g)	\$ 21.00 per course/quarter	
EECS 170 LC Electronics III Lab	\$ 17.00 per lab/quarter	
EECS 267A Industrial and Power Electronics (grad)	\$ 14.00 per course/quarter	
EECS 275B Very Large Scale Integration Project Testing	\$ 26.00 per course/quarter	
CSE 181A Sr. Design Project in Computer Sci & Engineering	\$ 16.00 per course/quarter	Cross listed with EECS 159A
CSE 181B Sr. Design Project in Computer Sci & Engineering	\$ 18.00 per course/quarter	Cross listed with EECS 159A

**APPROVED COURSE MATERIALS AND SERVICES FEES**

IRVINE CAMPUS

Effective for 2017-18<sup>+</sup>

COURSE	APPROVED FEE LEVEL	NOTES
<b>DEPARTMENT OF MECHANICAL &amp; AEROSPACE ENGINEERING</b>		
The fees cover expendable lab supplies		
ENGR165/265	\$ 47.00 per course/quarter	
ENGRMAE 60 Electrical Circuits	\$ 10.00 per course/quarter	Replaces ENGRMAE 180
*REVISED ENGRMAE 93 Design Project	\$ 14.00 per course/quarter	Replaces ENGR 98
ENGRMAE 106 Mechanical Systems Lab	\$ 100.00 per lab/quarter	
ENGRMAE 107 Fluid Thermal Lab	\$ 7.00 per lab/quarter	
ENGRMAE 150L Mechanics of Structures Lab	\$ 50.00 per lab/quarter	
*REVISED ENGRMAE 151 Mechanical Engineering Design	\$ 35.00 per course/quarter	
ENGRMAE 189 I,II,III Senior Project - Special Topics - All sections	\$ 160.00 per course/quarter	
*REVISED ENGRMAE 193 Topics in MAE Design	\$ 100.00 per course/quarter	Replaces ENGRMAE 195 I, II, III
ENGRMAE 195 - Additive Manufacturing and 3D Printing	\$ 100.00 per course/quarter	

\* Revised for 2017-18

**APPROVED COURSE MATERIALS AND SERVICES FEES**

IRVINE CAMPUS

Effective for 2017-18<sup>+</sup>

---

<b>COURSE</b>	<b>APPROVED FEE LEVEL</b>	<b>NOTES</b>
<b>DEPARTMENT OF PHARMACEUTICAL SCIENCES</b>		
The fees cover expendable lab supplies and chemical waste disposal.		
177L Medicinal Chemistry	\$ 75.00 per lab/quarter	Cross listing for Chemistry CMSF; collected by Pharm Sci
174L Biopharmaceutics & Nanomedicine Lab	\$ 75.00 per lab/qtr	

**APPROVED COURSE MATERIALS AND SERVICES FEES**

IRVINE CAMPUS

Effective for 2017-18<sup>+</sup>

COURSE	APPROVED FEE LEVEL	NOTES
<b><i>CURRENTLY SUSPENDED</i></b>		
<b>SCHOOL OF HUMANITIES PROGRAM IN FILM STUDIES</b>		
The fees are used primarily for extraordinary film, video, laser disc rental.		
Not active 85A-B-C Image Culture	\$ 9.00 per course/quarter	Currently not an active CMSF
Not active 101A-B-C History of Film	\$ 9.00 per course/quarter	Currently not an active CMSF
Not active 110 Film and Media Theory	\$ 9.00 per course/quarter	Currently not an active CMSF
Not active 112 Film Genre	\$ 9.00 per course/quarter	Currently not an active CMSF
Not active 113 Film/Narrative/Image	\$ 9.00 per course/quarter	Currently not an active CMSF
Not active 114 Film and the Other Arts	\$ 9.00 per course/quarter	Currently not an active CMSF
Not active 115 Film Authorship	\$ 9.00 per course/quarter	Currently not an active CMSF
Not active 117A-B-C Screen/Script Writing	\$ 9.00 per course/quarter	Currently not an active CMSF
Not active 120A-B-C Production	\$ 9.00 per course/quarter	Currently not an active CMSF
Not active 130 Multicultural Topics in the Media	\$ 9.00 per course/quarter	Currently not an active CMSF
Not active 139 Writing About Film	\$ 9.00 per course/quarter	Currently not an active CMSF
Not active 160 National Cinemas	\$ 9.00 per course/quarter	Currently not an active CMSF
Not active 185 Television and New Media	\$ 9.00 per course/quarter	Currently not an active CMSF
Not active 190 Special Topics in Film and Modern Media	\$ 9.00 per course/quarter	Currently not an active CMSF
Not active 197 Professional Internship	\$ 9.00 per course/quarter	Currently not an active CMSF
Not active 198 Creative Project	\$ 9.00 per course/quarter	Currently not an active CMSF
Not active 199 Directed Research	\$ 9.00 per course/quarter	Currently not an active CMSF

**APPROVED COURSE MATERIALS AND SERVICES FEES**

IRVINE CAMPUS

Effective for 2017-18<sup>+</sup>

---

<b>COURSE</b>	<b>APPROVED FEE LEVEL</b>	<b>NOTES</b>
<b>BREN SCHOOL OF INFORMATION AND COMPUTER SCIENCES</b>		
The fees cover the cost of consumable supplies and materials for 3-D printing projects.		
INF 134 Projects in User Interaction Software	\$ 50.00 per course/quarter	
INF 148 Ubiquitous Computing	\$ 50.00 per course/quarter	

**APPROVED COURSE MATERIALS AND SERVICES FEES**

IRVINE CAMPUS

Effective for 2017-18<sup>+</sup>

COURSE	APPROVED FEE LEVEL	NOTES
<b>SCHOOL OF PHYSICAL SCIENCES DEPARTMENT OF CHEMISTRY LAB FEES</b>		
The fees cover expendable supplies (chemicals, glassware, gases, chemical waste disposal).		
1LC-LD- LE General Chem Lab	\$ 50.00 per lab/quarter	Eff. AY 2012/13, 1LD replaced 1LB, which was eliminated in 2011-12; course description remains the same
H2LA-LB-LC Honors General Chem Lab	\$ 50.00 per lab/quarter	Same as H2LA, LB, LC but targeted to majors only
M2LA-LB-LC Majors Only/General Chem Lab	\$ 50.00 per lab/quarter	replaces 151L
**REVISED M3LC-Majors Only Quantitative Analytical Chem Lab	\$ 100.00 per lab/quarter	Eff. Fall 2012, 51LD replaces 51LA; course description remains the same
**REVISED 51LB-LC-LD Organic Chem Lab	\$ 75.00 per lab/quarter	
H52LA-LB-LC Organic Chem Lab	\$ 50.00 per lab/quarter	Same as H52LA, LB, LC but targeted to majors only
**REVISED M52LA-LB-LC Majors Only/Organic Chem Lab	\$ 75.00 per lab/quarter	
**REVISED 107L Inorganic Chemistry Lab	\$ 75.00 per lab/quarter	
**REVISED 128L Intro to Chemical Biology Lab	\$ 75.00 per lab/quarter	
**REVISED 133L Nuclear and Radiochemistry Laboratory	\$ 50.00 per lab/quarter	Replaces 170
137 Computational Chemistry	\$ 50.00 per lab/quarter	
138 Intro to Computational Organic Chem	\$ 50.00 per lab/quarter	
**REVISED 152 Advanced Analytical Chem	\$ 100.00 per lab/quarter	Concurrently taught w/Chem 16
**REVISED 153 Physical Chemistry Lab	\$ 100.00 per lab/quarter	
**REVISED 156 Advanced Lab in Chemistry & Synthesis of Materials	\$ 75.00 per lab/quarter	
**REVISED 160 Organic Synthesis Lab	\$ 100.00 per lab/quarter	
177L Medicinal Chemistry	\$ 75.00 per lab/quarter	Cross listing for Pharm Sci CMSF; collected by Pharm Sci
252-Special Topics in Physical Chemistry	\$ 50.00 per lab/quarter	
<b>**REVISED for 2017-18</b>		

**SCHOOL OF PHYSICAL SCIENCES DEPARTMENT OF EARTH SYSTEM SCIENCE**

The fees cover vehicle and fuel costs for local field trips

ESS 7 Physical Geology	\$ 10.00 per course/quarter	
ESS 114 Field Methods	\$ 25.00 per course/quarter	
ESS 115 Aquatic Field Methods	\$ 25.00 per course/quarter	
ESS 140 Advanced Geology	\$ 100.00 per course/quarter	
*NEW ESS 51 Field Methods Class	\$ 40.00 per course/quarter	

\* NEW for 2017-18

**SCHOOL OF PHYSICAL SCIENCES DEPARTMENT OF PHYSICS LAB FEES**

The fees cover expendable supplies (electronic parts, wire, gases, assembly of experiments).

3LB-LC Basic Physics Lab	\$ 25.00 per lab/quarter	
Not active 5LB-LC-LD-LE Fundamental Phys.	\$ 25.00 per lab/quarter	Currently not an active course
Not active 7LA-LB Classical Physics Lab	\$ 25.00 per lab/quarter	Currently not an active course
7LC Classical Physics Lab	\$ 25.00 per lab/quarter	
52A-B-C Fundamentals of Physics (FWS)	\$ 25.00 per lab/quarter	
120 Electronics for Scientists	\$ 25.00 per lab/quarter	
121 Advanced Lab I	\$ 25.00 per lab/quarter	
Not active 122 Advanced Lab II	\$ 25.00 per lab/quarter	Currently not an active course
Not active 123 Advanced Lab III	\$ 25.00 per lab/quarter	Currently not an active course
206 Laboratory Skills	\$ 25.00 per lab/quarter	

**APPROVED COURSE MATERIALS AND SERVICES FEES**

IRVINE CAMPUS

Effective for 2017-18<sup>+</sup>

---

<b>COURSE</b>	<b>APPROVED FEE LEVEL</b>	<b>NOTES</b>
<b>DIVISION OF UNDERGRADUATE EDUCATION</b>		
The fees cover assessment tool cost		
University Studies 1 Freshmen Experience	\$ 10.00 per course/quarter	
University Studies 192 Group Project for Discussion Leaders	\$ 10.00 per course/quarter	