Reading the Schedule of Classes

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course</th>
<th>Description</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Bldg-Room</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHROPOLOGY</td>
<td>ANT-1</td>
<td>Physical Anthropology</td>
<td>3</td>
<td>W</td>
<td>06:00PM-08:50PM</td>
<td>HUM-111</td>
<td>S Wakim</td>
<td>MM/DD - MM/DD/YYYY</td>
</tr>
<tr>
<td></td>
<td>ANT-2</td>
<td>Cultural Anthropology</td>
<td>3</td>
<td>TTh</td>
<td>11:10AM-12:35PM</td>
<td>QD-201</td>
<td>P Roberts</td>
<td>MM/DD - MM/DD/YYYY</td>
</tr>
</tbody>
</table>

Economics........................................... 7
Manufacturing Technology...................... 11
Electronics........................................ 7
Mathematics........................................ 11
Engineering....................................... 7
Music.............................................. 13
English............................................ 7
Philosophy........................................ 13
Game Development................................ 9
Political Science................................. 14
Geography......................................... 9
Psychology....................................... 14
Guidance.......................................... 9
Real Estate...................................... 15
Health Science................................... 10
Sociology........................................ 15
History......................................... 10
Spanish......................................... 15
Humanities...................................... 10
Theater Arts.................................... 16
Interdisciplinary Studies..................... 10
Non-Credit Classes
Kinesiology...................................... 11
Profes. Development Studies................... 17
Library......................................... 11
Management..................................... 11

Credit Classes

<table>
<thead>
<tr>
<th>Course#</th>
<th>Description</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Bldg-Room</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC-1A</td>
<td>Principles of Accounting I</td>
<td>3</td>
<td></td>
<td>ON-LINE</td>
<td>D White</td>
<td>06/21 - 07/29/21</td>
<td></td>
</tr>
<tr>
<td>ACC-1B</td>
<td>Principles of Accounting II</td>
<td>3</td>
<td></td>
<td>ON-LINE</td>
<td>D White</td>
<td>06/21 - 07/29/21</td>
<td></td>
</tr>
<tr>
<td>ACC-62</td>
<td>Payroll Accounting</td>
<td>3</td>
<td></td>
<td>ON-LINE</td>
<td>P Worsham</td>
<td>06/21 - 07/29/21</td>
<td></td>
</tr>
</tbody>
</table>

Note: * MOST 21SUM CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT *
* SEE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION *
### ADMINISTRATION OF JUSTICE

**ADJ-1: Introduction to the Administration of Justice**
- **Prerequisite:** None
- **Description:** An introductory course for the non-art major. The creative process and the diversity of style, technique and media, evident in contemporary art. Students may not receive credit for both ADJ-2 and ADJ-2H.
- **Units:** 3
- **Days:** Lecture
- **Time:** 06/21 - 07/29
- **Canvas and other technologies will be required to complete coursework.**

**ADJ-8: Juvenile Law and Procedures**
- **Prerequisite:** None
- **Description:** The organization, functions and jurisdiction of juvenile agencies; the processing and detention of juveniles; juvenile case disposition; juvenile statutes and court procedures. 54 hours lecture. (Letter grade only)
- **Units:** 3
- **Days:** Lecture
- **Time:** 06/21 - 07/29
- **Canvas and other technologies will be required to complete coursework.**

### ANTHROPOLOGY

**ANT-1: Physical Anthropology**
- **Prerequisite:** None
- **Description:** An introduction to human biological evolution, physical diversity, and relationship to the animal world, using scientific and comparative methods. Incorporates the study of genetics, fossils, primates, and modern human variation within an evolutionary framework. Students may not receive credit for both ANT-1 and ANT-1H.
- **Units:** 3
- **Days:** Lecture
- **Time:** 06/21 - 07/29
- **Canvas and other technologies will be required to complete coursework.**

**ANT-1L: Physical Anthropology Laboratory**
- **Prerequisite:** None
- **Description:** Concurrent enrollment in or prior completion of ANT-1 or ANT-1H required. Laboratory course exploring case studies and problems of human genetics, human variation, the identification of fossils through examination of fossil casts, human evolution, the study of the human skeleton, observation of primate behavior and structures utilizing the scientific method. 54 hours laboratory.
- **Units:** 1
- **Days:** Lecture
- **Time:** 06/21 - 07/29
- **Canvas and other technologies will be required to complete coursework.**

**ANT-2: Cultural Anthropology**
- **Prerequisite:** None
- **Description:** An introduction to the anthropological concept of culture and to the methods and theories used in the comparative analysis of cultures. Cultural practices and institutions are examined using perspectives that enhance effective participation in a culturally diverse world. 54 hours lecture.
- **Units:** 3
- **Days:** Lecture
- **Time:** 06/21 - 07/29
- **Canvas and other technologies will be required to complete coursework.**

### ART

**ART-2: History of Western Art: Renaissance Thro through Contemporary**
- **Prerequisite:** None
- **Description:** Survey of the history of Western art: Painting, architecture, and sculpture, from the Renaissance through contemporary art. Students may not receive credit for both ART-2 and ART-2H. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)
- **Units:** 3
- **Days:** Lecture
- **Time:** 06/21 - 07/29
- **Canvas and other technologies will be required to complete coursework.**

**ART-6: Art Appreciation**
- **Prerequisite:** None
- **Description:** An introductory course for the non-art major. The creative process and the diversity of style, technique and media, evident in various art forms throughout history and culture. Students may not receive credit for both ART-6 and ART-6H. 54 hours lecture. (Same as AHS-6) (Letter Grade, or Pass/No Pass option.)
- **Units:** 3
- **Days:** Lecture
- **Time:** 06/21 - 07/29
- **Canvas and other technologies will be required to complete coursework.**

**ART-6H: Art Appreciation**
- **Prerequisite:** None
- **Description:** An introductory course for the non-art major. The creative process and the diversity of style, technique and media, evident in various art forms throughout history and culture. Students may not receive credit for both ART-6 and ART-6H. 54 hours lecture. (Same as AHS-6) (Letter Grade, or Pass/No Pass option.)
- **Units:** 3
- **Days:** Lecture
- **Time:** 06/21 - 07/29
- **Canvas and other technologies will be required to complete coursework.**

The above section is restricted to CAVA Online High School students participating in Norco College’s Dual Enrollment Program. Internet access is required. Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.
### BIOLOGY

#### BIO-1 General Biology
- **Prerequisite:** None
- **Description:** Introductory course designed for non-science majors that offers an integrated study of the basic principles of biology, with emphasis on the principles of structure and function, genetics, development, evolution, and ecology. Discussions on the philosophy, concepts, and implications of modern biology will be included. Students may not receive credit for both BIO-1 and BIO-1H. 54 hours lecture and 54 hours laboratory. (Letter Grade only)

#### BIO-0 Anatomy and Physiology I (formerly Amy-2a)
- **Prerequisite:** BIO-1 or BIO-1H or BIO-55 or BIO-60 or BIO-60H
- **Description:** First of a two course sequence that introduces students to the basic concepts of anatomy and physiology. This course will provide a foundation for advanced study of the human body. The course covers body orientation and organization, cells and tissues, the skeletal and muscular systems, and the eye and ear. Designed to meet the prerequisites for professional programs, e.g. nursing, dental hygiene, and physical therapy. 36 hours lecture and 108 hours laboratory.

#### BIO-4 Human Biology (formerly Bio-17)
- **Prerequisite:** None
- **Description:** A non-major introductory course in biology which offers an integrated study of the basic principles of biology as revealed in the human body. Emphasis is placed on cellular and system organization in relation to specific function and common disorders affecting the body; the interaction between the human body and its environment. Controversial, thought-provoking topics related to modern biology and medical advances involving genetic engineering will be included. This course satisfies district graduation and transfer requirements for a science lecture and laboratory course. 54 hours lecture and 54 hours laboratory.

#### BIO-18 Human Genetics (formerly Bio-34)
- **Prerequisite:** None
- **Description:** High school biology or any college life science course with laboratory. Description: A general education course for non-biology majors and allied health students who are interested in the underlying mechanisms of human heredity. Emphasis will be given to the role of genetics and environment on cells, individuals, family and human populations. Discussion on human genetic disorders and the social implications of modern human genetics will be included. 54 hours lecture.

#### BIO-50A
- **Prerequisite:** BIO-1 or BIO-1H or BIO-4 or BIO-55 or BIO-60 or BIO-60H
- **Description:** Second of a two course sequence in anatomy and physiology that covers these systems: nervous, endocrine, cardiovascular, respiratory, urinary, digestive, and reproductive organ systems. 36 hours lecture and 108 hours laboratory. (Letter Grade)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>35533 BIO-1</td>
<td>Human Biology (formerly Bio-17)</td>
<td>4</td>
<td>MW</td>
<td>05:30PM-07:00PM</td>
<td>Sharma</td>
<td>06/21 - 07/29/21</td>
</tr>
<tr>
<td>35534 BIO-1</td>
<td>Human Biology (formerly Bio-17)</td>
<td>4</td>
<td>TTh</td>
<td>06:00PM-07:30PM</td>
<td>Drainville</td>
<td>06/21 - 07/29/21</td>
</tr>
<tr>
<td>35535 BIO-1</td>
<td>Human Biology (formerly Bio-17)</td>
<td>4</td>
<td>TTh</td>
<td>06:00PM-07:30PM</td>
<td>Drainville</td>
<td>06/21 - 07/29/21</td>
</tr>
<tr>
<td>35536 BIO-1</td>
<td>Human Biology (formerly Bio-17)</td>
<td>4</td>
<td>MW</td>
<td>05:30PM-07:00PM</td>
<td>Sharma</td>
<td>06/21 - 07/29/21</td>
</tr>
<tr>
<td>35538 BIO-1</td>
<td>Human Biology (formerly Bio-17)</td>
<td>4</td>
<td>TTh</td>
<td>06:00PM-07:30PM</td>
<td>Drainville</td>
<td>06/21 - 07/29/21</td>
</tr>
<tr>
<td>35733 BIO-4</td>
<td>Anatomy and Physiology I (formerly Amy-2a)</td>
<td>3</td>
<td>ON-LINE</td>
<td>09:00AM-11:50AM</td>
<td>Suriano</td>
<td>06/21 - 07/29/21</td>
</tr>
<tr>
<td>35544 BIO-50A</td>
<td>Anatomy and Physiology II (formerly Amy-2b)</td>
<td>4</td>
<td>MW</td>
<td>09:00AM-12:10PM</td>
<td>Campo</td>
<td>06/21 - 08/12/21</td>
</tr>
<tr>
<td>35545 BIO-50A</td>
<td>Anatomy and Physiology II (formerly Amy-2b)</td>
<td>4</td>
<td>MW</td>
<td>02:00PM-05:10PM</td>
<td>Johansen</td>
<td>06/21 - 08/12/21</td>
</tr>
</tbody>
</table>

RCCD Summer 2021 Class Schedule - generated 08/23/2021 10:55 a.m.
**BUSINESS ADMINISTRATION**

**BUS-10** Introduction to Business  
Prerequisite: None. Description: Scope, function and organization of contemporary business; fundamentals, concepts, principles, and current practices in the major areas of business activity with an integrated global perspective. 54 hours lecture. (Letter Grade only)  
35547 BUS-10 Lecture  
3  
ON-LINE  
R Beck  
06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**BUS-18A** Business Law I  
Prerequisite: None. Description: The social and practical basis of the law. Covers the legal and ethical environment of business, contracts, agency and employment, and the law of sales. 54 hours lecture.  
35714 BUS-18A Lecture  
3  
ON-LINE  
J Alpay  
06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**BUS-20** Business Mathematics  
Prerequisite: None. Description: An introduction to quantitative approaches for solving common business problems using general mathematics and first degree equations. Includes the development and solution of problems in the areas of business statistics, trade and cash discounts, markups and markdowns, perishables, payroll, taxes, simple interest, promissory notes, compound interest, present and future value, annuities and sinking funds, installment buying and credit cards, home ownership costs, insurance, stocks and bonds, mutual funds, financial reports, depreciation, inventory, and overhead. 54 hours lecture. (Letter grade only)  
35549 BUS-20 Lecture  
3  
ON-LINE  
E Doucette  
06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**BUS-24** Business Communication  
Prerequisite: ENG-1A or ENG-1AH Description: Applies the principles of ethical and effective communication to the creation of letters, memos, emails, and written and oral reports for a variety of business situations. The course emphasizes planning, organizing, composing and revising business documents using word processing software for written documents and presentation graphics software to create and deliver professional-level oral reports. Course is designed for students who have college-level writing skills. 54 hours lecture.  
35716 BUS-24 Lecture  
3  
ON-LINE  
E Doucette  
06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**BUS-47** Applied Business and Management Ethics  
Prerequisite: None. Description: An examination of ethical concerns in business decision making. Includes corporate, personal, global, governmental, public, environmental, product, and job-related issues. Case studies and corporate ethics programs and audits also covered. 54 hours lecture. (Letter Grade, or Pass/No Pass option)  
35550 BUS-47 Lecture  
3  
ON-LINE  
A Martin  
06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.
## CHEMISTRY

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Bldg-Room</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE-2A</td>
<td>Introductory Chemistry, I</td>
<td>5</td>
<td>MTTh</td>
<td>08:00AM-10:30AM</td>
<td>REG-MEET</td>
<td>A Duggal</td>
<td>06/21 - 07/29/21</td>
</tr>
<tr>
<td>CHE-2A</td>
<td>Lab</td>
<td></td>
<td></td>
<td></td>
<td>ON-LINE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHE-2A</td>
<td>Introductory Chemistry, I</td>
<td>5</td>
<td>MTTh</td>
<td>03:00PM-05:30PM</td>
<td>REG-MEET</td>
<td>W Cui</td>
<td>06/21 - 07/29/21</td>
</tr>
<tr>
<td>CHE-2A</td>
<td>Lab</td>
<td></td>
<td></td>
<td></td>
<td>ON-LINE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHE-2A</td>
<td>Introductory Chemistry, I</td>
<td>5</td>
<td>MTTh</td>
<td>03:00PM-05:30PM</td>
<td>REG-MEET</td>
<td>P Kimbrough</td>
<td>06/21 - 07/29/21</td>
</tr>
<tr>
<td>CHE-2A</td>
<td>Lab</td>
<td></td>
<td></td>
<td></td>
<td>ON-LINE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete the coursework on their own schedule.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

### COMMUNICATION STUDIES

**COM-1** Public Speaking

Prerequisite: None. Description: Prepares students to compose (develop outlines and research) and present a minimum of four speeches, including informative and persuasive presentations in front of a live audience. Emphasis will include: different purposes of speaking, types of speeches and organizational patterns, topic choice and audience adaptation, rhetorical principles, development and support of sound reasoning and argument, theories of persuasion, application of ethics in public speaking, listening skills, and theory and principles of effective delivery. Students will speak formally for a minimum of 20 total semester minutes. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

35560 COM-1 Lecture 3 ON-LINE E Romero 06/21 - 07/29/21
<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Bldg-Room</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM-1</td>
<td>Lecture</td>
<td>3</td>
<td>ON-LINE</td>
<td>E Romero</td>
<td>06/21 - 07/29/21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COM-1</td>
<td>Lecture</td>
<td>3</td>
<td>ON-LINE</td>
<td>R Stinson</td>
<td>06/21 - 07/29/21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COM-1</td>
<td>Lecture</td>
<td>3</td>
<td>ON-LINE</td>
<td>B Rihan</td>
<td>06/21 - 07/29/21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COM-1</td>
<td>Lecture</td>
<td>3</td>
<td>ON-LINE</td>
<td>E Romero</td>
<td>06/21 - 07/29/21</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

COM-2 Introduction to Persuasion

Prerequisite: None. Description: An examination of historical and contemporary approaches to persuasive messages throughout time. A focus on theoretical perspectives involving persuasion including Aristotelian and Ciceronian Canons of Rhetoric and strategies on construction, delivery and critical analysis of persuasive messages. 54 course lecture.

35727 COM-2 Lecture 3 ON-LINE E Romero 06/21 - 07/29/21

COM-9 Interpersonal Communication

Prerequisite: None. Description: Analyzes the dynamics of the two-person communication process in relationships. Students study values, communication models, listening, verbal and nonverbal communication, perception, self-concept, self-disclosure, management of emotions, relationship theories and conflict management. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

### RCCD Summer 2021 Class Schedule - generated 08/23/2021 10:55 a.m.
## Communication Studies

### Early Childhood Education

Prerequisite: None. Description: Introduction to the factors affecting intercultural communication focusing on culture, language, and social patterns and their influence on how members of groups relate among themselves and with members of different ethnic and cultural groups. Theory and knowledge of effective communication within and between cultures and appreciation and comparison of communication among diverse groups within the larger context of American culture are explored with an emphasis on self-evaluation and skill development. 54 hours lecture. (Letter Grade or Pass/No Pass option)

<table>
<thead>
<tr>
<th>Course#</th>
<th>Description</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>35565</td>
<td>COM-12 Lecture</td>
<td>3</td>
<td>ON-LINE</td>
<td>N Aceves</td>
<td></td>
<td>06/21 - 07/29/21</td>
</tr>
<tr>
<td>35566</td>
<td>COM-12 Lecture</td>
<td>3</td>
<td>TTh</td>
<td>04:10PM-05:35PM</td>
<td>REG-MEET</td>
<td>06/21 - 07/29/21</td>
</tr>
<tr>
<td>35567</td>
<td>COM-12 Lecture</td>
<td>3</td>
<td>TTh</td>
<td>04:10PM-05:35PM</td>
<td>REG-MEET</td>
<td>06/21 - 07/29/21</td>
</tr>
<tr>
<td>35743</td>
<td>COM-12 Lecture</td>
<td>3</td>
<td>TTh</td>
<td>04:10PM-05:35PM</td>
<td>REG-MEET</td>
<td>06/21 - 07/29/21</td>
</tr>
</tbody>
</table>

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is designed with special emphasis on African American culture. See the Umoja counselor (sean.davis@norccollege.edu) prior to enrolling.

## COMPUTER INFORMATION SYSTEMS

### CIS-1A

Introduction to Computer Informational Systems

Prerequisite: None. Description: An introduction to computer concepts and theory, information systems, and computer applications. The development of computer based solutions to business problems using word processors, spreadsheets, databases, presentation graphics, and the Internet.

<table>
<thead>
<tr>
<th>Course#</th>
<th>Description</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>35556</td>
<td>CIS-1A Lecture</td>
<td>3</td>
<td>ON-LINE</td>
<td>J Coverdale</td>
<td></td>
<td>06/21 - 07/29/21</td>
</tr>
<tr>
<td>35557</td>
<td>CIS-1A Lecture</td>
<td>3</td>
<td>ON-LINE</td>
<td>J Coverdale</td>
<td></td>
<td>06/21 - 07/29/21</td>
</tr>
<tr>
<td>35559</td>
<td>CIS-5 Lecture</td>
<td>4</td>
<td>ON-LINE</td>
<td>J Ruiz</td>
<td></td>
<td>06/21 - 07/29/21</td>
</tr>
</tbody>
</table>

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

### CSCI-5

Programming Concepts and Methodology I: C++

Prerequisite: None Advisory: CSCI-1A Description: Introduction to the discipline of computer science incorporating problem definitions, algorithm development, and structured programming logic for business, scientific and mathematical applications. The C++ language will be used for programming problems. 54 hours lecture and 54 hours laboratory. (Same as CSCI-5 (Letter grade)

<table>
<thead>
<tr>
<th>Course#</th>
<th>Description</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>35762</td>
<td>DFT-30 Lecture</td>
<td>3</td>
<td>ON-LINE</td>
<td>F Mirzaei</td>
<td></td>
<td>06/21 - 07/29/21</td>
</tr>
<tr>
<td>35750</td>
<td>DFT-42 Lecture</td>
<td>3</td>
<td>ON-LINE</td>
<td>F Mirzaei</td>
<td></td>
<td>06/21 - 07/29/21</td>
</tr>
</tbody>
</table>

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

## DRAFTING

### DFT-30

Computer Aided Drafting (CAD) (same As ENE-30)

Prerequisite: None Advisory: CSCI-1A Description: A two-dimensional computer aided drafting class for drafters. Students will use an AUTOCAD computer drafting system to develop "computer drawn" drawings, which are typical to the various fields of drafting. 27 hours lecture and 81 hours laboratory. Same as ENE-30. (Letter Grade, or Pass/No Pass option)

<table>
<thead>
<tr>
<th>Course#</th>
<th>Description</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>35762</td>
<td>DFT-30 Lecture</td>
<td>3</td>
<td>ON-LINE</td>
<td>J Ruiz</td>
<td></td>
<td>06/21 - 07/29/21</td>
</tr>
</tbody>
</table>

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

### DFT-42

Solidworks I (same As ENE-42)

Prerequisite: None Advisory: PC computer experience recommended Description: This course is designed to introduce the student to three-dimensional parametric solid modeling with SolidWorks. Students will begin with basic parametric solid modeling techniques advancing into complex assemblies requiring animation. 27 hours lecture and 90 hours of laboratory.

<table>
<thead>
<tr>
<th>Course#</th>
<th>Description</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>35750</td>
<td>DFT-42 Lecture</td>
<td>3</td>
<td>ON-LINE</td>
<td>J Ruiz</td>
<td></td>
<td>06/21 - 07/29/21</td>
</tr>
</tbody>
</table>

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

## EARLY CHILDHOOD EDUCATION

### EAR-26

Health, Safety and Nutrition

Prerequisite: None. Description: Introduction to the laws, regulations, standards, policies and procedures, and early childhood curriculum related to child health safety and nutrition. The key components that ensure physical health, mental health, and safety for both children and staff will be identified along with the importance of collaboration with families and health professionals. Focus on integrating the concepts into everyday planning and program development. 54 hours lecture. Letter Grade.

<table>
<thead>
<tr>
<th>Course#</th>
<th>Description</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>35577</td>
<td>EAR-26 Lecture</td>
<td>3</td>
<td>ON-LINE</td>
<td>L Vazquez</td>
<td></td>
<td>06/21 - 07/29/21</td>
</tr>
</tbody>
</table>

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

### EAR-28

Principles and Practices of Teaching Young Children

Prerequisite: None. Description: An examination of the underlying theoretical principles of developmentally appropriate practices applied to programs, environments, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all young children. Includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics, and professional identity. 54 hours lecture.
## ECONOMICS

**ECO-7**  
**Prerequisites:** MAT-52 or qualifying placement level Advisory: MAT-35  
**Description:** Economic theory and analysis as applied to the U.S. economy as a whole. Emphasizes aggregative economics dealing with the macroeconomic concepts of national income and expenditure, aggregate supply and demand, fiscal policy, monetary policy, and economic stabilization and growth. Students may not receive credit for both ECO-7 and ECO-7H. 54 hours lecture. (Letter grade)

<table>
<thead>
<tr>
<th>Course#</th>
<th>Lecture</th>
<th>Days</th>
<th>Time</th>
<th>Bldg-Room</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>35579</td>
<td>3</td>
<td></td>
<td></td>
<td>ON-LINE</td>
<td>P Boelman</td>
<td>06/21 - 07/29/21</td>
</tr>
</tbody>
</table>

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

## ELECTRONICS

**ELE-55**  
**Occupational Safety and Health Administration (OSHA) Standards for General Industry**  
**Prerequisites:** None  
**Description:** OSHA policies, procedures, and standards, as well as safety for general industry and health principles. Topics include scope and application of the OSHA general industry standards. Special emphasis is placed on those areas that are the most hazardous, using OSHA standards as a guide. Upon successful course completion, the student will receive either an OSHA 10 hour general industry or construction industry training completion card. 18 hours lecture. (Letter Grade, or Pass/No Pass option.)

<table>
<thead>
<tr>
<th>Course#</th>
<th>Lecture</th>
<th>Lab</th>
<th>Time</th>
<th>Bldg-Room</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>35582</td>
<td>1</td>
<td></td>
<td>06:00PM-08:00PM</td>
<td>ON-LINE</td>
<td>K Mosley</td>
<td>06/21 - 07/29/21</td>
</tr>
</tbody>
</table>

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

## ENGINEERING

**ENE-30**  
**Computer Aided Drafting (CAD)**  
**Prerequisites:** None Advisory: CIS-1A  
**Description:** A two-dimensional computer aided drafting class for drafters. Students will use an AUTOCAD computer drafting system to develop "computer drawn" drawings, which are typical to the various fields of drafting. 27 hours lecture and 81 hours laboratory. Same as DFT-30. (Letter Grade, or Pass/No Pass option)

<table>
<thead>
<tr>
<th>Course#</th>
<th>Lecture</th>
<th>Lab</th>
<th>Time</th>
<th>Bldg-Room</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>35761</td>
<td>3</td>
<td></td>
<td>06:00PM-08:00PM</td>
<td>ON-LINE</td>
<td>F Mirzaei</td>
<td>06/21 - 07/29/21</td>
</tr>
</tbody>
</table>

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**ENE-42**  
**SolidWorks I**  
**Prerequisites:** None Advisory: PC computer experience recommended  
**Description:** Introduces the student to three-dimensional parametric solid modeling with SolidWorks. Students will begin with basic parametric solid modeling techniques advancing into complex assemblies requiring animation. 27 hours lecture and 81 hours laboratory. Same as DFT-42. (Letter Grade or Pass/No Pass option)

<table>
<thead>
<tr>
<th>Course#</th>
<th>Lecture</th>
<th>Lab</th>
<th>Time</th>
<th>Bldg-Room</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>35760</td>
<td>3</td>
<td></td>
<td>06:00PM-08:00PM</td>
<td>ON-LINE</td>
<td>F Mirzaei</td>
<td>06/21 - 07/29/21</td>
</tr>
</tbody>
</table>

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

## ENGLISH

**ENG-1A**  
**English Composition**  
**Prerequisites:** ESL-50 or ENG-50 or ENG-80 or qualifying placement  
**Description:** Emphasizes skills in critical reading, and writing, including research. Integrated reading and writing assignments respond to various rhetorical situations. Students will produce a minimum of 7500 words of assessed writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade)

<table>
<thead>
<tr>
<th>Course#</th>
<th>Lecture</th>
<th>Days</th>
<th>Time</th>
<th>Bldg-Room</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>35722</td>
<td>3</td>
<td></td>
<td></td>
<td>ON-LINE</td>
<td>R Carron-Bailey</td>
<td>06/21 - 07/29/21</td>
</tr>
</tbody>
</table>

Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade)

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**Prerequisites:** ENG-1A and ENG-1AH  
**Description:** 72 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade)

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**Prerequisites:** ESL-50 or ENG-50 or ENG-80 or qualifying placement  
**Description:** Emphasizes skills in critical reading, and writing, including research. Integrated reading and writing assignments respond to various rhetorical situations. Students will produce a minimum of 7500 words of assessed writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade)
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**ENGLISH AS A SECOND LANGUAGE**

**ESL-73** High Intermediate Reading and Vocabulary

Prerequisite: None Advisory: ESL-72 and ESL-53 or ESL-54 or ESL-55 or qualifying placement level on a state-approved placement instrument Description: Emphasizes the acquisition of higher level reading skills needed for college level courses, expansion of receptive and productive vocabulary, further development of library skills, and comprehension of both adapted and authentic reading selections of varying lengths. 72 hours lecture and 18 hours laboratory. (Degree credit course. Letter grade, or Pass/No Pass option.)

---

**ENGLISH AS A SECOND LANGUAGE**

**ESL-72** Reading and Vocabulary

Prerequisite: ESL-60 or ESL-51 or ESL-52 or ESL-56 or qualifying placement level on the state-approved placement instrument Description: Emphasizes the acquisition of higher level reading skills needed for college level courses, expansion of receptive and productive vocabulary, further development of library skills, and comprehension of both adapted and authentic reading selections of varying lengths. 72 hours lecture and 18 hours laboratory. (Degree credit course. Letter grade, or Pass/No Pass option.)
**GAME DEVELOPMENT**

**GAM-1** Business of Video Games  
Prerequisite: None  
Description: An introduction to the field of game development. Students will explore the job market, career paths and business aspects of game development professionals. 54 hours lecture.  
35606 GAM-1 Lecture 3 ON-LINE J Finley 06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**GAM-2** History of Video Games (formerly Gam-21)  
Prerequisite: None  
Description: A comprehensive study of the evolution of video games, including their technological and artistic antecedents, with analysis of how video games reflect the beliefs, aspirations and values of the cultures where they flourish. Study includes gameplay experience and analysis of notable game genres, identifying significant artistic and technological innovations. 54 hours lecture. (Letter grade)  
35607 GAM-2 Lecture 3 ON-LINE J Finley 06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**GAM-4A** Game Scripting  
Prerequisite: None  
Description: A first course in programming for games stressing fundamental programming principles. Covers the logic structures and design paradigms that allow for fundamental interactions in digital games. 54 hours lecture.  
35608 GAM-4A Lecture 3 ON-LINE J Finley 06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**GEOGRAPHY**

**GEG-1** Physical Geography  
Prerequisite: None  
Description: The interacting physical processes of air, water, land, and life that impact Earth's surface. Topics include weather and climate, the water cycle, landforms, and plate tectonics, and the characteristics of plant and animal life. Emphasis is on interrelationships among systems and processes and their resulting patterns and distributions. There is a heavy emphasis on maps as descriptive and analytical tools. Students may not receive credit for both GEG-1 and GEG-1H. 54 hours lecture.  
35609 GEG-1 Lecture 3 ON-LINE E Ogbuchiekwu 06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**GEG-1L** Physical Geography Laboratory  
Prerequisite: None  
Corequisite: GEG-1DE or GEG-1H  
Description: Practical application of scientific principles through geographically based in-class exercises using a variety of tools, such as maps, photos, and data in various forms. 54 hours laboratory.  
35611 GEG-1L Lecture 1 ON-LINE E Ogbuchiekwu 06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**GUIDANCE**

**GUI-47** Career Exploration and Life Planning  
Prerequisite: None  
Description: In depth career and life planning: Topics include extensive exploration of one's values, interests and abilities; life problem-solving and self-management skills; adult development theory and the changes that occur over the life span; self-assessment including identifying one’s skills and matching personality with work. An intensive career investigation; decision making, goal setting and job search strategies, as well as resume writing and interviewing skills will also be addressed. This course is designed to assist those students considering the transition of a career change or undecided about the selection of a college major. 54 hours lecture.  
35616 GUI-47 Lecture 3 ON-LINE M Iliscupiandez 06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**GUI-47** Career Exploration and Life Planning  
Prerequisite: None  
Description: In depth career and life planning: Topics include extensive exploration of one's values, interests and abilities; life problem-solving and self-management skills; adult development theory and the changes that occur over the life span; self-assessment including identifying one’s skills and matching personality with work. An intensive career investigation; decision making, goal setting and job search strategies, as well as resume writing and interviewing skills will also be addressed. This course is designed to assist those students considering the transition of a career change or undecided about the selection of a college major. 54 hours lecture.  
35616 GUI-47 Lecture 3 ON-LINE M Iliscupiandez 06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**GUI-47** Career Exploration and Life Planning  
Prerequisite: None  
Description: In depth career and life planning: Topics include extensive exploration of one's values, interests and abilities; life problem-solving and self-management skills; adult development theory and the changes that occur over the life span; self-assessment including identifying one’s skills and matching personality with work. An intensive career investigation; decision making, goal setting and job search strategies, as well as resume writing and interviewing skills will also be addressed. This course is designed to assist those students considering the transition of a career change or undecided about the selection of a college major. 54 hours lecture.  
35616 GUI-47 Lecture 3 ON-LINE M Iliscupiandez 06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**GUI-47** Career Exploration and Life Planning  
Prerequisite: None  
Description: In depth career and life planning: Topics include extensive exploration of one's values, interests and abilities; life problem-solving and self-management skills; adult development theory and the changes that occur over the life span; self-assessment including identifying one’s skills and matching personality with work. An intensive career investigation; decision making, goal setting and job search strategies, as well as resume writing and interviewing skills will also be addressed. This course is designed to assist those students considering the transition of a career change or undecided about the selection of a college major. 54 hours lecture.  
35616 GUI-47 Lecture 3 ON-LINE M Iliscupiandez 06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**GUI-47** Career Exploration and Life Planning  
Prerequisite: None  
Description: In depth career and life planning: Topics include extensive exploration of one's values, interests and abilities; life problem-solving and self-management skills; adult development theory and the changes that occur over the life span; self-assessment including identifying one’s skills and matching personality with work. An intensive career investigation; decision making, goal setting and job search strategies, as well as resume writing and interviewing skills will also be addressed. This course is designed to assist those students considering the transition of a career change or undecided about the selection of a college major. 54 hours lecture.  
35616 GUI-47 Lecture 3 ON-LINE M Iliscupiandez 06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

The above section is restricted to CAVA Online High School students participating in Norco College’s Dual Enrollment Program. Internet access is required. Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.
HEALTH SCIENCE

HES-1 Health Science (same As Bio-35)
Prerequisite: None
Description: A basic study of various aspects of health including anatomy and physiology of the body, concepts of prevention, practical advises for healthy life style, treatments and cure of major diseases. This course satisfies the California requirement in drug, alcohol, tobacco and nutrition education for teacher certification.

35623 HES-1 Lecture 3 ON-LINE T Wallstrom 06/21 - 07/29/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

35624 HES-1 Lecture 3 ON-LINE T Wallstrom 06/21 - 07/29/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

HISTORY

HIS-6 United States History to 1877
Prerequisite: None
Advisory: REA-83 or ENG-50 or ENG-80 or qualification for ENG 1A. Political, social, and economic development of the United States from precolonial background and colonial foundations to 1877; the evolution of American thought and institutions; principles of national, state, and local government. Students may not receive credit for both HIS-6 and and HIS-6H. 54 hours lecture.

35625 HIS-6 Lecture 3 ON-LINE H Vion 06/21 - 07/29/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

35626 HIS-6 Lecture 3 ON-LINE T Knight 06/21 - 07/29/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

35627 HIS-6 Lecture 3 ON-LINE F Najera 06/21 - 07/29/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

HIS-7 United States History From 1865
Prerequisite: None
Advisory: ENG-83 or ENG-50 or ENG-80 or qualification for ENG-1A Description: Political, social and economic development of the United States from 1865 to the present; the evolution of American thought and institution; principles of national, state, and local government. Students may not receive credit for both HIS-7 and HIS-7H. 54 hours lecture.

35629 HIS-7 Lecture 3 ON-LINE H Vion 06/21 - 07/29/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

35631 HIS-7 Lecture 3 ON-LINE H Vion 06/21 - 07/29/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

HUMANITIES

HUM-4 Arts and Ideas: Ancient World Through the Late Medieval Period
Prerequisite: None
Advisory: REA-83 and qualification for ENG-1A Description: An interdisciplinary study of the cultural movements in art, architecture, literature, music, philosophy, and religion of Western Civilization. The cultural achievements of the ancient world and the middle ages are studied to develop an understanding of their philosophical ideas, values, cultural meaning, artistic form, and contributions to modern thought. Students may not receive credit for both HUM-4 and HUM-4H. 54 hours lecture.

35635 HUM-4 Lecture 3 ON-LINE A Silva 06/21 - 07/29/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

HUM-10 World Religions
Prerequisite: None
Advisory: REA-83 and qualification for English 1A Description: Thought and concepts of the major religious systems, including primal religions, extinct religions, Hinduism, Buddhism, Jainism, Sikhism, Confucianism, Taoism, Shintoism, Zoroastrianism, Judaism, Christianity, and Islam. Students may not receive credit for both HUM-10 and HUM-10H. 54 hours lecture.

35634 HUM-10 Lecture 3 ON-LINE D Ketcham 06/21 - 07/29/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

INTERDISCIPLINARY STUDIES

ILA-1 Introduction to Tutor Training
Prerequisite: None
Advisory: Qualification for ENG-1A Description: Introduction to tutoring, with an emphasis on tutoring strategies, learning styles, problem solving, and working with diverse student populations. Designed to prepare students to become peer tutors in a variety of subject areas. Tutors develop student-centered, non-intrusive tutoring skills to meet a wide variety of student needs. Topics include theory, practice and ethics of tutoring, interpersonal communications techniques, tutoring diverse student populations, and group tutorial methods and practical field work. 18 hours lecture. (Letter Grade, or Pass/No Pass option.)

35731 ILA-1 Lecture 1 10:00AM-11:15AM REG-MEET M Sloniger 06/21 - 07/29/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.
KINESIOLOGY

KIN-10 Introduction to Kinesiology
Prerequisite: None Description: An introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in Kinesiology will be discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions. 54 hours lecture.
35638 KIN-10 Lecture 3 ON-LINE Rod Aguilar 06/21 - 07/29/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

KIN-4 Nutrition
Prerequisite: None Description: The principles of modern nutrition and its application. The importance of a scientific knowledge of nutrition, specific food nutrients and nutritional controversies. A study of modern convenience foods and their impact on present day diets. 54 hours lecture. (Letter grade only)
35637 KIN-4 Lecture 3 ON-LINE S Witmer 06/21 - 07/29/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

KIN-64 Soccer
Prerequisite: None Description: This course is designed to introduce students to the rules, basic skills, and offensive/defensive strategy in soccer. Emphasis will be placed on improving individual skills and applying these skills to game situations. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)
35641 KIN-64 Lecture 1 MTWTh 10:30AM-12:40PM SOCR-1 D Rea 06/21 - 07/29/21
The above section is a short term class. Please note the start and end dates.

LIBRARY

LIB-1 Introduction to Information Literacy
Prerequisite: None Description: Presents the fundamentals of the effective use of libraries to find, evaluate, interpret, and organize information online and in print; and to answer research questions and develop new ones. Students will develop an understanding of access to and ethical use of information through the use of retrieval systems. 18 hours lecture. (Letter Grade, or Pass/No Pass option.)
35646 LIB-1 Lecture 1 ON-LINE M Castro 06/21 - 07/29/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

MANAGEMENT

MAG-47 Applied Business and Management Ethics
Prerequisite: None Description: An examination of ethical concerns in business decision making. Includes corporate, personal, global, governmental, public, environmental, product, and job-related issues. Case studies and corporate ethics programs and audits also covered. 54 hours lecture. (Same as BUS-47) (Letter Grade, or Pass/No Pass option)
35647 MAG-47 Lecture 3 ON-LINE A Martin 06/21 - 07/29/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

MANUFACTURING TECHNOLOGY

MAN-55 Occupational Safety and Health Administration (OSHA) Standards for General Industry
Prerequisite: None Covers OSHA policies, procedures, and standards, as well as safety for general industry and health principles. Topics include scope and application of the OSHA general industry standards. Special emphasis is placed on those areas that are the most hazardous, using OSHA standards as a guide. Upon successful course completion, the student will receive either an OSHA 10 hour general industry or construction industry training completion card. 18 hours lecture. (Letter Grade, or Pass/No Pass option.)
35648 MAN-55 Lecture 1 ON-LINE K Mosley 06/21 - 07/29/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

MATHEMATICS

MAT-1A Calculus I
Prerequisite: MAT-10 or MAT-23 or qualifying placement level. Description: Functions, limits, continuity, techniques and applications of differentiation, the Fundamental Theorem of Calculus, and basic integration. 72 hours lecture and 18 hours laboratory. (Letter Grade or Pass/No Pass option)
**Mathematics**

12

and series. 90 hours lecture. (Letter Grade or Pass/No Pass option.)

Students are introduced to functions, inverse functions, exponential and logarithmic functions, complex numbers, conic sections, nonlinear systems of equations, and sequences and series. 

Prerequisite: MAT-52 Description: The concepts introduced in elementary algebra are presented again, but in greater depth. In addition to basic algebraic operations and graphing, students are introduced to functions, inverse functions, exponential and logarithmic functions, complex numbers, conic sections, nonlinear systems of equations, and sequences and series. 90 hours lecture. (Letter Grade or Pass/No Pass option.)

**MAT-1B**

Calculus II

Prerequisite: MAT-1A Description: Techniques of integration, applications of integration, improper integrals, parametric equations, polar coordinates, infinite sequences and series. 72 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**MAT-2**

Differential Equations

Prerequisite: MAT-1B Description: This is a course in differential equations including both quantitative and qualitative methods as well as applications from a variety of disciplines. Introduces the theoretical aspects of differential equations, including establishing when solution(s) exists, and techniques for obtaining solutions, including linear first and second order differential equations, series solutions, Laplace transforms, linear systems, and elementary applications to the physical and biological sciences. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**MAT-5**

Calculus for Business and Life Science

Prerequisite: MAT-35 Description: A study of the techniques of calculus for majors in business, business administration, life and social sciences. Emphasis on problem solving and applications. Topics include: Functions, graphs, limits, derivatives, integrals, exponential and logarithmic functions. 72 hours lecture. (Letter Grade or Pass/No Pass option.)

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**MAT-10**

Precalculus

Prerequisite: MAT-36 or qualifying placement level Description: Preparation for calculus: Polynomial, absolute value, radical, rational, exponential, logarithmic, and trigonometric functions and their graphs; analytic geometry, polar coordinates, sequences, and series. Students cannot receive credit for MAT 10 if they have already received credit for MAT 23. 90 hours lecture. (Letter Grade or Pass/No Pass option.)

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**MAT-11**

College Algebra

Prerequisite: MAT-35 or qualifying placement level Description: This course is intended for students majoring in Liberal Arts and Humanities. The topics covered in this course include polynomial, radical, rational, absolute value, exponential and logarithmic functions; systems of equations; polynomial equations; permutations and combinations; analytic geometry; and linear programming. 72 hours lecture. (Letter Grade or Pass/No Pass option.)

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**MAT-12**

Statistics

Prerequisite: MAT-35 or MAT-37 or MAT-43 or qualifying placement level Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**MAT-35**

Intermediate Algebra

Prerequisite: MAT-52 Description: The concepts introduced in elementary algebra are presented again, but in greater depth. In addition to basic algebraic operations and graphing, students are introduced to functions, inverse functions, exponential and logarithmic functions, complex numbers, conic sections, nonlinear systems of equations, and sequences and series. 90 hours lecture. (Letter Grade or Pass/No Pass option.)

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.
<table>
<thead>
<tr>
<th>Course#</th>
<th>Description</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT-36</td>
<td>Trigonometry</td>
<td>4</td>
<td>ON-LINE</td>
<td>B Lopez Segoviano</td>
<td>06/21 - 07/29/21</td>
<td></td>
</tr>
</tbody>
</table>

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

<table>
<thead>
<tr>
<th>Course#</th>
<th>Description</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHI-10</td>
<td>Introduction to Philosophy</td>
<td>3</td>
<td>ON-LINE</td>
<td>M Murphey</td>
<td>06/21 - 07/29/21</td>
<td></td>
</tr>
</tbody>
</table>

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.
**POLITICAL SCIENCE**

**POL-1**  
American Politics  
Prerequisite: None. Description: An introduction to the principles, structures, processes, and culture that inform American politics. Specific focus is placed on the development of the Constitution, the government it engenders, the development of the American polity, the formation of policy, and the connections between the national government and California's government. Students may not receive credit for both POL-1 and POL-1H. 54 hours lecture....

**POL-1**  
Introduction to World Politics  
Prerequisite: None Advisory: Qualification for ENG-1A and REA-83 Description: A study of the theories, paradigms, and issues of global politics. Special attention is given to the role of the United States in the international community, the role of international organizations and international political economy. 54 hours lecture.

**PSYCHOLOGY**

**PSY-1**  
General Psychology  
Prerequisite: None. Description: Survey of scientific study of behavior and mental processes, including learning, emotion, motivation, emotional problems and therapy.

**PSY-2**  
Biological Psychology  
Prerequisite: PSY-1 Description: The scientific study of brain-behavior relationships and mental processes. Issues addressed include: historical scientific contributions and current research principles for studying brain-behavior associations and mental processes, basic nervous system structure and function, sensory and motor systems, emotion, motivation, learning and memory, sleep and dreaming, and neurological and mental disorders. Ethical standards for human and animal research are discussed in the context of both invasive and non-invasive experimental investigations. 54 hours lecture.

**PSY-3**  
Developmental Psychology  
Prerequisite: None Description: Examines the prevailing theories and research of developmental psychology and the stages of human development from conception to death.

RCCD Summer 2021 Class Schedule - generated 08/23/2021 10:55 a.m.
PSY-48  Statistics for the Behavioral Sciences  
Prerequisite: MAT-35, MAT-37 or MAT-42 or qualifying placement level  
Description: Introduction to basic statistical methods and analyses commonly used in behavioral science research. Topics cover both inferential and descriptive statistics including correlations, regression analysis, chi-squares, t-tests, analysis of variance, and an introduction to factorial designs. This course covers the logic of hypothesis testing and emphasizes conceptualization of material and interpreting findings for use in behavioral science research above computation. The course trains students to use a statistical software package used by behavioral science researchers and prepares them to proficiently consume published research in the behavioral sciences. 54 hours lecture.

35723  PSY-48  Lecture 3  ON-LINE  N Jimenez Hernandez  06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

PSY-50  Research Methods in Psychology  
Prerequisite: PSY-1 and PSY-48 or MAT-12 or MAT-12H  
Description: Introduces students to psychological research methods with emphasis on the use of the scientific method. The laboratory will complement the lectures and allow each student to design and conduct behavioral research, including collecting and analyzing research data. 83 hours lecture and 27 hours laboratory.

35724  PSY-50  Lecture 4  ON-LINE  N Jimenez Hernandez  06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

REAL ESTATE  

RLE-80  Real Estate Principles  
Prerequisite: None.  
Description: Comprehensive analysis of basic laws, principles, terminology and current practices of California real estate.

35696  RLE-80  Lecture 3  ON-LINE  L Namazi  06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

RLE-81  Real Estate Practices  
Prerequisite: None  
Description: Covers basic laws and principles of California real estate, terminology and daily operations in a real estate brokerage. Includes listing, prospecting, advertising, financing, sales techniques, escrow and ethics. Applies toward state’s educational requirements for the brokers examination. 54 hours lecture.

35697  RLE-81  Lecture 3  ON-LINE  S Doll  06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

SOCIOLOGY  

SOC-1  Introduction to Sociology  
Prerequisite: None. Advisory: ENG-50 or ENG-80 or qualifying placement.  
Description: An introduction to the basic concepts relating to the study of society. Includes investigation into the foundations of sociology including its overall perspective, theoretical orientation and research methodology; the foundations of social life including the components of culture, social interaction and the process of socialization, groups, organizations, and deviance; economic social inequality based upon class, race, sex, and age; social institutions; and dimensions of social change. Students may not receive credit for both SOC-1 and 1H. 54 hours lecture. (Letter grade only)

35699  SOC-1  Lecture 3  ON-LINE  J Hill  06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

35700  SOC-1  Lecture 3  ON-LINE  J Hill  06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

35701  SOC-1  Lecture 3  ON-LINE  J Hill  06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

SOC-2  American Social Problems  
Prerequisite: None  
Description: Identification and analysis of major social problems confronting contemporary 20th century America; emphasizing, among other topics, urban and rural transformations, family life, minorities, criminal and delinquent behavior. 54 hours lecture. (Letter grade)

35703  SOC-2  Lecture 3  ON-LINE  M McKail  06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

SPANISH  

SPA-1  Spanish 1  
Prerequisite: None  
Advisory: Completion of placement test to assess level of proficiency in Spanish.  
Description: Develops basic skills in listening, reading, speaking and writing. Emphasis on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Spanish at the beginning level. Includes discussion of Hispanic culture and daily life. Students may receive credit for only one of the following: SPA-1 or SPA-1H. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

35704  SPA-1  Lecture 5  ON-LINE  I Vejar  06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

35705  SPA-1  Lecture 5  ON-LINE  L Rosales  06/21 - 07/29/21  
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

SPA-2  Spanish 2  
Prerequisite: SPA-1B or SPA-1 or SPA-1H, or qualifying placement level on the Spanish assessment test or the equivalent  
Description: Further development of basic skills in listening, reading, speaking and writing. A continued emphasis on the acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of standard spoken and written Spanish at the beginning level. This course includes an expanded discussion of Hispanic culture and daily life. Students may not receive credit for both SPA-2 and SPA-2H. 90 hours lecture and 18 hours laboratory. (TBA option)(Letter Grade, or Pass/No Pass option.)

* MOST 21SUM CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT *  
* SEE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION *
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**THEATER ARTS**

**THE-3 Introduction to the Theater**

- **Prerequisite:** None
- **Description:** A comprehensive study of theatrical styles and forms with units in directing, acting, designing, technical theater, playwriting, and genres, to acquaint the student with the diverse nature of theater leading to an appreciation and understanding of theater as a separate and distinctive art form. 54 hours lecture.

**THE-3 Lecture**

<table>
<thead>
<tr>
<th>Course#</th>
<th>Description</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Bldg-Room</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>35707</td>
<td>THE-3 Lecture</td>
<td>3</td>
<td>ON-LINE</td>
<td>W Stevens</td>
<td>06/21 - 07/29/21</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

**WORK EXPERIENCE**

**WKX-200 General Work Experience**

- **Prerequisite:** None
- **Advisory:** Students should have paid or voluntary employment
- **Description:** Work Experience is designed to coordinate the student's on-the-job training with workplace skills designed to assist the student in developing successful professional skills. Each student will establish measurable learning objectives appropriate for their job and discipline. Students may earn up to four (4) units each semester, for a maximum of 16 units of work experience total. 60 hours of volunteer work or 75 hours of paid work during the semester are required for each unit. No more than 20 hours per week, out of the 60 or 75 requirement, may be applied toward the work requirement. The course consists of an 18 hours of orientation/professional skills development and 60 hours of volunteer work experience per unit with a maximum of 240 for four units per semester OR 75 hours of paid work experience per unit, with a maximum of 300 for four units per semester. (Pass/No Pass or Letter Grade).

**WKX-200 Lecture**

<table>
<thead>
<tr>
<th>Course#</th>
<th>Description</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Bldg-Room</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>35710</td>
<td>WKX-200 Lecture</td>
<td>1</td>
<td>ON-LINE</td>
<td>E Doucette</td>
<td>06/21 - 07/29/21</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. In addition to the online lecture, students are required to attend an online orientation the first week of the semester. Enrolled students will be contacted to schedule the orientation before the start of the term. Students must also log hours at an approved worksite and attend one Zoom/Online meeting with the instructor.
# Non-Credit Classes

<table>
<thead>
<tr>
<th>SECT#</th>
<th>Course#</th>
<th>Description</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Bldg-Room</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>PDS-803</td>
<td>Increasing Productivity</td>
<td>0</td>
<td>ON-LINE</td>
<td>A Molina Padilla</td>
<td>06/21 - 07/19/21</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

| PDS-808 | Critical Thinking, Problem Solving and Decision Making | 0 | ON-LINE | R Wolfer | 06/21 - 07/19/21 |

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

| PDS-814 | Closing Techniques That Win the Sale | 0 | ON-LINE | V Mixson | 06/21 - 07/19/21 |

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.