

NOCCCD Extensive Laboratory Master Course List - Updated December 2024

<b>NOCCCD Extensive Laboratory Course List</b>					
Updated December 2024 to include Fall 2025 Approved Courses					
CYPRESS COLLEGE - pages 1 to 10					
FULLERTON COLLEGE - pages 11 to 21					
<b>Extensive Lab Designation Based on Mode of Instruction</b>					
Laboratory courses schedule as <b>in-person/on-campus</b> will receive the EL Designation and					
be compensated at 1 to 1 or 100% of a lecture hour.					
Laboratory courses schedule as <b>Synchronous or Asynchronous</b> will not					
receive the EL Designation and be compensated at .75 to 1 or 75% of a lecture hour.					
<b><u>Synchronous or Asynchronous</u></b> modes of instruction do not meet the following EL designation requirements.					
- EL courses require interactive involvement of the instructor. The instructor is required,					
by the nature of lab activities, to engage in extensive interaction with students in a structured manner.					
- Supervision of equipment maintenance, laboratory setup, acquisition of lab materials and supplies, field trip					
logistics, or preparation to ensure a safe environment conducive to learning.					
- Instructor is actively engaged in lab when students are performing lab activities.					
- Instructor is responsible for active facilitation of laboratory learning.					
<b>CYPRESS COLLEGE</b>					
<u>Course Status</u>	<u>Effective</u>	<u>PfxNum</u>	<u>Course Name</u>	<u>Division</u>	<u>Campus</u>
Approved	Spring2024	AC/R 100 C	Principles of Thermodynamics and Heat	Career Technical Education	CC
Approved	Spring2024	AC/R 105 C	Electricity for Air Conditioning and Refi	Career Technical Education	CC
Approved	Fall 2023	AC/R 106 C	Electricity for Air Conditioning and Refi	Career Technical Education	CC
Approved	Fall 2023	AC/R 110 C	Air Conditioning I	Career Technical Education	CC
Approved	Fall 2023	AC/R 115 C	Gas Heat Transfer Systems	Career Technical Education	CC
Approved	Fall 2023	AC/R 135 C	Sustainability Design & Application	Career Technical Education	CC
Approved	Fall 2023	AC/R 137 C	Blueprints and Dimension Analysis	Career Technical Education	CC
Approved	Fall 2023	AC/R 140 C	Plumbing Principles and Practices	Career Technical Education	CC
Approved	Spring2024	AC/R 205 C	Commercial Air Conditioning	Career Technical Education	CC
Approved	Fall 2024	AC/R 210 C	Commercial Refrigeration	Career Technical Education	CC
Approved	Fall 2023	AC/R 215 C	Codes and Commissioning	Career Technical Education	CC
Approved	Fall 2024	AC/R 220 C	Introduction to Air Conditioning Control	Career Technical Education	CC
Approved	Spring2024	AC/R 230 C	Heat Pumps	Career Technical Education	CC

NOCCCD Extensive Laboratory Master Course List - Updated December 2024

Approved	Spring2024	AC/R 245 C	Load Calculations for Heating and Cool	Career Technical Education	CC
Approved	Fall 2023	ACR 020C	Auto Detail/Car Care	Career Technical Education	CC
Approved	Fall 2024	ACR 021C	Advance Auto Detail/Car Care	Career Technical Education	CC
Approved	Fall 2024	ACR 101	Auto Collision Repair Tech 1	Career Technical Education	CC
Approved	Fall 2024	ACR 102	Auto Collision Repair Tech 2	Career Technical Education	CC
Approved	Fall 2024	ACR 103	Auto Collision Repair Tech 3	Career Technical Education	CC
Approved	Fall 2024	ACR 104	Auto Collision Repair Tech 4	Career Technical Education	CC
Approved	Fall 2024	ACR 107	Refinishing Technician 1	Career Technical Education	CC
Approved	Fall 2024	ACR 108	Refinishing Technician 2	Career Technical Education	CC
Approved	Fall 2024	ACR 109	Refinishing Technician 3	Career Technical Education	CC
Approved	Fall 2024	ACR 130	Electrical Systems and Component Rep	Career Technical Education	CC
Approved	Fall 2024	ACR 140	Structural Alignment Repair	Career Technical Education	CC
Approved	Fall 2024	ACR 150	ACR Special Projects	Career Technical Education	CC
Approved	Fall 2023	ANTH 101 LC	Biological Anthropology Lab	Social Sciences	CC
Approved	Fall 2023	ANTH 231 C	Field Course in Archaeology I	Social Sciences	CC
Approved	Fall 2023	ANTH 232 C	Field Course in Archaeology II	Social Sciences	CC
Approved	Fall 2023	ART 120 C	Two-Dimensional Design	Visual and Performing Arts	CC
Approved	Fall 2023	ART 121 C	Three-Dimensional Design	Visual and Performing Arts	CC
Approved	Fall 2023	ART 123 C	Color Theory	Visual and Performing Arts	CC
Approved	Fall 2023	ART 130 C	Introduction to Printmaking	Visual and Performing Arts	CC
Approved	Fall 2023	ART 131 C	Intermediate Printmaking	Visual and Performing Arts	CC
Approved	Fall 2023	ART 146 C	Beginning Sculpture	Visual and Performing Arts	CC
Approved	Fall 2023	ART 147 C	Intermediate Sculpture	Visual and Performing Arts	CC
Approved	Fall 2023	ART 148 C	Introduction to Craft	Visual and Performing Arts	CC
Approved	Fall 2023	ART 150 C	Beginning Handbuilding	Visual and Performing Arts	CC
Approved	Fall 2023	ART 151 C	Beginning Wheel-Throwing	Visual and Performing Arts	CC
Approved	Fall 2023	ART 152 C	Technical and Conceptual Ceramics	Visual and Performing Arts	CC
Approved	Fall 2023	ART 153 C	Ceramic Studio Exploration	Visual and Performing Arts	CC
Approved	Fall 2023	ART 154 C	Ceramic Aesthetics and Finishes	Visual and Performing Arts	CC
Approved	Fall 2023	ART 161C	Introduction to Gallery Studies	Visual and Performing Arts	CC
Approved	Fall 2023	ART 162 C	Intermediate Gallery Studies	Visual and Performing Arts	CC
Approved	Fall 2023	ART 166 C	Contemporary Art Studio	Visual and Performing Arts	CC
Approved	Fall 2023	ART 174C	Jewelry Design	Visual and Performing Arts	CC
Approved	Fall 2023	ART 175C	Metalsmithing	Visual and Performing Arts	CC

NOCCCD Extensive Laboratory Master Course List - Updated December 2024

Approved	Fall 2023	ART 182 C	Beginning Drawing	Visual and Performing Arts	CC
Approved	Fall 2023	ART 183 C	Intermediate Drawing	Visual and Performing Arts	CC
Approved	Fall 2023	ART 184 C	Advanced Drawing	Visual and Performing Arts	CC
Approved	Fall 2023	ART 185 C	Beginning Life Drawing	Visual and Performing Arts	CC
Approved	Fall 2023	ART 186 C	Intermediate Life Drawing	Visual and Performing Arts	CC
Approved	Fall 2023	ART 187 C	Advance Life Drawing	Visual and Performing Arts	CC
Approved	Fall 2023	ART 191 C	Life Painting	Visual and Performing Arts	CC
Approved	Fall 2023	ART 193 C	Portrait Painting	Visual and Performing Arts	CC
Approved	Fall 2023	ART 194 C	Beginning Painting	Visual and Performing Arts	CC
Approved	Fall 2023	ART 195 C	Intermediate Painting	Visual and Performing Arts	CC
Approved	Fall 2023	ART 196 C	Advanced Painting	Visual and Performing Arts	CC
Approved	Fall 2023	ART 197 C	Beginning Watercolor	Visual and Performing Arts	CC
Approved	Fall 2023	ART 244 C	Illustration	Visual and Performing Arts	CC
Approved	Fall 2023	ASTR 117 C	Astronomy Laboratory	Visual and Performing Arts	CC
Approved	Fall 2023	ASTR 117HC	Astronomy Laboratory	Visual and Performing Arts	CC
Approved	Fall 2024	AT 050	Automotive Special Projects	Career Technical Education	CC
Approved	Fall 2023	AT 105 C	Automotive Electrical 1	Career Technical Education	CC
Approved	Fall 2023	AT 106 C	Automotive Electrical II	Career Technical Education	CC
Approved	Fall 2023	AT 109 C	T-TEN Introduction to Toyota Technolo	Career Technical Education	CC
Approved	Fall 2023	AT 110	Introduction to Automotive	Career Technical Education	CC
Approved	Fall 2023	AT 115	automotive air conditioning	Career Technical Education	CC
Approved	Fall 2023	AT 120	Auto Engine Repair and Machining	Career Technical Education	CC
Approved	Fall 2023	AT 130	Auto Chassis and Brake Systems	Career Technical Education	CC
Approved	Fall 2023	AT 140	Auto Drivetrains/Transmissions	Career Technical Education	CC
Approved	Fall 2023	AT 150	AT 150 Auto Performance and Driveab	Career Technical Education	CC
Approved	Fall 2023	AT 210	TTEN Internal Combustion Engines	Career Technical Education	CC
Approved	Fall 2023	AT 223	TTEN Transmission, Driveline, and Elec	Career Technical Education	CC
Approved	Fall 2023	AT 254	TTEN Brakes, Steering, Suspension and	Career Technical Education	CC
Approved	Fall 2023	AT 260 C	T-TEN Toyota Electrical Systems	Career Technical Education	CC
Approved	Fall 2023	AT 270	TTEN Climate Control Systems	Career Technical Education	CC
Approved	Fall 2023	AT 283 C	T-TEN ICE/HV/EV Diagnosis	Career Technical Education	CC
Approved	Fall 2024	ATC 196 C	Flight Simulator Private Pilot	Career Technical Education	CC
Approved	Fall 2024	ATC 197 C	Flight Simulator Instrument	Career Technical Education	CC
Approved	Fall 2024	ATC 198 C	Flight Simulator Commercial	Career Technical Education	CC

NOCCCD Extensive Laboratory Master Course List - Updated December 2024

Approved	Fall 2024	ATC 199 C	Flight Simulator Instructor	Career Technical Education	CC
Approved	Fall 2024	ATC 296 C	Flight Simulator Private Pilot Advanced	Career Technical Education	CC
Approved	Fall 2024	ATC 297 C	Flight Simulator	Career Technical Education	CC
Approved	Fall 2023	BIOL 101	GENERAL BIOLOGY	Science, Engineering, and Math	CC
Approved	Fall 2023	BIOL 101HC	GENERAL BIOLOGY HONORS	Science, Engineering, and Math	CC
Approved	Fall 2023	BIOL 122 C	Marine Biology	Science, Engineering, and Math	CC
Approved	Fall 2023	BIOL 135AC	Principles of Biology 1: Cell and Molecu	Science, Engineering, and Math	CC
Approved	Fall 2023	BIOL 135BC	Principles of Biology 2: Organismal Bio	Science, Engineering, and Math	CC
Approved	Fall 2023	BIOL 174 C	Biology of Cells and Tissues	Science, Engineering, and Math	CC
Approved	Fall 2023	BIOL 175C	Evolution and Biodiversity	Science, Engineering, and Math	CC
Approved	Fall 2023	BIOL 210	Anatomy & Physiology	Science, Engineering, and Math	CC
Approved	Fall 2023	BIOL 220	Medical Microbiology	Science, Engineering, and Math	CC
Approved	Fall 2023	BIOL 231	General Human Anatomy	Science, Engineering, and Math	CC
Approved	Fall 2023	BIOL 241 C	Human Physiology	Science, Engineering, and Math	CC
Approved	Fall 2023	BIOL 276C	Ecology and Physiology	Science, Engineering, and Math	CC
Approved	Fall 2023	CHEM 100C	Chemistry for Daily Life	Science, Engineering, and Math	CC
Approved	Fall 2023	CHEM 101C	CHEM 101	Science, Engineering, and Math	CC
Approved	Fall 2023	CHEM 104	Physical Science for Teachers	Science, Engineering, and Math	CC
Approved	Fall 2023	CHEM 107	Preparation for General Chemistry	Science, Engineering, and Math	CC
Approved	Fall 2023	CHEM 111AC	General Chemistry I	Science, Engineering, and Math	CC
Approved	Fall 2023	CHEM 111BC	General Chemistry II	Science, Engineering, and Math	CC
Approved	Fall 2023	CHEM 201C	Chemistry for Health Science Majors II	Science, Engineering, and Math	CC
Approved	Fall 2023	CHEM 211AC	Organic Chemistry I	Science, Engineering, and Math	CC
Approved	Fall 2023	CHEM 211BC	Organic Chemistry II	Science, Engineering, and Math	CC
Approved	Fall 2024	DA 16	Dental Materials	Health Science	CC
Approved	Fall 2023	DA 62	Preventive Dental Health	Health Science	CC
Approved	Fall 2025	DA 63	Chairside Assisting 1	Health Science Division	CC
Approved	Fall 2023	DA 65	Dental Radiology	Health Science	CC
Approved	Fall 2023	DA 66	Dental Radiology II	Health Science	CC
Approved	Fall 2023	DA 67	Dental Specialties	Health Science	CC
Approved	Fall 2023	DA 68	Chairside Assisting II	Health Science	CC
Approved	Fall 2023	DANC 105	Ballet I	Visual and Performing Arts	CC
Approved	Fall 2023	DANC 106	Ballet II	Visual and Performing Arts	CC
Approved	Fall 2023	DANC 116	Ballet III	Visual and Performing Arts	CC

NOCCCD Extensive Laboratory Master Course List - Updated December 2024

Approved	Fall 2023	DANC 141 C	Performance Class I	Visual and Performing Arts	CC
Approved	Fall 2023	DANC 142	Performance Class II	Visual and Performing Arts	CC
Approved	Fall 2023	DANC 143 C	Performance Class III	Visual and Performing Arts	CC
Approved	Fall 2023	DANC 144C	Performance Class IV	Visual and Performing Arts	CC
Approved	Fall 2023	DANC 205 C	Dance Ensemble	Visual and Performing Arts	CC
Approved	Fall 2023	DMS 160 C	Introduction to Sonography	Health Science	CC
Approved	Fall 2024	DMS 163 C	Scanning Lab I	Health Science	CC
Approved	Fall 2025	DMS 172	Sonography Externship	Health Science Division	CC
Approved	Fall 2023	DMS 175	Abdomen Sonography	Health Science	CC
Approved	Fall 2024	DMS 183 C	Scanning Lab II	Health Science	CC
Approved	Fall 2025	DMS 195	Carotid & Arterial Sonography	Health Science Division	CC
Approved	Fall 2025	DMS 207	Clinical Education I	Health Science Division	CC
Approved	Fall 2025	DMS 217	Clinical Education II	Health Science Division	CC
Approved	Fall 2025	DMS 227	Clinical Education III	Health Science Division	CC
Approved	Fall 2024	DMS 237	Clinical Education IV	Health Science Division	CC
Approved	Fall 2023	ENGR 102C	Engineering Design Graphics	Science, Engineering, and Math	CC
Approved	Fall 2023	ENGR 205C	Advanced 3D Solid Modeling and Simu	Science, Engineering, and Math	CC
Approved	Spring2024	ENGR 210	Electric Circuit Analysis	Science, Engineering, and Math	CC
Approved	Fall 2023	ENGR 220C	Programming and Problem-Solving in N	Science, Engineering, and Math	CC
Approved	Fall 2023	GEOL 101	Physical Geology Lab 101	Science, Engineering, and Math	CC
Approved	Fall 2023	GEOL 103C	Historical Geology	Science, Engineering, and Math	CC
Approved	Fall 2023	GEOL 105C	Earth Science for Teachers	Science, Engineering, and Math	CC
Approved	Fall 2023	GEOL 115	Geol 115 Physical Geology Field Lab	Science, Engineering, and Math	CC
Approved	Fall 2023	GEOL 131C	Intro to Oceanography Lab	Science, Engineering, and Math	CC
Approved	Fall 2023	GEOL 192C	Coastal Oceanography Field Studies	Science, Engineering, and Math	CC
Approved	Fall 2023	HRC 125	Restaurant Management	Career Technical Education	CC
Approved	Fall 2023	HRC 135	Culinary Fundamentals I	Career Technical Education	CC
Approved	Fall 2023	HRC 136	Baking Fundamentals 1	Career Technical Education	CC
Approved	Fall 2023	HRC 145	The Art of Garde Manger	Career Technical Education	CC
Approved	Fall 2023	HRC 155	Food Science	Career Technical Education	CC
Approved	Fall 2023	HRC 170	Beverage Management	Career Technical Education	CC
Approved	Fall 2023	HRC 235	Culinary Fundamentals II	Career Technical Education	CC
Approved	Fall 2023	HRC 236	Baking Fundamentals 2	Career Technical Education	CC
Approved	Fall 2023	HRC 246	Pastry Arts	Career Technical Education	CC

NOCCCD Extensive Laboratory Master Course List - Updated December 2024

Approved	Fall 2023	HRC 255	American Regional Cuisine	Career Technical Education	CC
Approved	Fall 2023	HRC 265	World Cuisine	Career Technical Education	CC
Approved	Fall 2024	KIN 110	Surfing	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 111C	Swimming	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 112C	Swimming Intermediate - Advanced	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 114C	Springboard Diving	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 115C	Springboard Diving - Intermediate - Ad	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 116C	Swim for Fitness	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 120	Kick-Boxing	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 121	Self Defense	Kinesiology/ Athletics	CC
Approved	Fall 2024	KIN 128 C	Yoga-Intermediate	Kinesiology/ Athletics	CC
Approved	Fall 2024	KIN 129 C	Yoga - Vinyasa	Kinesiology/ Athletics	CC
Approved	Fall 2024	KIN 130 C	Yoga-Beginning	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 131 C	Restorative and Gentle Yoga	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 132 C	Hatha Yoga	Kinesiology/ Athletics	CC
Approved	Fall 2024	KIN 132 C	Yoga-Hatha	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 134A C	Walking for Fitness - Beg	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 134B C	Walking for Fitness - Intermediate	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 134C C	Walking for Fitness - Advanced	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 135	Cardio-Step	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 136	Cardio-Step intermediate	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 138	Body Sculpting	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 139	Cardo Blast	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 140	Fitness Training	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 142	Power Training	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 143	Strength Training	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 144	Boot Camp Workout- Intermediate	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 145	Boot Camp Workout	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 146	Cardio Core	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 147	Body Building	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 148	Total Body Fitness	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 149	Weight Training and Lifting	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 150	Trail Hiking	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 151	Spinning-Beginning	Kinesiology/ Athletics	CC

NOCCCD Extensive Laboratory Master Course List - Updated December 2024

Approved	Fall 2023	KIN 152	Spinning-Intermediate	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 153	Spinning-advance	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 160 C	Beginning Badminton	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 161 C	Intermediate Badminton	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 162 C	Advanced Badminton	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 164 C	Beginning Bowling	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 165 C	Intermediate Bowling	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 166 C	Advanced Bowling	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 168 C	Beginning Tennis	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 169 C	Intermediate Tennis	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 170 C	Advanced Tennis	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 171 C	Beginning Golf	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 172 C	Intermediate Golf	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 173 C	Advanced Golf	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 174 C	Beginning Pickleball	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 175 C	Intermediate Pickleball	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 176 C	Advanced Pickle Ball	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 180 C	Beginning Futsal	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 181 C	Intermediate Futsal	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 182 C	Advanced Futsal	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 183 C	Volleyball - Beginning	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 184 C	Intermediate Volleyball	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 185 C	Advanced Volleyball	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 186 C	Beach Volleyball - Beginning	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 187 C	Beach Volleyball - Intermediate	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 188 C	Beach Volleyball - Advanced	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 189 C	Beginning Basketball	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 190	Intermediate Basketball	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 190 B	Advanced Basketball	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 193	Beginning Soccer	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 193 B	Intermediate Soccer	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 193 C	Advanced Soccer	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 194 C	Beginning Softball	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 195 AC	Baseball- Beginning	Kinesiology/ Athletics	CC

NOCCCD Extensive Laboratory Master Course List - Updated December 2024

Approved	Spring2024	KIN 195 BC	Baseball- Intermediate	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 195 CC	Baseball- Advanced	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 198 C	Athletic Weight Training	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 199	Conditioning for Athletes	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 200 C	Athletic Skill Development	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 201	Athletic Fitness Development	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 202	Intercollegiate Baseball	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 203 C	Intercollegiate Basketball-Men	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 204	Intercollegiate basketball- Women	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 205 C	Intercollegiate Beach Volleyball - Women	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 206 C	Men's Intercollegiate Golf	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 210	Intercollegiate Soccer- Mens	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 211	Intercollegiate Soccer- Women	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 212	Intercollegiate Softball	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 213C	Intercollegiate Swimming Men	Kinesiology/ Athletics	CC
Approved	Spring2024	KIN 214C	Intercollegiate Swimming	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 215	Intercollegiate Tennis	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 217 C	Intercollegiate Women's Volleyball	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 218C	Intercollegiate Water Polo Women	Kinesiology/ Athletics	CC
Approved	Fall 2024	KIN 219C	Intercollegiate Water Polo Men	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 274	Exercise Testing and Prescription	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 291	Yoga and the Physical Body	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 292 C	Yoga and the Subtle Body	Kinesiology/ Athletics	CC
Approved	Fall 2023	KIN 293	Yoga Teaching Methodology and Ethics	Kinesiology/ Athletics	CC
Approved	Fall 2023	MAD 107	Motion Design	Kinesiology/ Athletics	CC
Approved	Spring2024	MAD 112	Electronic Illustration	Visual and Performing Arts	CC
Approved	Fall 2023	MAD 182	Cinematography	Kinesiology/ Athletics	CC
Approved	Fall 2023	MAD 185	Documentary Film Production	Kinesiology/ Athletics	CC
Approved	Fall 2023	MAD 187	Motion Design II	Kinesiology/ Athletics	CC
Approved	Fall 2023	MAD 189	Cinematography II	Kinesiology/ Athletics	CC
Approved	Fall 2023	MAD 194	Beginning Motion Picture Production	Visual and Performing Arts	CC
Approved	Fall 2023	MAD 200	Storyboarding, Comics and Previz	Visual and Performing Arts	CC
Approved	Fall 2023	MAD 201	3D Typography	Visual and Performing Arts	CC
Approved	Fall 2023	MAD 207	Projection Design	Visual and Performing Arts	CC



NOCCCD Extensive Laboratory Master Course List - Updated December 2024

Approved	Fall 2023	MORT 201 C	Funeral Directing	Health Science	CC
Approved	Fall 2023	MORT 202 C	Funeral Service Administration I	Health Science	CC
Approved	Fall 2023	MORT 204 C	Funeral Service Administration II	Health Science	CC
Approved	Fall 2023	MORT 215 C	Embalming	Health Science	CC
Approved	Fall 2023	MORT 216 C	Restorative Art	Health Science	CC
Approved	Fall 2023	MORT 248 C	Thanatology	Health Science	CC
Approved	Fall 2023	MORT 288 C	Funeral Service Capstone	Health Science	CC
Approved	Fall 2023	MUS 108 C	Introduction to Music Technology	Visual and Performing Arts	CC
Approved	Fall 2023	MUS 124 C	Recording Studio I	Visual and Performing Arts	CC
Approved	Fall 2023	MUS 222C	Audio Production for Film I	Visual and Performing Arts	CC
Approved	Fall 2024	PHOT	Introduction to Digital Photography	VAPA	CC
Approved	Fall 2023	PHOT 101	Introduction to Photography	Visual and Performing Arts	CC
Approved	Fall 2023	PHOT 103	Intermediate Photography	Visual and Performing Arts	CC
Approved	Fall 2023	PHOT 104	Wedding and Event Photography	Visual and Performing Arts	CC
Approved	Fall 2023	PHOT 109	Portrait Photography	Visual and Performing Arts	CC
Approved	Fall 2023	PHOT 118	Available Light Photography	Visual and Performing Arts	CC
Approved	Fall 2023	PHOT 148	Photo Laboratory Studies I	Visual and Performing Arts	CC
Approved	Fall 2023	PHOT 149	Photo Laboratory Studies II	Visual and Performing Arts	CC
Approved	Fall 2023	PHOT 150	Photo Laboratory Studies III	Visual and Performing Arts	CC
Approved	Fall 2023	PHOT 202	Contemporary Photography	Visual and Performing Arts	CC
Approved	Fall 2023	PHOT 203	Studio Lighting Techniques	Visual and Performing Arts	CC
Approved	Fall 2023	PHOT 204	History of Photography	Visual and Performing Arts	CC
Approved	Fall 2023	PHOT 206	Studio Practices	Visual and Performing Arts	CC
Approved	Fall 2023	PHOT 215	Digital Photography	Visual and Performing Arts	CC
Approved	Fall 2023	PHOT 216	Advanced Digital Photography	Visual and Performing Arts	CC
Approved	Fall 2023	PHOT 219	Editorial Photography	Visual and Performing Arts	CC
Approved	Fall 2023	PHOT 220	Alternative Photo Process I	Visual and Performing Arts	CC
Approved	Fall 2023	PHOT 221	Alternative Photo Process II	Visual and Performing Arts	CC
Approved	Fall 2023	PHYS 104C	Physical Science for Teachers	Science, Engineering, and Math	CC
Approved	Fall 2023	PHYS 130 C	Elementary Physics	Science, Engineering, and Math	CC
Approved	Fall 2023	PHYS 201	College Physics I	Science, Engineering, and Math	CC
Approved	Fall 2023	PHYS 202	College Physics II	Science, Engineering, and Math	CC
Approved	Fall 2023	PHYS 210	Physics for Life Science Majors I	Science, Engineering, and Math	CC
Approved	Fall 2023	PHYS 211	Physics for Life Science Majors II	Science, Engineering, and Math	CC

NOCCCD Extensive Laboratory Master Course List - Updated December 2024

Approved	Fall 2023	PHYS 221	General Physics I	Science, Engineering, and Math	CC
Approved	Fall 2023	PHYS 222	General Physics II	Science, Engineering, and Math	CC
Approved	Fall 2023	PHYS 223	General Physics III	Science, Engineering, and Math	CC
Approved	Spring2024	PSY 202C	Research Methods in Psychology	Social Sciences	CC
Approved	Fall 2023	PT 110 C	Nursing Science I	Health Science	CC
Approved	Fall 2023	PT 115 C	Nursing Science II	Health Science	CC
Approved	Fall 2023	PT 120	Developmental Disabilities I	Health Science	CC
Approved	Fall 2023	PT 125	Developmental Disabilities II	Health Science	CC
Approved	Fall 2023	PT 130	Mental Disabilities I	Health Science	CC
Approved	Fall 2023	PT 135	Mental Disabilities II	Health Science	CC
Approved	Fall 2023	RADT 148	Radiology Imaging Techniques	Health Science	CC
Approved	Fall 2023	RADT 150	Radiographic Positioning I	Health Science	CC
Approved	Fall 2024	RADT 162	Radiology Special Procedures	Health Science	CC
Approved	Fall 2023	RADT 247	Radiographic Positioning II	Health Science	CC
Approved	Fall 2023	THEA 120	Acting I	Visual and Performing Arts	CC
Approved	Fall 2023	THEA 124	Acting II	Visual and Performing Arts	CC
Approved	Fall 2023	THEA 125	Acting III	Visual and Performing Arts	CC
Approved	Fall 2023	THEA 133	Rehearsal and Performance	Visual and Performing Arts	CC
Approved	Fall 2023	THEA 136	Rehearsal and Performance	Visual and Performing Arts	CC
Approved	Fall 2023	THEA 140	Introduction to Theatre Design	Visual and Performing Arts	CC
Approved	Fall 2023	THEA 144	Lighting Design for Theatre	Visual and Performing Arts	CC
Approved	Fall 2023	THEA 220	Acting IV	Visual and Performing Arts	CC
Approved	Fall 2023	THEA 225	Directing for the Theatre	Visual and Performing Arts	CC
Approved	Fall 2023	THEA 234	Rehearsal and Performance	Visual and Performing Arts	CC
Approved	Fall 2023	THEA 238	Rehearsal and Performance	Visual and Performing Arts	CC

NOCCCD Extensive Laboratory Master Course List - Updated December 2024

<b>FULLERTON COLLEGE</b>					
<u>Course Status</u>	<u>Effective</u>	<u>PfxNum</u>	<u>Course Name</u>	<u>Division</u>	<u>Campus</u>
Approved	Fall 2024	AUTO 130*	Automotive Powertrains	Technology and Engineering	FC
Approved	Fall 2024	AUTO 170*	Automotive Air Conditioning	Technology and Engineering	FC
Approved	Fall 2024	AUTO 181*	Fuel Systems & Advanced Drivability D	Technology and Engineering	FC
Approved	Fall 2024	AUTO 182*	Emission Control Systems & Advanced	Technology and Engineering	FC
Approved	Fall 2023	BIOL 190 LF	Introduction to Biotechnology Lab	Natural Sciences	FC
Approved	Fall 2023	BIOL 191F	Biotechnology A: Basic Laboratory Skill	Natural Sciences	FC
Approved	Fall 2023	BIOL 192F	Biotechnology B: Protein Biochemistry	Natural Sciences	FC
Approved	Fall 2023	BIOL 193 F	Biotechnology C: Molecular Biology	Natural Sciences	FC
Approved	Fall 2023	BIOL 196 F	Tissue Culture Methods	Natural Sciences	FC
Approved	Fall 2023	BIOL 272 F	Cell and Molecular Biology	Natural Sciences	FC
Approved	Fall 2023	BIOL 274F	General Ecology	Natural Sciences	FC
Approved	Fall 2023	CHEM 100 F	Chemistry for Daily Life	Natural Sciences	FC
Approved	Fall 2023	CHEM 101 F	Chemistry for Allied Health Science	Natural Sciences	FC
Approved	Fall 2023	CHEM 107 F	Preparation for General Chemistry	Natural Sciences	FC
Approved	Fall 2023	CHEM 111AF	General Chemistry I	Natural Sciences	FC
Approved	Fall 2023	CHEM 111BF	General Chemistry II	Natural Sciences	FC
Approved	Fall 2023	CHEM 201 F	Biochemistry for Allied Health Science	Natural Sciences	FC
Approved	Fall 2023	CHEM 211AF	Organic Chemistry I	Natural Sciences	FC
Approved	Fall 2023	CHEM 211BF	Organic Chemistry II	Natural Sciences	FC
Approved	Fall 2023	COSM 055AF	Cosmetology: Level 1	Technology and Engineering	FC
Approved	Spring2024	COSM 055AF	Cosmetology: Level 1	Technology and Engineering	FC
Approved	Fall 2023	COSM 055BF	Cosmetology: Level 2	Technology and Engineering	FC
Approved	Spring2024	COSM 055BF	Cosmetology: Level 2	Technology and Engineering	FC
Approved	Fall 2023	COSM 055CF	Cosmetology: Level 3	Technology and Engineering	FC
Approved	Fall 2023	COSM 055DF	Cosmetology: Level 4	Technology and Engineering	FC
Approved	Fall 2023	COSM 055EF	Cosmetology: Level 5	Technology and Engineering	FC
Approved	Fall 2023	COSM 060 F	Instructional Techniques in Cosmetolo	Technology and Engineering	FC
Approved	Fall 2023	COSM 062 F	Advanced Instructional Techniques in C	Technology and Engineering	FC
Approved	Fall 2023	CRTV 129	Broadcast News	Technology and Engineering	FC
Approved	Fall 2023	CRTV 145	Radio/TV Sports Broadcasting	Technology and Engineering	FC
Approved	Fall 2025	CRTV 150	Television Studio Production	Technology and Engineering	FC
Approved	Fall 2023	CRTV 157 F	Digital Production/Non-Linear Editing f	Technology and Engineering	FC

NOCCCD Extensive Laboratory Master Course List - Updated December 2024

Approved	Fall 2025	CRTV 160	Introduction to 16mm Film Production	Technology and Engineering	FC
Approved	Fall 2023	CRTV 164 F	Advanced Digital Production/Non-Line	Technology and Engineering	FC
Approved	Fall 2023	CRTV 235	On-Air Radio Broadcasting	Technology and Engineering	FC
Approved	Fall 2023	DANC 102 F	Conditioning for Dance	Physical Education	FC
Approved	Fall 2024	DANC 103 F	Dance Technique I	Fine Arts	FC
Approved	Fall 2024	DANC 104 F	Dance Technique II	Fine Arts	FC
Approved	Fall 2024	DANC 111 F	Jazz I	Fine Arts	FC
Approved	Fall 2024	DANC 112 F	Jazz II	Fine Arts	FC
Approved	Fall 2024	DANC 113 F	Tap Dance I	Fine Arts	FC
Approved	Fall 2024	DANC 114 F	Tap Dance II	Fine Arts	FC
Approved	Fall 2024	DANC 115 F	Hip Hop Dance I	Fine Arts	FC
Approved	Fall 2024	DANC 116 F	Social Dance	Fine Arts	FC
Approved	Fall 2024	DANC 119 F	Dance for Theatre	Fine Arts	FC
Approved	Fall 2024	DANC 122 F	Middle Eastern Dance	Fine Arts	FC
Approved	Fall 2024	DANC 130F	Afro - Caribbean	Fine Arts	FC
Approved	Fall 2024	DANC 132F	Flamenco Dance 1	Fine Arts	FC
Approved	Fall 2023	DANC 140 F	Introduction to Ballet	Physical Education	FC
Approved	Fall 2024	DANC 141 F	Beginning Ballet	Fine Arts	FC
Approved	Fall 2024	DANC 142 F	Ballet II:Advance Beginning Ballet	Fine Arts	FC
Approved	Fall 2024	DANC 143 F	Ballet III: Intermediate Ballet	Fine Arts	FC
Approved	Fall 2024	DANC 150 F	Commercial Dance	Fine Arts	FC
Approved	Fall 2024	DANC 151 F	Latin Jazz	Fine Arts	FC
Approved	Fall 2024	DANC 160 F	Introduction to Modern Dance	Fine Arts	FC
Approved	Fall 2024	DANC 161 F	Beginning Modern Dance	Fine Arts	FC
Approved	Fall 2024	DANC 162 F	Advanced Beginning Modern Dance	Fine Arts	FC
Approved	Fall 2024	DANC 163 F	Intermediate Modern Dance	Fine Arts	FC
Approved	Fall 2024	DANC 202F	Dance Composition and Choreography	Fine Arts	FC
Approved	Fall 2024	DANC 203 F	Dance Production	Fine Arts	FC
Approved	Fall 2024	DANC 204 F	Dance Rehearsal and Performance	Fine Arts	FC
Approved	Fall 2024	DANC 205	Dance Ensemble	Fine Arts	FC
Approved	Fall 2024	DANC 214 F	Dance Repertory	Fine Arts	FC
Approved	Fall 2023	DRAF 140	AutoCAD for Industry	Technology and Engineering	FC
Approved	Fall 2023	DRAF 141 F	Adv. CAD For Industry	Technology and Engineering	FC
Approved	Fall 2023	DRAF 171 F	Fundamentals of Drafting	Technology and Engineering	FC

NOCCCD Extensive Laboratory Master Course List - Updated December 2024

Approved	Fall 2023	DRAF 944 F	Solidworks	Technology and Engineering	FC
Approved	Fall 2023	DRAF 945 F	Advanced Solidworks	Technology and Engineering	FC
Approved	Fall 2023	ENGR 101AF	Surveying I	Technology and Engineering	FC
Approved	Fall 2023	ENGR 203L	Electric Circuits Lab	Technology and Engineering	FC
Approved	Fall 2023	ENVS 105LF	Environmental Biology Lab	Natural Sciences	FC
Approved	Fall 2023	ESC 100FL	Physical Geology Laboratory	Natural Sciences	FC
Approved	Fall 2023	ESC 101FL	Earth Science Survey Laboratory	Natural Sciences	FC
Approved	Fall 2023	ESC 103F	Historical Geology	Natural Sciences	FC
Approved	Fall 2023	ESC 116L	Astronomy Laboratory	Natural Sciences	FC
Approved	Fall 2023	ESC 130 LF	Intro to Oceanography Field Experienc	Natural Sciences	FC
Approved	Fall 2023	FASH 085 F	Bridal and Special Occasion Wear	Technology and Engineering	FC
Approved	Fall 2023	FASH 088	CAD for Apparel	Technology and Engineering	FC
Approved	Fall 2023	FASH 090	Creative Serging: Overlock Machine	Technology and Engineering	FC
Approved	Fall 2023	FASH 093 F	Pattern, Alterations and Fitting	Technology and Engineering	FC
Approved	Fall 2023	FASH 101	Basic Sewing Techniques	Technology and Engineering	FC
Approved	Fall 2023	FASH 108 F	Flat Pattern Methods and Design I	Technology and Engineering	FC
Approved	Fall 2023	FASH 109 F	Flat Pattern Methods and Design II	Technology and Engineering	FC
Approved	Fall 2023	FASH 110	Flat Pattern Methods & Design III	Technology and Engineering	FC
Approved	Fall 2023	FASH 186	Workroom Sketch	Technology and Engineering	FC
Approved	Fall 2023	FASH 188	Apparel Production	Technology and Engineering	FC
Approved	Fall 2023	FASH 190	Pattern Grading	Technology and Engineering	FC
Approved	Fall 2023	FASH 201	Fashion Sewing	Technology and Engineering	FC
Approved	Fall 2023	FASH 202	Display & Visual Merchandising	Technology and Engineering	FC
Approved	Fall 2023	FASH 206 F	Textiles	Technology and Engineering	FC
Approved	Fall 2023	FASH 209 F	Draping	Technology and Engineering	FC
Approved	Fall 2023	FASH 211 F	Draping-Advanced	Technology and Engineering	FC
Approved	Fall 2023	FASH 240 F	Introduction to Fashion Styling and Cu	Technology and Engineering	FC
Approved	Fall 2023	FASH 255	Advanced Clothing Construction: Indus	Technology and Engineering	FC
Approved	Fall 2023	FASH 260	Fashion Forecasting	Technology and Engineering	FC
Approved	Fall 2023	FASH 284 F	Fashion Design	Technology and Engineering	FC
Approved	Fall 2023	FASH 285 F	Advanced Fashion Design	Technology and Engineering	FC
Approved	Fall 2023	FASH 288	Advanced CAD for apparel	Technology and Engineering	FC
Approved	Fall 2023	FASH 297	Fashion Design Portfolio	Technology and Engineering	FC
Approved	Fall 2023	FASH 975 F	Collections	Technology and Engineering	FC

NOCCCD Extensive Laboratory Master Course List - Updated December 2024

Approved	Fall 2023	FASH 976 F	Men's Patternmaking	Technology and Engineering	FC
Approved	Fall 2023	FOOD 102 F	Introduction to Foods	Natural Sciences	FC
Approved	Fall 2023	FOOD 130	Cultural Aspects of Food	Natural Sciences	FC
Approved	Fall 2023	FOOD 160	Foods for Fitness	Natural Sciences	FC
Approved	Fall 2023	FOOD 170	Vegetarian Cooking and Nutrition	Natural Sciences	FC
Approved	Spring2024	GEOG 102LF	Physical Geography Lab	Social Sciences	FC
Approved	Fall 2023	HORT 001	Principles of Horticulture I	Natural Sciences	FC
Approved	Fall 2023	HORT 002	Principles of Horticulture II	Natural Sciences	FC
Approved	Fall 2023	HORT 152F	Applied Botany	Natural Sciences	FC
Approved	Fall 2023	HORT 153F	Landscape Irrigation	Natural Sciences	FC
Approved	Fall 2023	HORT 154F	Irrigation Design	Natural Sciences	FC
Approved	Fall 2023	HORT 155F	Soils	Natural Sciences	FC
Approved	Fall 2025	HORT 156	Plant Nutrition	Natural Sciences	FC
Approved	Fall 2023	HORT 165	Landscape Management	Natural Sciences	FC
Approved	Fall 2023	HORT 173	Greenhouse and Nursery Production	Natural Sciences	FC
Approved	Fall 2023	HORT 174	Plant Propagation	Natural Sciences	FC
Approved	Fall 2025	HORT 188	Integrated Pest Management	Natural Sciences	FC
Approved	Fall 2025	HORT 205	Applied Entomology	Natural Sciences	FC
Approved	Fall 2025	HORT 207	Plant Pathology	Natural Sciences	FC
Approved	Fall 2025	HORT 219	CAD Applications in Horticulture	Natural Sciences	FC
Approved	Fall 2023	HORT 250	Permaculture Design	Natural Sciences	FC
Approved	Fall 2023	HORT 255	Hydroponics/Aquaponics	Natural Sciences	FC
Approved	Fall 2023	IDES 105	Interior Design Studio I	Technology and Engineering	FC
Approved	Fall 2023	IDES 110	Drafting for Interior Design	Technology and Engineering	FC
Approved	Fall 2023	IDES 130	Applied Color & Design Theory	Technology and Engineering	FC
Approved	Fall 2023	IDES 170	SPACE PLANNING I	Technology and Engineering	FC
Approved	Fall 2023	IDES 175	SPACE PLANNING II	Technology and Engineering	FC
Approved	Fall 2023	IDES 200	Interior Illustration I	Technology and Engineering	FC
Approved	Fall 2023	IDES 225	Interior Illustration II	Technology and Engineering	FC
Approved	Fall 2023	JOUR 132 F	Introduction to Magazine Production	Technology and Engineering	FC
Approved	Fall 2025	JOUR 210	Multimedia Journalism	Technology and Engineering	FC
Approved	Fall 2023	JOUR 222 F	Introduction to News Media Productio	Technology and Engineering	FC
Approved	Fall 2023	MACH 101 F	Introduction to Machine Tools	Technology and Engineering	FC
Approved	Fall 2023	MACH 102 F	Intermediate Machine Tools	Technology and Engineering	FC

NOCCCD Extensive Laboratory Master Course List - Updated December 2024

Approved	Fall 2023	MACH 103 F	Advanced Machine Tools	Technology and Engineering	FC
Approved	Fall 2023	MACH 104 F	Advanced Topics in Machine Technolo	Technology and Engineering	FC
Approved	Fall 2023	MACH 110 F	CNC Setup and Operation	Technology and Engineering	FC
Approved	Fall 2023	MACH 115 F	CNC Part Programming	Technology and Engineering	FC
Approved	Fall 2023	MACH 116F	Machine Tools	Technology and Engineering	FC
Approved	Fall 2023	MACH 120F	Advanced CNC Setup and Operation	Technology and Engineering	FC
Approved	Fall 2023	MACH 130F	Multiple Axis CNC Set and Ops	Technology and Engineering	FC
Approved	Fall 2023	MACH 140 F	CNC Swiss Set-up and Operation	Technology and Engineering	FC
Approved	Fall 2023	MACH 142 F	Advanced CNC Swiss Style Lathe Setup	Technology and Engineering	FC
Approved	Fall 2023	MACH 150 F	CNC Programming Using Mastercam	Technology and Engineering	FC
Approved	Fall 2023	MACH 152 F	Advanced CNC Programming Using Ma	Technology and Engineering	FC
Approved	Fall 2023	MACH 157 F	Computer Aided Manufacturing	Technology and Engineering	FC
Approved	Fall 2023	MACH 180 F	Introduction to Metrology	Technology and Engineering	FC
Approved	Fall 2023	MACH 182 F	Introduction to CMM Inspection and R	Technology and Engineering	FC
Approved	Fall 2023	MACH 184 F	Advanced CMM and Romer Arm Inspe	Technology and Engineering	FC
Approved	Fall 2023	MACH 185	CMM and Romer Arm Applications	Technology and Engineering	FC
Approved	Fall 2023	MICR 262 F	General Microbiology	Natural Sciences	FC
Approved	Fall 2023	MUS 102	Introduction to College Musicianship	Fine Arts	FC
Approved	Fall 2023	MUS 110	Electronic Music 1	Fine Arts	FC
Approved	Fall 2024	MUS 124 F	Recording Lab I - Beginning Techniques	Fine Arts	FC
Approved	Fall 2025	MUS 129	Songwriting	Fine Arts	FC
Approved	Fall 2023	MUS 170	Opera Workshop	Fine Arts	FC
Approved	Fall 2023	MUS 171	Opera Production Performance	Fine Arts	FC
Approved	Fall 2023	MUS 172	Opera Theatre Workshop	Fine Arts	FC
Approved	Fall 2023	MUS 180 F	Collegiate Chorale	Fine Arts	FC
Approved	Fall 2023	MUS 181 F	Women's Chorale	Fine Arts	FC
Approved	Fall 2023	MUS 206 F	Pop/Commercial Musicianship	Fine Arts	FC
Approved	Fall 2024	MUS 224 F	Recording Studio II: Intermediate Tech	Fine Arts	FC
Approved	Fall 2024	MUS 226	Recording Studio III: Advanced Technic	Fine Arts	FC
Approved	Spring2024	MUS 260 F	Guitar Ensemble	Fine Arts	FC
Approved	Fall 2025	MUS 261	String Ensemble	Fine Arts	FC
Approved	Fall 2024	MUS 262F	Woodwind Ensemble	Fine Arts	FC
Approved	Fall 2023	MUS 264 F	Percussion Ensemble	Fine Arts	FC
Approved	Spring2024	MUS 266 F	Jazz Combo	Fine Arts	FC

NOCCCD Extensive Laboratory Master Course List - Updated December 2024

Approved	Spring2024	MUS 271 F	Fullerton College Symphony	Fine Arts	FC
Approved	Fall 2024	MUS 273 F	Concert Band	Fine Arts	FC
Approved	Fall 2024	MUS 274 F	Symphonic Winds	Fine Arts	FC
Approved	Spring2024	MUS 276 F	Jazz Band	Fine Arts	FC
Approved	Fall 2023	MUS 277 F	Jazz Jab Band	Fine Arts	FC
Approved	Fall 2023	MUS 281 F	Concert Choir	Fine Arts	FC
Approved	Fall 2023	MUS 282 F	Fullerton College Master Chorale	Fine Arts	FC
Approved	Fall 2023	MUS 285	Chamber Singers	Fine Arts	FC
Approved	Fall 2023	MUS 286	Vocal Jazz Lab Singers	Fine Arts	FC
Approved	Fall 2023	MUS 287	Vocal Jazz Ensemble	Fine Arts	FC
Approved	Fall 2023	MUS 291	Electronic Music 2	Fine Arts	FC
Approved	Fall 2023	MUS 292 F	Electronic Music III	Fine Arts	FC
Approved	Fall 2023	MUSA 110	Fundamentals of Voice Training for No	Fine Arts	FC
Approved	Fall 2023	MUSA 111	Beginning Voice	Fine Arts	FC
Approved	Fall 2023	MUSA 112	Intermediate Voice I	Fine Arts	FC
Approved	Fall 2023	MUSA 113	Intermediate Voice II	Fine Arts	FC
Approved	Spring2024	MUSA 120	Beginning Guitar	Fine Arts	FC
Approved	Spring2024	MUSA 121	Intermediate Guitar	Fine Arts	FC
Approved	Fall 2023	MUSA 130	Introduction to Piano for Non-Music M	Fine Arts	FC
Approved	Fall 2023	MUSA 131	Keyboard Skills I	Fine Arts	FC
Approved	Fall 2023	MUSA 132	Keyboard Skills II	Fine Arts	FC
Approved	Fall 2023	MUSA 134F	Jazz Piano Repertoire & Technique 1	Fine Arts	FC
Approved	Fall 2023	MUSA 136	Beginning Piano Sight Reading	Fine Arts	FC
Approved	Fall 2025	MUSA 140	Introduction to Strings	Fine Arts	FC
Approved	Fall 2025	MUSA 141	Beginning Strings	Fine Arts	FC
Approved	Fall 2025	MUSA 142	Intermediate Strings	Fine Arts	FC
Approved	Fall 2024	MUSA 150F	Introduction to Woodwinds for Non-M	Fine Arts	FC
Approved	Fall 2024	MUSA 151F	Beginning Woodwinds	Fine Arts	FC
Approved	Fall 2024	MUSA 152F	Intermediate Woodwinds	Fine Arts	FC
Approved	Fall 2025	MUSA 170	Introduction to Percussion	Fine Arts	FC
Approved	Fall 2025	MUSA 172	Intermediate Percussion	Fine Arts	FC
Approved	Fall 2023	MUSA 191	Intermediate Vocal Styling and Improv	Fine Arts	FC
Approved	Fall 2023	MUSA 192	Intermediate Vocal Styling and Improv	Fine Arts	FC
Approved	Fall 2023	MUSA 210	Advanced Voice	Fine Arts	FC



NOCCCD Extensive Laboratory Master Course List - Updated December 2024

Approved	Fall 2023	MUSA 211	Advanced Voice - German Lieder	Fine Arts	FC
Approved	Fall 2023	MUSA 212	Advanced Voice - French MÃ©lodie	Fine Arts	FC
Approved	Fall 2023	MUSA 214	Advanced Voice - English and American	Fine Arts	FC
Approved	Spring2024	MUSA 220	Advanced Guitar I	Fine Arts	FC
Approved	Spring2024	MUSA 221	Advanced Guitar II	Fine Arts	FC
Approved	Spring2024	MUSA 223 F	Jazz Guitar - Scales and Arpeggios	Fine Arts	FC
Approved	Spring2024	MUSA 224 F	Jazz Guitar - Chords	Fine Arts	FC
Approved	Fall 2023	MUSA 231	Keyboard Skills III	Fine Arts	FC
Approved	Fall 2023	MUSA 232	Keyboard Skills IV	Fine Arts	FC
Approved	Fall 2023	MUSA 234F	Jazz Piano Repertoire & Technique II	Fine Arts	FC
Approved	Fall 2025	MUSA 240	Advanced Strings	Fine Arts	FC
Approved	Fall 2024	MUSA 250F	Advanced Woodwinds I	Fine Arts	FC
Approved	Fall 2024	MUSA 251F	Advanced Woodwinds II	Fine Arts	FC
Approved	Fall 2025	MUSA 270	Advanced Percussion I	Fine Arts	FC
Approved	Fall 2025	MUSA 271	Advanced Percussion II	Fine Arts	FC
Approved	Fall 2023	PE 101	Pickleball	Physical Education	FC
Approved	Fall 2023	PE 102 F	Yoga	Physical Education	FC
Approved	Fall 2023	PE 104	Spin	Physical Education	FC
Approved	Fall 2023	PE 105 F	Badminton	Physical Education	FC
Approved	Fall 2023	PE 108 F	Bowling	Physical Education	FC
Approved	Spring2024	PE 109 F	Intermediate Yoga	Physical Education	FC
Approved	Fall 2023	PE 111 F	Off-Season Track and Field	Physical Education	FC
Approved	Fall 2023	PE 112 F	Fencing	Physical Education	FC
Approved	Fall 2023	PE 114	High Intensity Interval Training	Physical Education	FC
Approved	Fall 2023	PE 115	Golf	Physical Education	FC
Approved	Fall 2023	PE 116 F	Off-Season Training Cross Country	Physical Education	FC
Approved	Fall 2023	PE 119	Beach Tennis	Physical Education	FC
Approved	Fall 2023	PE 121 F	Walking for Fitness	Physical Education	FC
Approved	Fall 2023	PE 126 F	Beach Volleyball	Physical Education	FC
Approved	Fall 2023	PE 139	Tennis	Physical Education	FC
Approved	Fall 2023	PE 141	Tennis Workshop	Physical Education	FC
Approved	Fall 2023	PE 144 F	Volleyball-Beginning	Physical Education	FC
Approved	Fall 2023	PE 145	Volleyball-Intermediate	Physical Education	FC
Approved	Fall 2023	PE 149 F	Swim for Fitness	Physical Education	FC

NOCCCD Extensive Laboratory Master Course List - Updated December 2024

Approved	Fall 2023	PE 158	Personalized Fitness	Physical Education	FC
Approved	Fall 2023	PE 160	Intermediate/Advanced Basketball	Physical Education	FC
Approved	Fall 2023	PE 161	Body Conditioning and Fitness	Physical Education	FC
Approved	Fall 2023	PE 162 F	Conditioning for Athletes-Strength	Physical Education	FC
Approved	Fall 2023	PE 163	Kickboxing	Physical Education	FC
Approved	Fall 2025	PE 167	Cardio Kickboxing	Physical Education	FC
Approved	Fall 2023	PE 168	Crossfit	Physical Education	FC
Approved	Fall 2023	PE 171	Soccer I	Physical Education	FC
Approved	Spring2024	PE 179 F	Spirit Squad	Physical Education	FC
Approved	Fall 2023	PE 180	Baseball	Physical Education	FC
Approved	Fall 2023	PE 181	PE Intermediate/Advanced Basketball	Physical Education	FC
Approved	Fall 2023	PE 183	Conditioning for Athletes	Physical Education	FC
Approved	Fall 2023	PE 185 F	Football - Defense	Physical Education	FC
Approved	Fall 2023	PE 186 F	Football - Offense	Physical Education	FC
Approved	Fall 2023	PE 188	Self Defense-Boxing	Physical Education	FC
Approved	Fall 2023	PE 189	Soccer II	Physical Education	FC
Approved	Fall 2023	PE 193F	Weight Training/Weight Lifting	Physical Education	FC
Approved	Fall 2023	PE 201	Athletic Conditioning Development	Physical Education	FC
Approved	Fall 2023	PE 202	Intercollegiate Baseball	Physical Education	FC
Approved	Fall 2023	PE 203	Intercollegiate Basketball	Physical Education	FC
Approved	Fall 2023	PE 204	Intercollegiate Basketball	Physical Education	FC
Approved	Fall 2023	PE 205 F	Intercollegiate Cross Country - Men and Women	Physical Education	FC
Approved	Fall 2023	PE 207	Intercollegiate Football	Physical Education	FC
Approved	Fall 2023	PE 208	Intercollegiate Golf	Physical Education	FC
Approved	Fall 2023	PE 209	Intercollegiate Soccer	Physical Education	FC
Approved	Fall 2023	PE 210	Intercollegiate Softball	Physical Education	FC
Approved	Fall 2023	PE 211	Intercollegiate Swimming	Physical Education	FC
Approved	Fall 2023	PE 214	Intercollegiate Tennis	Physical Education	FC
Approved	Fall 2023	PE 215 F	Intercollegiate Track and Field - Men/Women	Physical Education	FC
Approved	Fall 2023	PE 217 F	Intercollegiate Sand Volleyball-Women	Physical Education	FC
Approved	Fall 2023	PE 218 F	Intercollegiate Volleyball-Women's	Physical Education	FC
Approved	Fall 2023	PE 219	Intercollegiate Water Polo	Physical Education	FC
Approved	Fall 2023	PE 220	Intercollegiate Lacrosse	Physical Education	FC
Approved	Fall 2023	PE 221 F	Intercollegiate Men's Volleyball	Physical Education	FC

NOCCCD Extensive Laboratory Master Course List - Updated December 2024

Approved	Fall 2023	PE 223 F	Pilates Mat I	Physical Education	FC
Approved	Fall 2023	PE 224 F	Pilates Mat II	Physical Education	FC
Approved	Fall 2023	PE 225 F	Reformer	Physical Education	FC
Approved	Fall 2023	PE 226 F	Apparatus	Physical Education	FC
Approved	Spring2024	PE 227 F	Effective Teaching Methods For Pilates	Physical Education	FC
Approved	Spring2024	PE 228 F	Pilates Observation and Evaluation	Physical Education	FC
Approved	Spring2024	PE 229 F	Pilates Clinic	Physical Education	FC
Approved	Fall 2023	PE 230 F	Yoga Teaching Training Fundamentals	Physical Education	FC
Approved	Fall 2023	PE 231 F	Yoga Teaching Training Development	Physical Education	FC
Approved	Fall 2023	PE 234 F	Yoga Teaching Training Integration	Physical Education	FC
Approved	Fall 2023	PE 282	Theory of Softball	Physical Education	FC
Approved	Fall 2023	PE 286	Athletic Skill Development	Physical Education	FC
Approved	Fall 2023	PE 296	Off Season Athletics (Softball)	Physical Education	FC
Approved	Fall 2025	PHOT 101	INTRODUCTION TO PHOTOGRAPHY	Fine Arts	FC
Approved	Fall 2025	PHOT 104	WEDDING AND SPECIAL EVENTS PHOT	Fine Arts	FC
Approved	Fall 2025	PHOT 112	Introduction to Professional Digital Pho	Fine Arts	FC
Approved	Fall 2025	PHOT 114	Professional Portrait Photography I	Fine Arts	FC
Approved	Fall 2025	PHOT 214	Professional Portrait II	Fine Arts	FC
Approved	Fall 2025	PHOT 221	Studio Specialties I	Fine Arts	FC
Approved	Fall 2025	PHOT 222	Studio Specialties II	Fine Arts	FC
Approved	Fall 2025	PHOT 226	Video Capture for the Still Photograph	Fine Arts	FC
Approved	Fall 2025	PHOT 228	Introduction to Adobe Photoshop for P	Fine Arts	FC
Approved	Fall 2023	PHYS 130 F	Elementary Physics	Natural Sciences	FC
Approved	Fall 2023	PHYS 205 F	Physics for the Life Sciences I	Natural Sciences	FC
Approved	Fall 2023	PHYS 206 F	Physics for the Life Sciences II	Natural Sciences	FC
Approved	Fall 2023	PHYS 210F	Physics with Calculus for the Life Scien	Natural Sciences	FC
Approved	Fall 2023	PHYS 211 F	Physics with Calculus for the Life Scien	Natural Sciences	FC
Approved	Fall 2023	PHYS 221	General Physics I	Natural Sciences	FC
Approved	Fall 2023	PHYS 222 F	General Physics II	Natural Sciences	FC
Approved	Fall 2023	PHYS 223F	General Physics III	Natural Sciences	FC
Approved	Fall 2023	PSY 202	Research Methods	Social Sciences	FC
Approved	Fall 2024	PSY 202 HF	Honors Research Methods in Psycholo	Fine Arts	FC
Approved	Fall 2023	TECH 151	Applied Drone Piloting	Technology and Engineering	FC
Approved	Fall 2023	TECH 155	Applied Drone Lab	Technology and Engineering	FC

NOCCCD Extensive Laboratory Master Course List - Updated December 2024

Approved	Fall 2023	TECH 158	Advanced Drone Piloting Skills	Technology and Engineering	FC
Approved	Fall 2023	TECH 165	Aerial Mapping and Photogrammetry	Technology and Engineering	FC
Approved	Fall 2023	TECH 260	Multispectral and Hyperspectral Sensing	Technology and Engineering	FC
Approved	Fall 2024	THEA 121 F	Movement for Actors	Fine Arts	FC
Approved	Fall 2024	THEA 130 F	Acting Workshop	Fine Arts	FC
Approved	Fall 2024	THEA 131 F	Theatre Workshop	Fine Arts	FC
Approved	Fall 2024	THEA 134 F	Beginning Theatre Practicum	Fine Arts	FC
Approved	Fall 2024	THEA 180 F	Beginning Principles of Acting	Fine Arts	FC
Approved	Fall 2024	THEA 181 F	Intermediate Principles of Acting	Fine Arts	FC
Approved	Fall 2024	THEA 182 F	Advanced Principles of Acting I	Fine Arts	FC
Approved	Fall 2024	THEA 183 F	Advanced Principles of Acting II	Fine Arts	FC
Approved	Fall 2024	THEA 197 F	Introduction to Stage Combat	Fine Arts	FC
Approved	Fall 2024	THEA 198 F	Beginning Principles of Stage Combat	Fine Arts	FC
Approved	Fall 2025	THEA 200	Beginning Principles of Stage Combat	Fine Arts	FC
Approved	Fall 2025	THEA 201	Advanced Principles of Stage and Screen	Fine Arts	FC
Approved	Fall 2023	Weld 091AF	Industrial Welding Fundamentals	Technology and Engineering	FC
Approved	Fall 2023	Weld 091BF	Semi-Automatic Welding Applications	Technology and Engineering	FC
Approved	Fall 2023	WELD 091CF	Manual Arc Welding Fundamentals	Technology and Engineering	FC
Approved	Fall 2023	WELD 091DF	Structural Welding Certification	Technology and Engineering	FC
Approved	Fall 2023	WELD 096 F	Welding Inspection Technology	Technology and Engineering	FC
Approved	Fall 2023	WELD 098 F	Welding Fabrication Technology	Technology and Engineering	FC
Approved	Fall 2023	WELD 100 F	Introduction to Welding	Technology and Engineering	FC
Approved	Fall 2023	WELD 120 F	Gas Shielded Arc Welding	Technology and Engineering	FC
Approved	Fall 2025	WELD 250	Welding Supervision	Technology and Engineering	FC
		<i>* Updated</i>	<i>Course Numbers to Reflect Changes in</i>	<i>Curriculum</i>	

NOCCCD Extensive Laboratory Master Course List - Updated December 2024

<b>Extensive Lab Committee Membership - 24/25 and 25/26</b>				
Jeremy Peters		UF Representative - ELC Chair		
Kathleen Reiland		District Representative		
Cherry Li Bugg		District Representative		
Jose Ramon Nunez		District Representative		
George Bonnand		Faculty Representative		
Lenore Landis		Faculty Representative		
Liz Putman		Faculty Representative		
Pamela Lewin		Faculty Representative		
<b>Extensive Lab Committee Membership - 22/23 and 23/24</b>				
Jeremy Peters		UF Representative - ELC Chair		
Kathleen Reiland		District Representative		
Cherry Li Bugg		District Representative		
Jose Ramon Nunez		District Representative		
George Bonnand		Faculty Representative		
Stephanie Spooner		Faculty Representative		
Maha Afra		Faculty Representative		
Pamela Lewin		Faculty Representative		