

NORCO COLLEGE

CURRICULUM COMMITTEE MINUTES

September 09, 2024 - 2:00 pm

ZOOM for non-voting members and OC*116 for voting members

Brian Johnson chaired the meeting.

Members Present:

Brian Johnson..... Math, Engineering, Comp. Sci & Game Development –
Curriculum Chair
Dr. Quinton Bemiller..... Interim Vice President of Academic Affairs
Nicole C. Brown..... Office of Academic Affairs
Nicholas Franco..... Articulation Officer
Dr. Teresa Friedrich Finnern Natural Sciences, Health and Kinesiology
Dr. Mike Leese Human & Public Services
Jeff Mulari Math, Engin.Comp. Sci.& Game Dvlpmnt - Alternate
Vivian Harris..... Library
Dr. Patricia Avila Counseling – Guidance Department
John Alpay..... Business and Management
Dr. Melissa Wilson Social and Behavioral Sciences
Dr. Jessica Dobson Communications, Humanities and Languages
Paul VanHulle Applied Technologies and Apprenticeships

Members Absent:

Kim Kamerin Visual and Performing Arts
Dr. Courtney Doussett Dean of Instruction
Abigail Tan ASNC
Debra Karrer..... Dean of Instruction Office – IDC

A. Minutes May 27, 2025. MSC: M/ P. VanHulle, S/ M. Wilson, 10-Yeas, 0 Nays, 0 abstain. Vivian Harris voted via ZOOM from location 1145 Newfield Circle, Corona, CA.

B. Agenda September 9, 2025 MSC: M/ J. Mulari, S/ J. Alpay, 10-Yeas, 0 Nays, 0 abstain. * Vivian Harris voted via ZOOM from location 1145 Newfield Circle, Corona, CA.

C. Reminder Notices:

1. On the CurriQUnet Maverick website, there is a message about launch deadlines for the 26/27 catalog.
 - Phase 2A Common Course Numbering: September 19, 2025.
 - CCN Approval Deadline for Facilitators and Chairs: September 26, 2025
 - All other Proposals (Courses and Programs): October 3, 2025
 - Approval Deadlines for Facilitators and Chairs: October 10, 2025.

D. Discussion Items:

1. Annual Curriculum Training – Brian Johnson went over the PowerPoint presentation and Nicole Brown will post it on the Curriculum Committee website.
2. Standardized Accounting and list of affected courses– PDF memo provided. Dr. Bemiller reviewed the details and the potential impact on apportionment in RCCD. Nicole Brown will resend the memo again to the committee members.
3. Hours/Units Calculator – This was sent to the committee members and Brian Johnson explained how it worked. Nicole Brown sent the calculator to the committee members.
4. District Academic Standards Representative needed. Dr. Patricia Avila volunteered. Brian Johnson will notify them of the new representative.
5. CCN Phase 2A course launch date is September 19th.

Action Items:

E. Course Deletion: Items 1-2 take together: * Approved. MSC: M/ J. Alpay, S/ J. Mulari, 10-Yeas, 0 Nays, 0 abstain.

1. ALR-83 College Reading and Thinking *NR
2. ALR-86 Reading Strategies for Textbooks *NR

F. Course Inclusion: Items 1-4 take together: * Approved. MSC: M/ J. Alpay, S/ V. Harris, 10-Yeas, 0 Nays, 0 abstain.

1. ACC-19 Volunteer Income Tax Assistance Training *N
2. ACC-19L Volunteer Income Tax Assistance Tax Preparation *N
3. ACC-819 Volunteer Income Tax Assistance Training *N
4. ACC-819L Volunteer Income Tax Assistance Tax Preparation *N

G. Distance Education: Items 1-4 take together: * Approved. MSC: M/ P. VanHulle, S/ J. Dobson, 10-Yeas, 0 Nays, 0 abstain.

1. COMM-9DE Interpersonal Communication *MNR
2. COMM-9HDE Interpersonal Communication *MNR
3. ELE-10DE Survey of Electronics *N
4. ELE-810DE Survey of Electronics *N

H. Course Major Modification:

1. ALR-2 Strategic Reading *NR * Approved. MSC: M/ T. Friedrich Finnern, S/ V. Harris, 10-Yeas, 0 Nays, 0 abstain.
2. MUS-38 Beginning Applied Music I *MNR * Approved. MSC: M/ J. Alpay, S/ V. Harris, 10-Yeas, 0 Nays, 0 abstain
3. SPA-1 Spanish 1 *MNR * Approved. MSC: M/ J. Dobson, S/ J. Mulari, 10-Yeas, 0 Nays, 0 abstain
4. SPA-2 Spanish 2 *MNR * Approved. MSC: M/ J. Dobson, S/ J. Mulari, 10-Yeas, 0 Nays, 0 abstain

I. Program Modification:

1. ARE Architectural Graphics *N * Approved. MSC: M/ P. VanHulle, S/ P. Avila, 10-Yeas, 0 Nays, 0 abstain
2. ELE Digital Electronics *N * Approved. MSC: M/ P. VanHulle, S/ J. Dobson, 10-Yeas, 0 Nays, 0 abstain

J. Program Discontinuance: ** Removed from 9/9/25 agenda ** This was voted approved on in the May 27th, 2025 Curriculum Committee meeting. Tech Review should have removed it.

- ~~1. GAM Game Art: Character Modeling *N~~
- ~~2. GAM Game Art: Environments and Vehicles *N~~

K. Norco College Information item:

1. Course Minor Modification
 - a) ALR-1 Reading Tutor Training *NR
 - b) ALR-3 Reading for Academic and Lifelong Literacy *MNR
 - c) ALR-887 Reading Clinic *NR
 - d) BUS-10 Introduction to Business *MNR
 - e) PHY-10 Introduction to General Physics *MNR
 - f) PHY-11 Physics Laboratory *MNR
 - g) PHY-2A General Physics I *NR
 - h) PHY-2B General Physics II *NR

L. RCC and MVC Information Items:

1. Course Deletion:
 - a) ALR-882 Reading Skills and Strategies *MR
 - b) POR-2 Portuguese 2 *R
2. Course Inclusion:
 - a) KIN-38 Stress Management *M
3. Course Exclusion:
 - a) ADM-2C Ethics and Legalities for Graphic Designers *M
 - b) ESL-65 American Classroom Culture *M
 - c) ESL-90L Special Topics in English as a Second Language: Punctuation of Phrases and Clauses *M
 - d) ESL-90M Special Topics in English as a Second Language: Articles and Prepositions *M
 - e) HIS-11 Military History of the United States to 1900 *M
 - f) HIS-12 Military History of the US Since 1900 *M
 - g) HIS-35 History of Britain *M
 - h) HUM-4H Honors Arts and Ideas: Ancient World Through the Late Medieval Period *M

- i) HUM-5H Honors Arts and Ideas: The Renaissance through the Modern Era *M
- j) MAT-26 Math for Elementary School Teachers *M
- k) MUS-1 Teaching Music to Young Children *M
- l) MUS-38 Beginning Applied Music I *M
- m) MUS-78 Beginning Applied Music II *M

4. Course Major/Minor Modifications:

- a) AST-1A Introduction to the Solar System *MR
- b) AST-1AH Honors Introduction to the Solar System *R
- c) AST-1B Introduction to the Stars and Galaxies *MR
- d) CIS-38B Simulation and Gaming/3D Animation for Real-Time Interactive Simulations *M
- e) CIS-38C Simulation and Gaming/3D Dynamics and Rendering for Real-Time Interactive Simulations *M
- f) AIR-30 Residential System Installation
- g) AIR-61A Beginning Air Conditioning and Refrigeration 1 *R
- h) AIR-61B Advanced Air Conditioning and Refrigeration II *R
- i) AIR-64A Beginning Air Conditioning and Refrigeration Electricity *R
- j) AIR-64B Advanced Air Conditioning and Refrigeration Electricity II *R
- k) AIR-75 HVAC/R Systems Design *R
- l) AIR-76 Facilities Maintenance/Chillers *R
- m) AIR-77 Energy Conservation Methods for HVACR *R
- n) AIR-78 Safe Refrigerant Handling & Management *R
- o) AIR-80 Gas Heating *R
- p) AIR-83 All Weather Heating & Cooling System *R
- q) AIR-84 Boiler and Hydronic Heating *R
- r) AIR-90 Building Automation Fundamentals *R
- s) AIR-91 Advanced Building Control Networks *R
- t) AIR-92 Advanced Building Automation Networks and Programming *R
- u) BAK-46 Fundamentals of Baking and Pastry *R
- v) BAK-47 Advanced Baking and Pastry *R
- w) BAK-48 Dietary Baking *R
- x) BAK-74 Cost Control for Professional Skills in Baking *R
- y) BAK-80 Plated Desserts and Sauces *R
- z) BAK-81 Candies, Confections, and Treats *R
- aa) BAK-82 Advanced Cake Decorating Techniques *R
- bb) BAK-83 Chocolate Techniques and Bonbons *R
- cc) BAK-84 Sugar Artistry and Pastillage *R
- dd) BAK-874 Cost Control for Professional Skills in Baking *R
- ee) BAK-880 Plated Desserts and Sauces *R
- ff) BAK-881 Candies, Confections, and Treats *R
- gg) BAK-882 Advanced Cake Decorating Techniques *R
- hh) BAK-883 Chocolate Techniques and Bonbons *R
- ii) BAK-884 Sugar Artistry and Pastillage *R
- jj) CAT-61 Professional Office Procedures *MR

- kk) CAT-845 MOSPrep: Microsoft Office Outlook Core Exam Preparation *MR
- ll) JOU-1 Introduction to Journalism *MR
- mm) PHY-4D Modern Physics *MR

5. Distance Education:

- a) JOU-1DE Introduction to Journalism *MR
- b) PAL-86DE Tort Law and Alternative Dispute Resolution *R

6. Program Discontinuance:

- a) CAT Legal Administrative Professional *R
- b) COS Esthetician *R
- c) EST Zero Net Energy *R
- d) EST Building Inspection Technology *R
- e) AIR Building Energy Systems Professional in HVAC Technology *R
- f) MUS Music *M
- g) COS Cosmetology *R

7. Program Modification:

- a) EAR Elementary Teacher Education: Integrated Programs *M
- b) EAR Elementary Teacher Education: Integrated Programs *R
- c) HIS History *M
- d) PHI Philosophy *M

M. Open Forum: NONE

Adjourned: 3:16 pm

Next Meeting: September 23, 2025 *

2025	2026
09/09/25	JAN- No MTG.
09/23/25	02/24/26
10/14/25	03/10/26
10/28/25	03/24/26
11/13/25 *	04/28/26
12/09/25	05/12/26
	05/26/26

Statement of Purpose

The curriculum committee, a sub-committee of the academic senate, has two primary purposes: to review and approve new curriculum including new courses, course modifications, new programs and program modifications, and to review and approve the curriculum approval process. The college curriculum committee is the sole approving body for Norco College only curriculum. For district shared curriculum it has one vote in the district curriculum committee. The curriculum committee is also responsible for keeping abreast with state mandated curriculum changes and reporting those changes to faculty. Committee members report on curriculum at their department meetings and solicit suggestions and recommendations when needed.

Norco Curriculum Webpage

<https://www.norcollege.edu/committees/cc/index.html>

Curricunet

<https://rccd.curriqunet.com/>

Curricunet Training Videos

<http://bit.ly/metavideos>

PHASE I (COMPLETE)

These courses are active as of this year's catalog:

- COMM-C1000/H
- ENGL-C1000/H
- POLS-C1000/H
- PSYC-C1000/H
- STAT-C1000/H

COMM, ENGL, POLS, and PSYC also have all other courses in discipline using the four-letter discipline name stem

PHASE IIA

LAUNCH 9/19/25
FOR 26-27 (SUM
26) CATALOG

- AHS 1/1H → ARTH-C1100/H
- AHS 2/2H → ARTH-C1200/H
- ECO 7/7H → ECON-C2002/H
- ECO 8/8H → ECON-C2001/H
- ENG 1B/1BH → ENGL-C1003/H
- HIS 6/6H → HIST C1001/H
- HIS 7/7H → HIST C1002/H

PHASE IIB

MUST LAUNCH
SEPT 2026* FOR
27-28 (SUM 27)
CATALOG

***SHOULD LAUNCH
LATE FALL 2025 OR
SPRING 2026 TO
AVOID OVERLAP
WITH PHASE III**

- Courses in ANT, AST, BIO, COMM, EAR, MAT, SOC
- Templates became available in July 2025
- BIO for Anatomy & Physiology and Chemistry classes postponed to Phase III

PHASE III

MUST LAUNCH
SEPT 2026 FOR
27-28 (SUM 27)
CATALOG

- Currently, courses in ACC, ADJ, ART, AHS, BIO, BUS, EAR, COMM, HIS, KIN, MAT, MUS, PHI, POLS, PSYC, SOC, Chicano Studies (ETS?), College Comp for multi-language learners (ESL?)
- Templates not available until 2026 – can't work without template

THEN WHAT?



- When we have a CCN major mod, all courses in discipline will change to 4-character stem abbreviation
- Courses not in CCN retain articulations
- No further number or disc. changes unless locally desired

Common Course Numbering

§ 55002. Standards and Criteria for Courses.
5 CAADC § 55002
Barclays Official California Code of Regulations

Barclays California Code of Regulations
Title 5. Education
Division 6. California Community Colleges
Chapter 6. Curriculum and Instruction
Subchapter 1. Programs, Courses and Classes
Article 1. Program, Course and Class Classification and Standards

5 CCR § 55002

§ 55002. Standards and Criteria for Courses.

[Currentness](#)

(a) Degree-Applicable Credit Course. A degree-applicable credit course is a course which has been designated as appropriate to the associate degree in accordance with the requirements of section 55062, and which has been recommended by the college and/or district curriculum committee and approved by the district governing board as a collegiate course meeting the needs of the students.

(1) Curriculum Committee. The college and/or district curriculum committee recommending the course shall be established by the mutual agreement of the college and/or district administration and the academic senate. The committee shall be either a committee of the academic senate or a committee that includes faculty and is otherwise comprised in a way that is mutually agreeable to the college and/or district administration and the academic senate.

(2) Standards for Approval. The college and/or district curriculum committee shall recommend approval of the course for associate degree credit if it meets the following standards:

(A) Grading Policy. The course provides for measurement of student performance in terms of the stated course objectives and culminates in a formal, permanently recorded grade based upon uniform standards in accordance with section 55023. The grade is based on demonstrated proficiency in subject matter and the ability to demonstrate that proficiency, at least in part, by means of essays, or, in courses where the curriculum committee deems them to be appropriate, by problem solving exercises or skills demonstrations by students.

(B) Units. The course grants units of credit in a manner consistent with the provisions of section 55002.5. The course outline of record shall record the total number of hours in each instructional category specified in governing board policy, the total number of expected outside-of-class hours, and the total student learning hours used to calculate the award of credit.

(C) Intensity. The course treats subject matter with a scope and intensity that requires students to study independently outside-of-class time.

(D) Prerequisites and Corequisites. Except as provided in section 55522, when the college and/or district curriculum committee determines, based on a review of the course outline of record, that a student would be highly unlikely to receive a satisfactory grade unless the student has knowledge or skills not taught in the course, then the course shall require prerequisites or corequisites (credit or noncredit) that are established, reviewed, and applied in accordance with the requirements of this article.

(E) Basic Skills Requirements. If success in the course is dependent upon communication or computation skills, then the course shall require, consistent with the provisions of this article, as prerequisites or corequisites eligibility for enrollment in associate degree credit courses in English and/or mathematics, respectively.

(F) Difficulty. The course work calls for critical thinking and the understanding and application of concepts determined by the curriculum committee to be at college level.

(G) Level. The course requires learning skills and a vocabulary that the curriculum committee deems appropriate for a college course.

(2) Standards for Approval. The college and/or district curriculum committee shall recommend approval of the course for associate degree credit if it meets the following standards:

(A) Grading Policy. The course provides for measurement of student performance in terms of the stated course objectives and culminates in a formal, permanently recorded grade based upon uniform standards in accordance with section 55023. The grade is based on demonstrated proficiency in subject matter and the ability to demonstrate that proficiency, at least in part, by means of essays, or, in courses where the curriculum committee deems them to be appropriate, by problem solving exercises or skills demonstrations by students.

(B) Units. The course grants units of credit in a manner consistent with the provisions of section 55002.5. The course outline of record shall record the total number of hours in each instructional category specified in governing board policy, the total number of expected outside-of-class hours, and the total student learning hours used to calculate the award of credit.

(C) Intensity. The course treats subject matter with a scope and intensity that requires students to study independently outside-of-class time.

(D) Prerequisites and Corequisites. Except as provided in section 55522, when the college and/or district curriculum committee determines, based on a review of the course outline of record, that a student would be highly unlikely to receive a satisfactory grade unless the student has knowledge or skills not taught in the course, then the course shall require prerequisites or corequisites (credit or noncredit) that are established, reviewed, and applied in accordance with the requirements of this article.

(E) Basic Skills Requirements. If success in the course is dependent upon communication or computation skills, then the course shall require, consistent with the provisions of this article, as prerequisites or corequisites eligibility for enrollment in associate degree credit courses in English and/or mathematics, respectively.

(F) Difficulty. The course work calls for critical thinking and the understanding and application of concepts determined by the curriculum committee to be at college level.

(G) Level. The course requires learning skills and a vocabulary that the curriculum committee deems appropriate for a college course.

(3) Course Outline of Record. The course is described in a course outline of record that shall be maintained in the official college files and made available to each instructor. The course outline of record shall specify the unit value, the expected number of contact hours, outside-of-class hours, and total student learning hours for the course as a whole; the prerequisites, corequisites, or advisories on recommended preparation (if any) for the course; the catalog description, objectives, and content in terms of a specific body of knowledge. The course outline of record shall also specify types or provide examples of required reading and writing assignments, other outside-of-class assignments, instructional methodology, and methods of evaluation.

(4) Conduct of Course. Each section of the course is to be taught by a qualified instructor in accordance with a set of objectives and with other specifications defined in the course outline of record.

(5) Repetition. Repeated enrollment is allowed only in accordance with the provisions of article 4 of subchapter 1 of chapter 6 (commencing with section 54040), and section 58161.

(b) Nondegree-Applicable Credit Course. A credit course designated by the governing board as not applicable to the associate degree is a course which, at a minimum, is recommended by the college and/or district curriculum committee (the committee described and established under subdivision (a)(1) of this section) and is approved by the district governing board.

(1) Types of Courses. Nondegree-applicable credit courses are:

(A) nondegree-applicable basic skills courses as defined in subdivision (u) of section 55000;

(B) courses designed to enable students to succeed in degree-applicable credit courses (including, but not limited to, college orientation and guidance courses, and discipline-specific preparatory courses such as biology, history, or electronics) that integrate basic skills instruction throughout and assign grades partly upon the demonstrated mastery of those skills;

(C) precollegiate career technical preparation courses designed to provide foundation skills for students preparing for entry into degree-applicable credit career technical courses or programs;

(D) essential career technical instruction for which meeting the standards of subdivision (a) is neither necessary nor required.

(2) Standards for Approval. The college and/or district curriculum committee shall recommend approval of the course on the basis of the standards which follow.

(A) Grading Policy. The course provides for measurement of student performance in terms of the stated course objectives and culminates in a formal, permanently recorded grade based upon uniform standards in accordance with section 55023. The grade is based on demonstrated proficiency in the subject matter and the ability to demonstrate that proficiency, at least in part, by means of written expression that may include essays, or, in courses where the curriculum committee deems them to be appropriate, by problem solving exercises or skills demonstrations by students.

(B) Units. The course grants units of credit in a manner consistent with the provisions of section 55002.5. The course outline of record shall record the total number of hours in each instructional category specified in governing board policy, the total number of expected outside-of-class hours, and the total student learning hours used to calculate the award of credit.

(C) Intensity. The course provides instruction in critical thinking and generally treats subject matter with a scope and intensity that prepares students to study independently outside-of-class time and includes reading and writing assignments and homework. In particular, the assignments will be sufficiently rigorous that students successfully completing each such course, or sequence of required courses, will have acquired the skills necessary to successfully complete degree-applicable work.

(D) Prerequisites and corequisites. When the college and/or district curriculum committee deems appropriate, the course may require prerequisites or corequisites (credit or noncredit) for the course that are established, reviewed, and applied in accordance with this article.

(3) Course Outline of Record. The course is described in a course outline of record that shall be maintained in the official college files and made available to each instructor. The course outline of record shall specify the unit value, the expected number of contact hours, outside-of-class hours, and total student learning hours for the course as a whole; the prerequisites, corequisites, or advisories on recommended preparation (if any) for the course; the catalog description, objectives, and content in terms of a specific body of knowledge. The course outline of record shall also specify types or provide examples of required reading and writing assignments, other outside-of-class assignments, instructional methodology, and methods of evaluation.

(4) Conduct of Course. All sections of the course are to be taught by a qualified instructor in accordance with a set of objectives and with other specifications defined in the course outline of record.

(5) Repetition. Repeated enrollment is allowed only in accordance with the provisions of article 4 of subchapter 1 of chapter 6 (commencing with section 54040), and section 58161.

(c) Noncredit Course. A noncredit course is a course which, at a minimum, is recommended by the college and/or district curriculum committee (the committee described and established under subdivision (a)(1) of this section) and approved by the district governing board as a course meeting the needs of enrolled students.

(1) Standards for Approval. The college and/or district curriculum committee shall recommend approval of the course if the course treats subject matter and uses resource materials, teaching methods, and standards of attendance and achievement that the committee deems appropriate for the enrolled students. In order to be eligible for state apportionment, such courses must be approved by the Chancellor pursuant to article 2 (commencing with section 55150) of subchapter 2 of this chapter and satisfy the requirements of section 58160 and other applicable provisions of chapter 9 (commencing with section 58000) of this division.

(2) Course Outline of Record. The course is described in a course outline of record that shall be maintained in the official college files and made available to each instructor. The course outline of record shall specify the number of contact hours normally required for a student to complete the course, the catalog description, the objectives, contents in terms of a specific body of knowledge, instructional methodology, examples of assignments and/or activities, and methods of evaluation.

(3) Conduct of Course. All sections of the course are to be taught by a qualified instructor in accordance with the set of objectives and other specifications defined in the course outline of record.

(4) Repetition. Repeated enrollment is allowed only in accordance with provisions of article 4 of subchapter 1 of chapter 6 (commencing with section 54040), and section 58161.

(5) Prerequisites and corequisites. When the college and/or district curriculum committee deems appropriate, a noncredit course may serve as a prerequisite or corequisite for a credit course as established, reviewed, and applied in accordance with this article.

(d) Community Services Offering. A community services offering must meet the following minimum requirements:

(1) is approved by the district governing board;

(2) is designed for the physical, mental, moral, economic, or civic development of persons enrolled therein;

(3) provides subject matter content, resource materials, and teaching methods which the district governing board deems appropriate for the enrolled students;

(4) is conducted in accordance with a predetermined strategy or plan;

(5) is open to all members of the community willing to pay fees to cover the cost of the offering; and

(6) may not be claimed for apportionment purposes.

Title 5
§55002.5
Credit Hour
Definition

3 hours x 18
weeks = 1 unit

□ RCCD uses only **lecture** and **lab** categories (no activity category).

□ Sample Credit Hour Calculation To Calculate a Unit:

$$\frac{\text{Lecture Hours} + \text{Lab Hours} + \text{Homework Hours}}{54}$$

□ Units are awarded in .5 increments, with the exception of courses that do not have sufficient hours to meet the minimum for a .5 unit class. Credit courses that have enough hours for at least .25 units but not .5 are .25 unit courses. All courses at and above .5 units are awarded in .5 increments only.

Lecture Hours: 54.000
Outside-of-Class Hours: 108.000
Total Student Learning Hours: 162.000
Units: 3.00

Lecture Hours: 54.000
Lab Hours: 108.000
Outside-of-Class Hours: 108.000
Total Student Learning Hours: 270.000
Units: 5.00

Lecture Hours: 72.000
Lab Hours: 18.000
Outside-of-Class Hours: 144.000
Total Student Learning Hours: 234.000
Units: 4.00



Layers of Guidance

- **CA Education Code**
 - Statute, determined by legislation
- **Title 5 (California Code of Regulations)**
 - Interprets Ed Code into regulations, determined by Board of Governors
- **Chancellor's Office Program and Course Approval Handbook (PCAH)**
 - Establishes specific guidelines for implementing Title 5
 - Developed by Chancellor's Office with CCC Curriculum Committee (5C)
- **Chancellor's Office guidelines**
 - Further clarify implementation of title 5 and emerging issues (e.g. AB 1705)
- **ASCCC papers and reference guides**
 - Best practices available online through [ASCCC Publications](#)



Local Curriculum Approval process

- Faculty originates a proposal (new course, modification, DE, etc.)
- Discipline and Department approval
 - Minutes first; attach to proposal → launch
 - Affirm approvals with discipline lead and department chairs in Curricunet
- Tech Review (a district level committee that forwards; does not approve)
- College Curriculum Committees (MVC/NC/RCC)
- District Curriculum Committee
- Ed. Services → Board of Trustees → State Submission/Inventory
- Articulation submission once catalog ready (not listed in curricunet)

Types of Course Proposals

- New course
- Existing course modification
 - Major modification
 - Minor modification
- Distance education (DE) proposal
 - Hybrid and online
- Course inclusion (course inclusion form)
 - course already exists R or MV
- Course exclusion (course exclusion form)
 - course will still exist at R or MV
- Course deletion
 - course will no longer exist at any of the colleges

AN INTEGRATED COURSE OUTLINE

Parts of a course outline

- Course number and course title
- Hours and units
- Course description and short description
- Prerequisites, corequisites, and advisory
- Entrance skills
- Student learning outcomes (SLOs)
- Learning objectives
- Course content
- Methods of instruction
- Methods of evaluation
- Sample assignments
- Course materials

Entry Skills

List 3 or more skills which that students must possess upon entry to the course in order to justify their ability to succeed in this course.

These may consist of:

- generalized learning outcomes from a preceding sequential course;
 - skills acquired in on-the-job training;
 - skills learned in co-requisite or previously taken courses; or
 - background knowledge assessed through proficiency testing or certification (e.g., ability to speak a second language, to perform CPR, to use Visual Basic, etc.
- If applicable, link the entry skills to the prerequisite course.

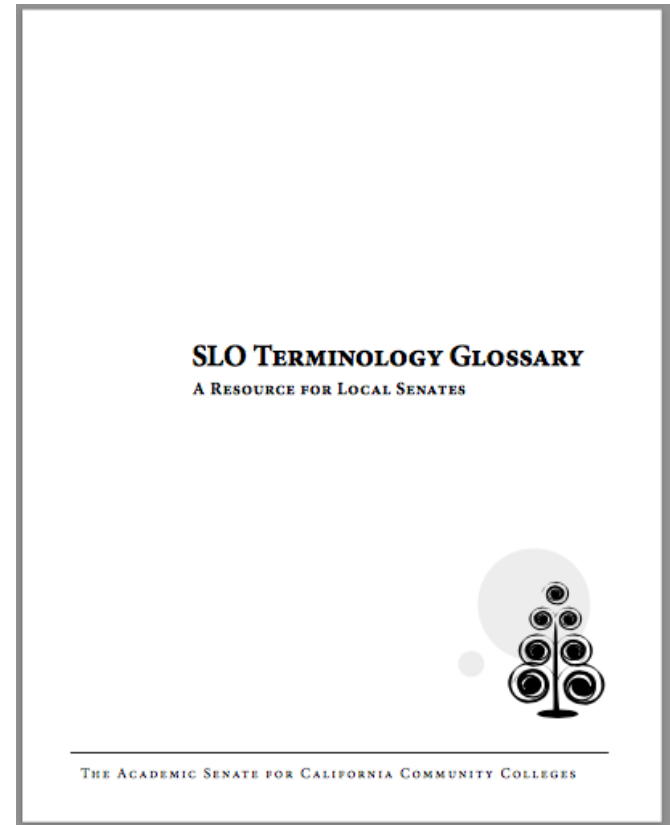
Definition: Objectives

- **The Course Outline of Record: A Curriculum Reference Guide Revisited (2017)**
 - [COR Guide revisited](#)
- Course objectives state the concepts or skills faculty introduce to students in a course or program in order to prepare students to meet a student learning outcome.
- Objectives are the means, not the ends.

Definition: Student Learning Outcomes

“Student learning outcomes (SLOs) are the specific observable or measurable results that are expected subsequent to a learning experience. These outcomes may involve knowledge (cognitive), skills (behavioral), or attitudes (affective) that provide evidence that learning has occurred as a result of a specified course, program activity, or process”

[SLO Terminology Glossary](#)



Course Student Learning Outcomes

- Synthesis of discreet skills using higher level critical thinking skills
- Typically encompass multiple discrete objectives
- The SLO synthesizes the content and skills learned by completing all the objectives.

Student Learning Outcomes

Write at least 3, but no more than 7, student learning outcomes which accurately reflect specific performance goals for students who successfully complete this course:

- Use as many higher-level Bloom's Taxonomic Verbs as possible, that is, those which require the critical thinking skills of analysis, synthesis and evaluation.
- If your course is vocational, applied, performance, or basic-skills, verbs demonstrating affective and psycho-motor skills are acceptable and expected.
- For performance, applied, vocational and basic-skills classes, group specific skills sets into general performance goals.
- Link the SLOs to the new General Education SLOs.

An example...

Course SLO:

- Evaluate and critique student drawings and receive criticism from others.

Underlying Course Objectives:

- Evaluate drawings orally using correct terminology related to concepts, materials, and techniques.
- Evaluate drawings in writing using correct terminology related to concepts, materials, and techniques.
- Critique finished drawings and receive criticism from others in a group setting

Another example...

Course SLO

- Write academic prose with a clear purpose and effective, logical, relevant support from sources.

Underlying Course Objectives

- Establish and maintain a clear controlling idea (a thesis) in a documented essay of at least 1,500 words with significant and substantive content that is based on college-level reading materials.
- Develop an essay that uses convincing evidence in a sequence of effective and organized paragraphs with a clear and apparent logical progression to illustrate a larger idea.
- Use the library and Internet as tools to find college-level reading materials. Comprehend and evaluate such texts. Incorporate these readings as concrete and credible support for a position. Acknowledge evidence from a variety of primary and secondary sources.

Another way of stating this

SLOs:

- Overarching, Summative, Measurable or Observable
- Represent synthesis in learning
- Applicable beyond the completion of the course
- Mapped to program learning outcomes

Objectives

- Specific, discrete skills, knowledge, abilities, attitudes students will learn in the course
- Mapped to course content

Critical Thinking

Students will be able to demonstrate higher-order thinking skills about issues, problems, and explanations for which multiple solutions are possible. Students will be able to explore problems and, where possible, solve them. Students will be able to develop, test, and evaluate rival hypotheses. Students will be able to construct sound arguments and evaluate the arguments of others.

Information Competency & Technology Literacy

Students will be able to use technology to locate, organize, and evaluate information. They will be able to locate relevant information, judge the reliability of sources, and evaluate the evidence contained in those sources as they construct arguments, make decisions, and solve problems.

Communication

Students will be able to communicate effectively in diverse situations. They will be able to create, express, and interpret meaning in oral, visual, and written forms. They will also be able to demonstrate quantitative literacy and the ability to use graphical, symbolic, and numerical methods to analyze, organize, and interpret data.

Self-Development & Global Awareness

Students will be able to develop goals and devise strategies for personal development and well-being. They will be able to demonstrate an understanding of what it means to be an ethical human being and an effective citizen in their awareness of diversity and various cultural viewpoints.

Course Content

- List of the key principles/ topics and subtopics that must be covered by all instructors.
- Actual **course content** should be listed here, **NOT activities or assessments**, such as introductions, midterm exams, etc.
- The use of a formal (but detailed) outline or indented style is highly recommended.
- NOTE:** “Components of a Model Course Outline of Record” (CA Academic Senate, Nov. 1995) states that the **course content** is “the central component of the outline. This section should include a complete listing of the topics taught in the course. They should be arranged by major headings with sub-topics”.
- Where multiple approaches to a course are reasonable and desirable, indicate this. For example, an instructor’s approach to a literature or social science class may legitimately be historical/ chronological, thematic, or genre-based.

Methods of Instruction

- Write your **methods of instruction** in such a way that the methods described are specifically related to the course objectives.
- Generally, the methods of instruction can be structured in two parts:
 - (1) A statement of the particular method (lecture, group activities, etc.) followed by
 - (2) a statement of what learning outcome that method is designed to activate (to gain practice in writing critical essays, to enhance awareness of XX, etc.)
- *Title 5 indicates that critical thinking must be a component of all college courses, so make sure your methods of instruction show that critical thinking is happening!*

Sample Methods of Instruction:

Bad:

Presentation of class lectures/discussions/demonstrations.

Good:

Presentation of class lectures/discussions/demonstrations on the operations of arithmetic to create proficiency in solving algebraic expressions.

Sample Methods of Instruction:

Bad:

Pair and group activities.

Good:

Pair and group activities to develop and discuss the interpretation of plays and the effectiveness of theatrical techniques.

Methods of Evaluation

Avoid a simple list. Clearly articulate how these methods of evaluation actually help instructors to assess whether or not students are achieving student learning outcomes.

Keep in mind that your list should include **typical assignments** used in achieving critical thinking.

Sample methods of evaluation:

Bad:

Oral reports and presentations.

Good:

Oral reports and presentations on the interpretation of live theatrical performances and dramatic texts for cultural content and performance technique.

Sample methods of evaluation:

Bad:

Quizzes/examinations.

Good:

Quizzes/examinations on the basic operations of arithmetic and their application to solving mathematical problems.

- Examples of Sample Reading Assignments:

Bad:

Read chapters from the required text.

Good:

Read about the various interdisciplinary approaches to creativity and how to activate the creative impulse.

- Examples of Sample Writing Assignments:

Bad:

Write a 1500 word essay.

Good:

Write a 1500 word essay on an analysis of the creativity and imagination of a famous person in history.

Course Materials

- List text(s) which are typical and appropriate for this course.
- Should include an updated text within 5 years.
- Use standard MLA or APA bibliographical form. **Alphabetize your list of texts.** See examples below.

[MLA format]

Rost, Michael. Listening Contours. 4th ed. Lingual House, 2004.

[APA format:]

Rost, Michael. (2005) *Sociolinguistics*. Oxford University Press.

- List or describe any additional materials, such as teacher-prepared booklets, cassette tapes, CDs, DVDs, supplementary readers, primary texts, etc.
- List or describe any other materials required for student use/success in this course, such as protective eyewear, uniforms, aprons, etc.

Distance Education

- DE proposals should explain how “regular effective contact” will take place.
- Unlike correspondence education, in which students are responsible for initiating contact with the instructor, DE instructors are required to actively initiate interaction with their students.

Forms of Instructor Initiated Contact

At a minimum, instructors should use:

- Threaded discussion forums within the course management system, with appropriate instructor participation.
- E-mail.
- Announcements
- Timely feedback on student work.
- Virtual Office Hours.
- Instructor prepared e-lectures or introductions in the form of e-lectures to any publisher created materials (written, recorded*, broadcast, etc.) that, combined with other course materials, creates the virtual equivalent of the face-to-face class.

- DE Courses are considered the *virtual* equivalent to face-to-face courses. Therefore, the frequency of the contact will be at least the same as would be established in a regular, face-to-face course. The number of instructor hours that an instructor is available to students enrolled in a DE class (asynchronous or synchronous) must be at least equal to the number of hours of availability required for face-to-face students.

Associate Degrees for Transfer (ADTs)

In response to Senate Bill 1440, the Academic Senates for California Community Colleges and California State University have developed a faculty-led, state-wide, concerted effort to identify the course content for new **associate degrees for transfer**, which simultaneously award students an associate degree and prepare them for special benefits/guarantees upon transfer to CSU. The C-ID infrastructure is being used to develop and vet the transfer model curriculum (TMC) in each of the most common transfer majors. Further, C-ID is being used to develop descriptors for all the courses in the TMCs, providing assurances to students and faculty that courses offered at one institution are comparable to those elsewhere, provided they have the same C-ID number.

**The c-id descriptors and TMC templates
can be found at c-id.net**

2025-2026 Riverside Community College District Curriculum Calendar

July 2025						
Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

August 2025						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

September 2025						
Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

October 2025						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

November 2025						
Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

December 2025						
Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

July	
3	Legal Holiday/Day of Observance

August	
--------	--

September	
1	Legal Holiday/Day of Observance
2	Tech Review and DCC
9	College Curriculum Committee
16	Tech Review and DCC
19	CCN Launch Deadline
23	College Curriculum Committee
26	CCN Approval Deadline for Chairs and Facilitators

October	
3	Launch Deadline - All Courses and Programs
7	Tech Review and DCC
10	Deadline for Department Chairs and Facilitators
14	College Curriculum Committee
21	Tech Review and DCC
28	College Curriculum Committee

November	
4	Tech Review and DCC - Last Possible TR
11	Legal Holiday/Day of Observance
13	Special College Curriculum/DCC - Last Possible
17	Chancellor's Cabinet Final Possible
18	Tech Review and DCC
24-27	Classes Not in Session

December	
2	Tech Review and DCC
2	Board of Trustees Committee - Final Possible
9	College Curriculum Committee
9	Board of Trustees - Final Possible

January 2026						
Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

February 2026						
Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

March 2026						
Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April 2026						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

May 2026						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

June 2026						
Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

January	
1	Legal Holiday/Day of Observance
19	Legal Holiday/Day of Observance

February	
13	Legal Holiday/Day of Observance
16	Legal Holiday/Day of Observance
24	College Curriculum Meeting

March	
3	Technical Review & District Curriculum
10	College Curriculum Meeting
17	Technical Review & District Curriculum
24	College Curriculum Meeting
31	Legal Holiday/Day of Observance

April	
7	Technical Review & District Curriculum
13-19	Spring Break
21	Technical Review & District Curriculum
27	CORs Effctv. for 26-27 Become Active in Meta
28	College Curriculum Meeting

May	
5	Technical Review & District Curriculum
12	College Curriculum Meeting
19	Technical Review & District Curriculum
25	Legal Holiday/Day of Observance
26	College Curriculum Meeting

June	
2	Technical Review & District Curriculum
6-12	Finals Week

TR/DCC meet 1st 3rd Tues; College Comm. meet 2nd 4th Tues

No mtngs: 1st week of term, finals week, or WIN/SUM

TO: Chief Executive Officers
Chief Business Officers
Chief Instructional Officers
Academic Senate Presidents

FROM: Christopher (Chris) Ferguson, Executive Vice Chancellor
College Finance and Facilities
Office of Institutional Supports and Success

Rowena Tomaneng, Deputy Chancellor

RE: Standardized Attendance Accounting Regulations Updates

The Board of Governors recently approved new regulations that alter how districts calculate Full-Time Equivalent Students (FTES) for credit courses. Our office issued guidance memo [FS 24-08](#) on September 24, 2024 and an [FAQ document](#) containing answers to frequently asked questions on January 15, 2025. This memorandum provides additional clarifying information on the forthcoming changes, Chancellor's Office recommendations, and next steps as districts transition to the new FTES calculations.

Overview of Potential Issues as Districts Transition

A few issues have been brought to our attention as districts are beginning to transition to the new Standardized Attendance Accounting Method. These issues are summarized as follows:

Issue 1: Units not Broken out by Lecture and Lab on the COR

Some districts have stated that the Course Outlines of Record (COR) do not identify the lecture units and lab units separately. Instead, the COR states only the total units for the course. However, the COR hours have been established and prorated in accordance with Title 5 §55002.5 and their board policy on unit values.

Example: A course identified as lecture/lab in the COR is scheduled with 36 hours of lecture and 54 hours of lab. The total units stated on the COR is 3 units, however the units are not labeled as lecture units or lab units.

Chancellor's Office Recommendations

The new Standardized Attendance Accounting method computes FTES based on the number of units of lecture, lab, and activity instruction as stated in the course outline of record. The multipliers are different for each type of instruction (lecture, lab, activity) so districts need to identify how many units and the type of units to compute FTES for each course.

The COR is expected to delineate units and hours of lecture, activity, and lab and should define the expected content and outcomes for each¹. If the COR delineates the hours only and states the total units for the class without separating into lecture, lab, and activity, the district may compute the units based on the hours and use those unit values in the Standardized Attendance Accounting method computation of FTES as long as they are not claiming more than the total units as stated on the COR.

Considering the example above, one could easily compute that 1 unit is attributed to the lab hours (54 hours per unit) and 2 units are attributed to the lecture hours (18 hours per unit x 2 = 36 hours). The total of 3 units matches the total units listed on the COR. In computing FTES using the Standardized Attendance Accounting method, the district could use the lecture multiplier for 2 units and the lab multiplier for 1 unit. See example below:

- 3 unit course (2 units lecture and 1 unit of lab), semester college
- 2 units lecture x 18 hours = 36 standardized total hours (lecture)
- 1 unit lab x 54 hours = 54 standardized total hours (lab)
- $36 + 54 = 90$ standardized total hours (lecture and lab) x 30 students = $2700 / 525 = 5.14$ FTES

Going forward, our office recommends delineating the number of units of lecture, lab, and activity separately on the COR to better align with the Standardized Attendance Accounting Method FTES computation.

Issue 2: Lecture Courses Scheduled with Lab Hours, but no Units Awarded for the Extra Hours

A few districts have identified lecture courses that are scheduled with extra lab hours that students attend but there are no units of credit awarded for these lab hours. These districts have expressed concern that they will lose FTES in these courses under the new Standardized Attendance Accounting method compared to the prior methods because they will no longer generate FTES for these extra hours.

Example: A course identified as lecture in the COR is scheduled with 54 hours of lecture and 18 hours of lab. The total units stated on the COR is 3 units (0 units are awarded for the 18 lab hours).

Chancellor's Office Recommendations

Districts that schedule courses in such a way that students attend extra hours but do not earn units of credit for this time should review courses with this scheduling pattern and determine

¹ See ASCCC: THE COURSE OUTLINE OF RECORD: A CURRICULUM REFERENCE GUIDE REVISITED (2017) https://www.asccc.org/sites/default/files/COR_0.pdf for a thorough discussion of units and hours within the COR.

whether these extra hours are necessary and result in better student outcomes. Articulation agreements and local board policy regarding the awarding of credit should govern these decisions. If it is determined that the extra hours are necessary and contribute to improved student success, districts could take one of the following actions to enable the district to continue claiming apportionment for those hours under the Standardized Attendance Accounting Method:

- Adjust the configuration of the unit values for the course. For example, a 3 unit course with 54 hours of lecture and 18 hours of laboratory, meriting 3 units of lecture and 0 units of lab can instead be reconfigured in one of two ways that maintain total units at 3 and total contact hours at 72:
 - For example, a 3-unit lecture (54 hours) with 18 hours of un-transcriptable lab will meet up to 72 hours. A 2.5-unit lecture (45 hours) with 0.5 units of lab will meet for up to 72 hours and may serve the same instructional needs. Articulation and local board policy regarding the awarding of credit should govern these decisions.
- Convert the extra hours to a noncredit or credit co-requisite course that satisfies the same goals of adding un-transcribed hours. Districts that choose this approach should consider possible implications to financial aid or other areas.

Districts vary greatly in their course offerings and scheduling practices. The Chancellor's Office is providing options that may assist in meeting the goal to maintain the level of apportionment generated under the prior attendance accounting methods, for courses with non-traditional scheduling practices. Districts should work locally to determine the best option for students and their particular course offerings.

Additional Year of Flexibility as Districts Transition

The updated regulations require that districts transition to the new Standardized Attendance Accounting method beginning in 2026-27. To allow districts some extra time and accommodate the workload that will be created for those districts that need to amend their course schedules to better align with the Standardized Attendance Accounting Method (Issue 2 described above), the Chancellor's Office will allow districts to use hours rather than units to compute FTES through 2026-27 recal. Districts that transition in 2024-25 or 2025-26 may use hours instead of units for those years as well. **Beginning in 2027-28, districts must use units as stated on the COR in calculating FTES under the Standardized Attendance Accounting Method.**

Beginning in 2027-28, districts must use the total units as stated on the COR, meaning if the course is a total of 3 units on the COR, the total of the lecture, lab, and activity units used to compute FTES under the Standardized Attendance Accounting Method should be 3 units.

During this transition time, districts may use hours instead of units as follows:

Example: 3-unit lecture course (54 hours lecture) with an additional 18 hours of lab (0 lab units)

Standardized Attendance Accounting Regulations Updates

May 27, 2025

3- unit lecture x 18 hours = 54 standardized total hours (lecture)

Add total lab hours 18 hours (lab)

$54 + 18 = 72$ standardized total hours (lecture and lab) x 30 students = 2160 / 525 = 4.11 FTES

Contact

For questions on the Course Outline of Record, course scheduling, or minimum hours to award a unit of credit, please contact Raul Arambula at rarambula@cccco.edu. For questions on attendance accounting and the CCFS-320, please contact Natalie Wagner at nwagner@cccco.edu or Rafael Artiga Meza at artiga@cccco.edu.

Cc: Dr. Sonya Christian, Chancellor
Lorena Romero, Director, Fiscal Standards and Accountability Unit
Raul Arambula, Dean of Equitable Student Learning, Experience and Impact

Course (Discipline and Number):	ENGL-C1000
---------------------------------	-------------------

Course (Discipline and Number):	ENGL-C1000
---------------------------------	-------------------

Hover here for explanation.

[illegible]

Is the lab an
extensive prep lab?

☐ FALSE

Hover here for explanation.

Lecture Units	Lab Units	Actual Units
4.00	0.33	4.33
3.33	0.67	4.00
3.50	0.50	4.00
3.67	0.33	4.00
3.83	0.17	4.00
4.00	0.00	4.00
3.78	0.22	4.00
3.33	0.17	3.50
3.00	0.50	3.50
4.00	0.25	4.25

Lecture FTE for TA (Hours ÷ 270)	Lab FTE for TA (Hours ÷ 360)
0.2667	0.0500
0.2222	0.1000
0.2333	0.0750
0.2444	0.0500
0.2556	0.0250
0.2667	0.0000
0.2519	0.0333
0.2222	0.0250
0.2000	0.0750
0.2667	0.0375

# of Sections Semester 1	# of Sections Semester 2
3	4

Faculty Load

Total FTE For Faculty TA	FTE Semester 1 (Based on Total FTE)	FTE Semester 2 (Based on Total FTE)	Total FTE (Based on Total FTE)
0.3167 ↓	0.9500 ↑	1.2667 ↑	2.2167
0.3222 ↓	0.9667 ↑	1.2889 ↑	2.2556
0.3083 ↓	0.9250 ↑	1.2333 ↑	2.1583
0.2944 ↓	0.8833 ↑	1.1778 ✓	2.0611
0.2806 ↓	0.8417 ↑	1.1222 ✓	1.9639
0.2667 ↓	0.8000 ↑	1.0667 ↓	1.8667
0.2852 ↓	0.8556 ↑	1.1407 ✓	1.9963
0.2472 ↓	0.7417 ✓	0.9889 ↓	1.7306
0.2750 ↓	0.8250 ↑	1.1000 ↓	1.9250
0.3042 ↓	0.9125 ↑	1.2167 ↑	2.1292

Course Cap

30

Hover here for explanation.

Notes

New FTES Calculation

Lecture FTES	Lab FTES	Total FTES
4.1142857	1.0285714	5.1428571
3.4285714	2.0571429	5.4857143
3.6000000	1.5428571	5.1428571
3.7714286	1.0285714	4.8000000
3.9428571	0.5142857	4.4571429
4.1142857	0.0000000	4.1142857
3.8857143	0.6857143	4.5714286
3.4285714	0.5142857	3.9428571
3.0857143	1.5428571	4.6285714
4.1142857	0.7714286	4.8857143

Hover here for explanation.

Part Time Faculty Pay - Group 1			
Lecture Pay (\$79.43 / hour)		Lab Pay (\$60.13 / hour)	Total Pay
\$	5,718.96	\$ 1,082.34	\$ 6,801.30
\$	4,765.80	\$ 2,164.68	\$ 6,930.48
\$	5,004.09	\$ 1,623.51	\$ 6,627.60
\$	5,242.38	\$ 1,082.34	\$ 6,324.72
\$	5,480.67	\$ 541.17	\$ 6,021.84
\$	5,718.96	\$ -	\$ 5,718.96
\$	5,401.24	\$ 721.56	\$ 6,122.80
\$	4,765.80	\$ 541.17	\$ 5,306.97
\$	4,289.22	\$ 1,623.51	\$ 5,912.73
\$	5,718.96	\$ 811.76	\$ 6,530.72

Hover here for explanation.

Ho
Lecture Hours
72
60
63
66
69
72
68
60
54
72

anation.

ours	
Lab Hours	
	18
	36
	27
	18
	9
	0
	12
	9
	27
	13.5

Discipline	Number	Course	Title	MOV	NOR
ADJ	14	ADJ-14	Advanced Criminal Investigation		NOR
ADJ	26	ADJ-26	Ethics and Leadership	MOV	
ADJ	42	ADJ-42	Criminal Behavior and Intelligence Analysis	MOV	
ADJ	43	ADJ-43	Criminal Intelligence Analyst Simulation	MOV	
ADJ	A10A	ADJ-A10A	Vice Operations	MOV	
ADJ	A11A	ADJ-A11A	Effective Writing for Law Enforcement	MOV	
ADJ	A13A	ADJ-A13A	Drug Use Recognition	MOV	
ADJ	A14A	ADJ-A14A	Search Warrant Preparation Workshop	MOV	
ADJ	A14B	ADJ-A14B	Search Warrant Execution	MOV	
ADJ	A23A	ADJ-A23A	Law Enforcement on Tribal Lands	MOV	
ADJ	A29A	ADJ-A29A	Courtroom Testimony/Demeanor	MOV	
ADJ	A31A	ADJ-A31A	Civil Procedures, Advanced (POST)	MOV	
ADJ	A3A	ADJ-A3A	Child Abuse Investigations	MOV	
ADJ	A42A	ADJ-A42A	Crime Scene Inv./video taping, Advanced	MOV	
ADJ	A44A	ADJ-A44A	Laser Operator	MOV	
ADJ	A48A	ADJ-A48A	Basic Criminal Investigation	MOV	
ADJ	A5A	ADJ-A5A	Bicycle Patrol	MOV	
ADJ	B1A	ADJ-B1A	Intro to Wellness and Physical Conditioning	MOV	
ADJ	B1B	ADJ-B1B	Basic Peace Officer Training Academy	MOV	
ADJ	B3A	ADJ-B3A	Basic Community Service Officer Academy	MOV	
ADJ	C1D	ADJ-C1D	Basic Correctional Deputy Academy	MOV	
ADJ	C2A	ADJ-C2A	Adult Correctional Officer Supplemental	MOV	
ADJ	D1A	ADJ-D1A	Basic Public Safety Dispatch Course	MOV	
ADJ	D1B	ADJ-D1B	Dispatcher Update, Public Safety	MOV	
ADJ	D1C	ADJ-D1C	Communications Training Officer Course	MOV	
ADJ	D3A	ADJ-D3A	Dispatcher Update - Handling the Rising	MOV	
ADJ	D4A	ADJ-D4A	Dispatcher Role Critical Incidents	MOV	
ADJ	D4B	ADJ-D4B	Dispatcher Role in Critical Incidents Academy	MOV	
ADJ	D5A	ADJ-D5A	Dispatcher Public Safety Advanced	MOV	
ADJ	D6A	ADJ-D6A	Dispatcher, Crisis Negotiations	MOV	
ADJ	D7A	ADJ-D7A	Dispatcher Domestic Violence and Sexual	MOV	
ADJ	P4A	ADJ-P4A	PC 832 Arrest, Search and Seizure	MOV	
ADJ	R1A2	ADJ-R1A2	Level III Modular Academy Training	MOV	
ADJ	R1B	ADJ-R1B	Level II Modular Academy Training	MOV	
ADJ	R1C	ADJ-R1C	Regular Basic Course, Modular Format	MOV	
ADJ	S1A	ADJ-S1A	Supervisory Course	MOV	
ADJ	T1A	ADJ-T1A	Traffic Collision Investigation: Basic	MOV	
ADJ	T1B	ADJ-T1B	Intermediate Traffic Collision Investigation	MOV	
ADJ	T1C	ADJ-T1C	Traffic Collision Investigation, Advanced	MOV	
ADJ	T1D	ADJ-T1D	Traffic Collision Reconstruction	MOV	
ADJ	T2A	ADJ-T2A	Radar Operations	MOV	
ADJ	W10A	ADJ-W10A	PC 832 Firearms	MOV	
ADM	1	ADM-1	Introduction to Applied Digital Media and	MOV	
ADM	62	ADM-62	Typography and Graphic Design	MOV	
ADM	66	ADM-66	Visual Storytelling		
ADM	67	ADM-67	Multimedia Animation	MOV	
ADM	70	ADM-70	Project Production and Portfolio	MOV	
ADM	83	ADM-83	Packaging Design		

ADM	63A	ADM-63A	Design For Print Publication	MOV	
ADM	63B	ADM-63B	Design for Electronic Publication	MOV	
ADM	68A	ADM-68A	3D Animation with Maya I		
ADM	68B	ADM-68B	3D Animation with Maya II		
ADM	69A	ADM-69A	Motion Graphics and Special Effects I		
ADM	69B	ADM-69B	Motion Graphics and Special Effects II		
ADM	71A	ADM-71A	Adobe Photoshop for Image Manipulation	MOV	
ADM	71B	ADM-71B	Adobe Photoshop, Advanced	MOV	
ADM	74A	ADM-74A	Web Design		
ADM	74B	ADM-74B	Web Design II		
ADM	77A	ADM-77A	Adobe Illustrator for Graphic Art	MOV	
ADM	77B	ADM-77B	Adobe Illustrator, Advanced	MOV	
ADM	84A	ADM-84A	Screen Printing		
ADM	84B	ADM-84B	Screen Printing, Advanced		
ADM	85A	ADM-85A	Commercial Printing		
ADM	85B	ADM-85B	Commercial Printing, Advanced		
ARA	1	ARA-1	Arabic 1		NOR
ARA	2	ARA-2	Arabic 2		
ARA	3	ARA-3	Arabic 3		
ARE	24	ARE-24	Revit I-Architectural Drafting		NOR
ARE	25	ARE-25	Revit II-Advanced Architectural Drafting		NOR
ARE	37	ARE-37	Architectural Design I		NOR
ARE	63	ARE-63	3D Tour, Virtual, Mixed, Augmented and Immersive		NOR
ART	15	ART-15	Beginning Ceramics		
ART	16	ART-16	Intermediate Ceramics		
ART	17	ART-17	Beginning Drawing	MOV	NOR
ART	18	ART-18	Intermediate Drawing	MOV	NOR
ART	19	ART-19	Experimental Methods & Materials		NOR
ART	20	ART-20	Beginning Sculpture	MOV	NOR
ART	21	ART-21	Intermediate Sculpture	MOV	
ART	22	ART-22	Two Dimensional Design	MOV	NOR
ART	23	ART-23	Color Theory and Design	MOV	NOR
ART	24	ART-24	Three Dimensional Design	MOV	NOR
ART	26	ART-26	Beginning Painting	MOV	NOR
ART	27	ART-27	Intermediate Painting	MOV	NOR
ART	34	ART-34	Studio Three Dimensional Design		
ART	38	ART-38	Studio Illustration		
ART	39	ART-39	Design and Graphics		NOR
ART	45	ART-45	Studio Watercolor Painting	MOV	
ART	46	ART-46	Studio Sculpture	MOV	
ART	47	ART-47	Studio Ceramics		
ART	25A	ART-25A	Watercolor - Beginning	MOV	NOR
ART	25B	ART-25B	Watercolor - Intermediate	MOV	NOR
ART	28A	ART-28A	Studio Painting-Portfolio Preparation	MOV	NOR
ART	28B	ART-28B	Studio Painting-Portfolio Presentation	MOV	
ART	30A	ART-30A	Printmaking-Introduction		
ART	30B	ART-30B	Printmaking-Intermediate		
ART	35A	ART-35A	Illustration - Beginning	MOV	
ART	35B	ART-35B	Illustration - Intermediate	MOV	

ART	36A	ART-36A	Computer Art-Introduction	MOV	NOR
ART	36B	ART-36B	Computer Art-Intermediate	MOV	NOR
ART	40A	ART-40A	Figure Drawing-Introduction	MOV	NOR
ART	40B	ART-40B	Figure Drawing-Intermediate	MOV	NOR
ART	41A	ART-41A	Figure Painting-Introduction		NOR
ART	41B	ART-41B	Figure Painting-Intermediate		
ART	42A	ART-42A	Studio Figure Drawing-Portfolio Preparation	MOV	
ART	42B	ART-42B	Studio Figure Drawing-Portfolio Presentation	MOV	
ART	43A	ART-43A	Studio Figure Painting-Portfolio Preparation		
ART	43B	ART-43B	Studio Figure Painting-Portfolio Presentation		
ART	44A	ART-44A	Beginning Animation Principles		
ART	44B	ART-44B	Intermediate Animation Principles		
ART	44C	ART-44C	Advanced Animation Principles		
ART	48A	ART-48A	Studio Drawing-Portfolio Preparation	MOV	NOR
ART	48B	ART-48B	Studio Drawing-Portfolio Presentation	MOV	
ART	49A	ART-49A	Studio Printmaking-Portfolio Preparation		
ART	49B	ART-49B	Studio Printmaking-Portfolio Presentation		
ART	50A	ART-50A	Beginning Storyboarding		
ART	50B	ART-50B	Intermediate Storyboarding		
ART	51A	ART-51A	Beginning Animation Production		
ART	51B	ART-51B	Intermediate Animation Production		
ASL	1	ASL-1	American Sign Language 1	MOV	NOR
ASL	2	ASL-2	American Sign Language 2	MOV	
ASL	3	ASL-3	American Sign Language 3	MOV	
ASL	4	ASL-4	American Sign Language 4		
ASL	5	ASL-5	American Sign Language for Interpret		
CAT	3	CAT-3	Computer Applications for Business	MOV	NOR
CAT	37	CAT-37	Legal Terminology		
CAT	38	CAT-38	Legal Word Processing and Forms		
CAT	50	CAT-50	Beginning Computer Keyboarding	MOV	
CAT	51	CAT-51	Intermediate Keyboarding/Document	MOV	NOR
CAT	53	CAT-53	Keyboarding Fundamentals	MOV	
CAT	62	CAT-62	Records Management	MOV	
CAT	65	CAT-65	Introduction to Microsoft PowerPoint	MOV	
CAT	79	CAT-79	Introduction to Adobe Illustrator	MOV	NOR
CAT	80	CAT-80	Word Processing: Microsoft Word for	MOV	NOR
CAT	81	CAT-81	Introduction to Desktop Publishing using	MOV	
CAT	90	CAT-90	Microsoft Outlook	MOV	NOR
CAT	91	CAT-91	Microsoft Project		
CAT	92	CAT-92	Adobe Acrobat		
CAT	93	CAT-93	Computers for Beginners	MOV	NOR
CAT	36A	CAT-36A	Legal Office Procedures I		
CAT	36B	CAT-36B	Legal Office Procedures II		
CAT	78A	CAT-78A	Introduction to Adobe Photoshop	MOV	NOR
CAT	78B	CAT-78B	Advanced Adobe Photoshop	MOV	
CAT	95A	CAT-95A	Introduction to the Internet -- Living O		
CAT	98A	CAT-98A	Introduction to Excel	MOV	NOR
CAT	98B	CAT-98B	Advanced Excel	MOV	NOR
CHI	1	CHI-1	Chinese 1		NOR

CHI	2	CHI-2	Chinese 2		NOR
CIS	2	CIS-2	Fundamentals of Systems Analysis	MOV	NOR
CIS	3	CIS-3	Computer Applications for Business	MOV	NOR
CIS	4	CIS-4	Practical Computer Security	MOV	
CIS	7	CIS-7	Discrete Structures	MOV	NOR
CIS	11	CIS-11	Computer Architecture and Organizat	MOV	NOR
CIS	12	CIS-12	PHP Dynamic Web Site Programming	MOV	NOR
CIS	20	CIS-20	Systems Analysis and Design	MOV	
CIS	21	CIS-21	Introduction to Operating Systems	MOV	NOR
CIS	35	CIS-35	Introduction to Simulation and Game I	MOV	
CIS	36	CIS-36	Introduction to Computer Game Desig	MOV	
CIS	37	CIS-37	Beginning Level Design/Computer Ga	MOV	
CIS	59	CIS-59	Typography and Graphic Design		NOR
CIS	61	CIS-61	Introduction to Database Theory	MOV	NOR
CIS	62	CIS-62	Microsoft Access		
CIS	63	CIS-63	Introduction to Structured Query Lang	MOV	NOR
CIS	65	CIS-65	Introduction to Microsoft PowerPoint	MOV	
CIS	66	CIS-66	Web Development I		NOR
CIS	71	CIS-71	UX/UI Web Design		
CIS	79	CIS-79	Introduction to Adobe Illustrator	MOV	NOR
CIS	80	CIS-80	Word Processing: Microsoft Word for	MOV	NOR
CIS	81	CIS-81	Introduction to Desktop Publishing usi	MOV	NOR
CIS	90	CIS-90	Microsoft Outlook	MOV	NOR
CIS	91	CIS-91	Microsoft Project		
CIS	93	CIS-93	Computers for Beginners	MOV	NOR
CIS	100	CIS-100	IT Workplace Readiness	MOV	
CIS	14A	CIS-14A	Web Programming: JavaScript	MOV	
CIS	17A	CIS-17A	Programming Concepts and Methodo	MOV	NOR
CIS	17B	CIS-17B	C++ Programming: Advanced Objects	MOV	NOR
CIS	17C	CIS-17C	C++ Programming: Data Structures	MOV	NOR
CIS	18A	CIS-18A	Java Programming: Objects	MOV	NOR
CIS	18B	CIS-18B	Java Programming: Advanced Object	MOV	NOR
CIS	18C	CIS-18C	Java Programming: Data Structures	MOV	NOR
CIS	1A	CIS-1A	Introduction to Computer Information	MOV	NOR
CIS	1B	CIS-1B	Advanced Concepts in Computer Info	MOV	
CIS	21B	CIS-21B	Linux Operating System Administratio		
CIS	21C	CIS-21C	Red Hat Linux System Administration		
CIS	27A	CIS-27A	Computer Forensics Fundamentals	MOV	
CIS	27B	CIS-27B	Introduction to Cybersecurity: Ethical	MOV	
CIS	27C	CIS-27C	Palo Alto Networks Firewall Essential		
CIS	30A	CIS-30A	Introduction to Python Programming	MOV	NOR
CIS	30B	CIS-30B	Python Programming in Networking	MOV	NOR
CIS	30C	CIS-30C	Python Programming in Cybersecurity	MOV	NOR
CIS	30D	CIS-30D	Python Programming for Internet of T	MOV	NOR
CIS	30E	CIS-30E	Advanced Python Programming	MOV	NOR
CIS	40A	CIS-40A	Computer Network Fundamentals	MOV	
CIS	40B	CIS-40B	Network Routing & Switching Essenti	MOV	
CIS	40C	CIS-40C	Installing, Configuring and Administer	MOV	
CIS	40D	CIS-40D	Systems and Network Administration	MOV	

CIS	41A	CIS-41A	Principles of Cybersecurity Analysis	MOV	
CIS	41B	CIS-41B	Healthcare Information Security & Pri	MOV	
CIS	41D	CIS-41D	Advanced Security Concepts and Pra	MOV	
CIS	48A	CIS-48A	Introduction to Cloud Computing	MOV	
CIS	48D	CIS-48D	Cloud Security Essentials	MOV	
CIS	54A	CIS-54A	Introduction to Animate	MOV	
CIS	56A	CIS-56A	Designing Web Graphics	MOV	
CIS	68A	CIS-68A	Introduction to Machine Learning	MOV	
CIS	68B	CIS-68B	Big Data Fundamentals	MOV	
CIS	70A	CIS-70A	Foundations of Data Science	MOV	
CIS	72A	CIS-72A	Introduction to Web Page Creation	MOV	
CIS	72B	CIS-72B	Intermediate Web Page Creation Usir	MOV	
CIS	76A	CIS-76A	Introduction to Microsoft Expression V	MOV	
CIS	76B	CIS-76B	Introduction to Dreamweaver	MOV	
CIS	78A	CIS-78A	Introduction to Adobe Photoshop	MOV	NOR
CIS	78B	CIS-78B	Advanced Adobe Photoshop	MOV	NOR
CIS	87A	CIS-87A	Introduction to IT Project Managemen	MOV	
CIS	95A	CIS-95A	Introduction to the Internet -- Living O	MOV	
CIS	98A	CIS-98A	Introduction to Excel	MOV	NOR
CIS	98B	CIS-98B	Advanced Excel	MOV	NOR
COS	60A	COS-60A	Beginning Cosmetology Concepts		
COS	60A1	COS-60A1	Cosmetology Concepts Level A1		
COS	60A2	COS-60A2	Cosmetology Concepts Level A2		
COS	60B	COS-60B	Level II Cosmetology Concepts		
COS	60B1	COS-60B1	Cosmetology Concepts Level B1		
COS	60B2	COS-60B2	Cosmetology Concepts Level B2		
COS	60B3	COS-60B3	Level II Haircutting Barbering Concep		
COS	60C	COS-60C	Level III Cosmetology Concepts		
COS	60C1	COS-60C1	Cosmetology Concepts Level C1		
COS	60C2	COS-60C2	Cosmetology Concepts Level C2		
COS	60D	COS-60D	Level IV Cosmetology Concepts		
COS	60D1	COS-60D1	Cosmetology Concepts Level D1		
COS	60D2	COS-60D2	Cosmetology Concepts Level D2		
COS	62A1	COS-62A1	Esthetician Concepts Level A1		
COS	62A2	COS-62A2	Esthetician Concepts Level A2		
COS	62B1	COS-62B1	Esthetician Concepts Level B1		
COS	62B2	COS-62B2	Esthetician Concepts Level B2		
COS	90A	COS-90A	Level I Clinic Floor Concepts		
CRP	404	CRP-404	Lifting and Bracing Safety - Site Awar		NOR
CRP	425	CRP-425	Welding Fabrication		NOR
CRP	462	CRP-462	Standard Acoustical Grids		NOR
CRP	463	CRP-463	Suspended Ceilings		NOR
CRP	464	CRP-464	Acoustical Soffits		NOR
CRP	465	CRP-465	Prefab/Sound Panels		NOR
CRP	466	CRP-466	Concealed/Glue-Up/Staple-Up Syster		NOR
CRP	467	CRP-467	Designer and Specialty Trims		NOR
CRP	468	CRP-468	Metal Pan and Security Systems		NOR
CRP	483	CRP-483	Door and Door Frames (Layout and F		NOR
CRP	489	CRP-489	Freeform Lathing		NOR

CRP	490	CRP-490 Residential Steel Stud Framing	NOR
CRP	495	CRP-495 Water Treatment Facilities	NOR
CRP	402B	CRP-402B Slabs/Interior-Exterior Footings	NOR
CRP	403A	CRP-403A Tilt-Up Introduction	NOR
CRP	404A	CRP-404A Lifting and Bracing Safety - Lifting Aw	NOR
CRP	404B	CRP-404B Poured-in-Place Wall Forms	NOR
CRP	404C	CRP-404C Print Reading - Symbols	NOR
CRP	405A	CRP-405A Wall-Column Forms/Cutting and Burn	NOR
CRP	405B	CRP-405B Site Work/Curb and Gutter	NOR
CRP	405C	CRP-405C Specialized Forms and Rigging	NOR
CRP	421A	CRP-421A Orientation - Hand Tools Safety	NOR
CRP	421B	CRP-421B Safety and Health Certifications - Han	NOR
CRP	421C	CRP-421C Basic Wall Framing	NOR
CRP	421E	CRP-421E Tool/Equipment Applications - Emerg	NOR
CRP	422A	CRP-422A Commercial Floor Framing	NOR
CRP	422B	CRP-422B Basic Stairs	NOR
CRP	422D	CRP-422D Exterior Finish Details	NOR
CRP	422E	CRP-422E Commercial Roof Framing	NOR
CRP	423B	CRP-423B Basic Roof Framing	NOR
CRP	423C	CRP-423C Advanced Roof Framing	NOR
CRP	424A	CRP-424A Basic Commercial Framing	NOR
CRP	424B	CRP-424B Advanced Commercial Framing	NOR
CRP	424C	CRP-424C Panelized Roofing	NOR
CRP	424D	CRP-424D Transit Level/Laser	NOR
CRP	424E	CRP-424E Total Station I	NOR
CRP	425A	CRP-425A Foundations and Flatwork	NOR
CRP	425C	CRP-425C Advanced Stairs	NOR
CRP	425D	CRP-425D Advanced Print Reading - Digital Plan	NOR
CRP	426A	CRP-426A Tilt-Up Panel Construction	NOR
CRP	426B	CRP-426B Wall Forming	NOR
CRP	426C	CRP-426C Gang Forms/Columns	NOR
CRP	426D	CRP-426D Abutments	NOR
CRP	427C	CRP-427C Beam and Deck Forming	NOR
CRP	427D	CRP-427D Stairs and Ramp Forming	NOR
CRP	428A	CRP-428A Bridge Construction	NOR
CRP	428C	CRP-428C Intermediate Commercial Framing	NOR
CRP	428E	CRP-428E Bridge Falsework	NOR
CRP	429A	CRP-429A Rigging	NOR
CRP	429C	CRP-429C Solar Installer Level 1	NOR
CRP	430A	CRP-430A Standard First Aid	NOR
CRP	433A	CRP-433A Cabinet Millwork and Assembly	NOR
CRP	433B	CRP-433B Cabinet Installation	NOR
CRP	433C	CRP-433C Show Case and Loose Store Fixtures	NOR
CRP	433D	CRP-433D Molding and Trims	NOR
CRP	434A	CRP-434A Plastic Laminates	NOR
CRP	434B	CRP-434B Solid and Stone Surfaces	NOR
CRP	434C	CRP-434C Stair Trim	NOR
CRP	434D	CRP-434D Doors and Door Hardware	NOR
CRP	435C	CRP-435C Exit and Electrical Security Devices	NOR

CRP	440CJ	CRP-440C Scaffold Erector, Standard 40 Hour -	NOR
CRP	440EJ	CRP-440E Scaffold Erector, Systems Scaffold -	NOR
CRP	441A	CRP-441A Powered Industrial Truck Operator - F	NOR
CRP	441B	CRP-441B Powered Industrial Truck Operator	NOR
CRP	461A	CRP-461A Acoustical Ceilings	NOR
CRP	461B	CRP-461B Advanced Acoustical Ceiling Layout	NOR
CRP	461C	CRP-461C Advanced Acoustical Ceiling Installati	NOR
CRP	471A	CRP-471A Orientation - Power Tools Safety	NOR
CRP	471B	CRP-471B Safety and Health Certifications - Sca	NOR
CRP	471C	CRP-471C Tool/Equipment Applications - Fall Pr	NOR
CRP	472A	CRP-472A Basic Metal Framing	NOR
CRP	472B	CRP-472B Basic Lathing	NOR
CRP	472C	CRP-472C Advanced Lathing	NOR
CRP	473A	CRP-473A Framing Ceilings and Soffits	NOR
CRP	473B	CRP-473B Framing Suspended Ceilings	NOR
CRP	473C	CRP-473C Framing Curves and Arches	NOR
CRP	474A	CRP-474A Print Reading - Specifications	NOR
CRP	474B	CRP-474B Advanced Print Reading ? Digital App	NOR
CRP	474C	CRP-474C Air, Moisture, and Thermal Barriers	NOR
CRP	475A	CRP-475A Light Gage Welding AWS - A	NOR
CRP	475B	CRP-475B Light Gage Welding LAC	NOR
CRP	475C	CRP-475C Light Gage Welding AWS - B	NOR
CRP	476A	CRP-476A Basic Hand Finishing	NOR
CRP	476B	CRP-476B Automatic Finishing Tools	NOR
CRP	477A	CRP-477A Drywall Installation/Finish Trims	NOR
CRP	477B	CRP-477B Advanced Hand Finishing	NOR
CRP	477C	CRP-477C Advanced Automatic Finishing Tools	NOR
CRP	478B	CRP-478B Advanced Metal Framing	NOR
CRP	478C	CRP-478C Wet Wall Finishes	NOR
CRP	478D	CRP-478D Ceiling and Soffit Finishing	NOR
CRP	479A	CRP-479A Drywall and Acoustical Ceilings	NOR
CRP	479C	CRP-479C Drywall Applications - Production Dry	NOR
CRP	479D	CRP-479D Drywall Applications - Drywall Estim	NOR
CRP	482B	CRP-482B S/B Firestop/Fireproofing Procedures	NOR
CRP	482C	CRP-482C Decorative Trims and Textures	NOR
CRP	483C	CRP-483C Door/Door Frames (Installation)	NOR
CRP	486A	CRP-486A Exterior Insulation Finish Systems (EI	NOR
CRP	494J	CRP-494J Confined Space - Journeyworker	NOR
CSC	2	CSC-2 Fundamentals of Systems Analysis	NOR
CSC	7	CSC-7 Discrete Structures	NOR
CSC	11	CSC-11 Computer Architecture and Organizat	NOR
CSC	12	CSC-12 PHP Dynamic Web Site Programming	NOR
CSC	20	CSC-20 Systems Analysis and Design	
CSC	61	CSC-61 Introduction to Database Theory	
CSC	62	CSC-62 Microsoft Access	
CSC	63	CSC-63 Introduction to Structured Query Lang	
CSC	14A	CSC-14A Web Programming: JavaScript	NOR
CSC	17A	CSC-17A Programming Concepts and Methodo	NOR
CSC	17B	CSC-17B C++ Programming: Advanced Objects	

CSC	17C	CSC-17C	C++ Programming: Data Structures		
CSC	18A	CSC-18A	Java Programming: Objects		NOR
CSC	18B	CSC-18B	Java Programming: Advanced Object		
CSC	18C	CSC-18C	Java Programming: Data Structures		
CUL	36	CUL-36	Introduction to Culinary Arts		
CUL	37	CUL-37	Intermediate Culinary Arts		
CUL	38	CUL-38	Advanced Culinary Arts		
DAN	D13	DAN-D13	Kinetic Conversations Rehearsal and		
DAN	D33	DAN-D33	Jazz, Intermediate		
DAN	D34	DAN-D34	Jazz, Advanced		
DAN	D46	DAN-D46	Pilates Mat Work		NOR
DAN	D47	DAN-D47	Pilates, Beginning		
DAN	D48	DAN-D48	Universal Reformer Technique		
DAN	D49	DAN-D49	Pilates, Intermediate		
DAN	D50	DAN-D50	Pilates for Dancers		
DAN	D51	DAN-D51	Pilates, Advanced		
DEA	20	DEA-20	Infection Control for Dental Assistants	MOV	
DEA	22	DEA-22	Introduction to Supervised Externship	MOV	
DEA	24	DEA-24	Dental Materials for the Dental Assist:	MOV	
DEA	31	DEA-31	Radiology for Dental Assistants	MOV	
DEA	32	DEA-32	Intermediate Supervised Externships	MOV	
DEA	41	DEA-41	Dental Office Management	MOV	
DEA	40A	DEA-40A	Advanced Chairside Surgical Dental /	MOV	
DEH	32	DEH-32	Dental Materials	MOV	
DEH	20B	DEH-20B	Clinical Dental Hygiene #2	MOV	
DEH	30A	DEH-30A	Clinical Dental Hygiene #3	MOV	
DEH	30B	DEH-30B	Clinical Dental Hygiene #4	MOV	
DFT	24	DFT-24	REVIT I-Architectural Drafting		NOR
EMS	40	EMS-40	Emergency Medical Technician Contii	MOV	
EMS	56	EMS-56	Advanced Emergency Medical Techni	MOV	
EMS	57	EMS-57	Advanced Emergency Medical Techni	MOV	
EMS	59	EMS-59	Paramedic Preparation	MOV	
EMS	91	EMS-91	Paramedic Field Internship	MOV	
EMS	95	EMS-95	Mobile Intensive Care Nurse (MICN)	MOV	
ENGL	1B	ENGL-1B	Critical Thinking and Writing	MOV	NOR
ENGL	1BH	ENGL-1BH	Honors Critical Thinking and Writing	MOV	NOR
ENGL	C1000	ENGL-C10	Academic Reading and Writing	MOV	NOR
ENGL	C1000H	ENGL-C10	Academic Reading and Writing - Honi	MOV	NOR
ESL	48	ESL-48	Intermediate American College Englis	MOV	NOR
ESL	49	ESL-49	High-Intermediate American College I	MOV	NOR
ESL	50	ESL-50	Advanced American College English	MOV	NOR
ESL	71	ESL-71	Basic Reading and Vocabulary	MOV	NOR
ESL	72	ESL-72	Intermediate Reading and Vocabulary	MOV	NOR
ESL	73	ESL-73	High Intermediate Reading and Vocal	MOV	NOR
ESL	91	ESL-91	Oral Skills I: Beginning Oral Commun	MOV	NOR
ESL	92	ESL-92	Oral Skills II: Intermediate Oral Comr	MOV	NOR
ESL	93	ESL-93	Oral Skills III: Advanced Oral Commu	MOV	NOR
ESL	95	ESL-95	Pronunciation and Accent Reduction		NOR
FIT	15	FIT-15	Firefighter Refresher - Core Compete	MOV	

FIT	16	FIT-16	Biddle Physical Ability Test	MOV
FIT	C19	FIT-C19	Introduction to Wildland Fire Behavior	MOV
FIT	C19B	FIT-C19B	Intermediate Wildland Fire Behavior (I	MOV
FIT	C19C	FIT-C19C	Wildland Fire Behavior Calculations (S	MOV
FIT	C20	FIT-C20	ICS 200: Basic Incident Command Sy	MOV
FIT	C2C	FIT-C2C	Incident Management of High Rise Fir	MOV
FIT	C30	FIT-C30	Intermediate Incident Command Syst	MOV
FIT	C39	FIT-C39	Division/Group Supervisor (S-339)	MOV
FIT	C40	FIT-C40	Advanced Incident Command System	MOV
FIT	C43	FIT-C43	Operations Section Chief All Risk (S-4	MOV
FIT	CFO3A	FIT-CFO3A	Human Resources Management Chie	MOV
FIT	CFO3B	FIT-CFO3B	Budget and Fiscal Responsibilities Ch	MOV
FIT	CFO3C	FIT-CFO3C	General Administration Functions Chi	MOV
FIT	CFO3D	FIT-CFO3D	Emergency Service Delivery Respons	MOV
FIT	CO2A	FIT-CO2A	Human Resource Management	MOV
FIT	CO2B	FIT-CO2B	General Administrative Functions	MOV
FIT	CO2C	FIT-CO2C	Fire Inspections and Investigations	MOV
FIT	CO2D	FIT-CO2D	All Risk Command Operations	MOV
FIT	CO2E	FIT-CO2E	Wildland Incident Operations	MOV
FIT	COH1	FIT-COH1	Hazardous Materials Incident Comma	MOV
FIT	COH2	FIT-COH2	Hazardous Materials First Responder	MOV
FIT	COHA	FIT-COHA	Hazardous Materials First Responder	MOV
FIT	DO1A	FIT-DO1A	Fire Apparatus Driver/Operator	MOV
FIT	DO1B	FIT-DO1B	Pumping Apparatus Driver/Operator 1	MOV
FIT	DO1C	FIT-DO1C	Aerial Apparatus Operations	MOV
FIT	DO1D	FIT-DO1D	Tillered Apparatus Operations	MOV
FIT	DO1E	FIT-DO1E	Wildland Fire Apparatus Driver/Opera	MOV
FIT	DO1F	FIT-DO1F	Water Tender Operations	MOV
FIT	INS1	FIT-INS1	Instructor I	MOV
FIT	INS2	FIT-INS2	Instructor II	MOV
FIT	INS3	FIT-INS3	Instructor 3	MOV
FIT	ISP1A	FIT-ISP1A	Fire Inspector 1A: Duties and Adminis	MOV
FIT	ISP1B	FIT-ISP1B	Fire Inspector 1B: Fire and Life Safety	MOV
FIT	ISP1C	FIT-ISP1C	Fire Inspector 1C: Field Inspection	MOV
FIT	ISP1D	FIT-ISP1D	Fire Inspector 1D: Field Inspection ? (	MOV
FIT	ISP2A	FIT-ISP2A	Fire Inspector 2A: Fire Prevention Ad	MOV
FIT	ISP2B	FIT-ISP2B	Fire Inspector 2B: Fire and Life Safety	MOV
FIT	ISP2C	FIT-ISP2C	Fire Inspector 2C: Inspecting New and	MOV
FIT	ISP2D	FIT-ISP2D	Fire Inspector 2D: Hazardous Materia	MOV
FIT	R10	FIT-R10	Fire Fighter Rescue and Rapid Interv	MOV
FIT	R1A	FIT-R1A	Structural Collapse Specialist 1	MOV
FIT	R1B	FIT-R1B	Structural Collapse Specialist 2	MOV
FIT	R2A	FIT-R2A	Confined Space Rescue, Awareness	MOV
FIT	R2C	FIT-R2C	Confined Space Rescue Technician	MOV
FIT	R3	FIT-R3	Common Passenger Vehicle Rescue	MOV
FIT	R4	FIT-R4	Rope Rescue Awareness Operations	MOV
FIT	R7	FIT-R7	Trench Rescue Technician	MOV
FIT	S130	FIT-S130	Firefighter Training	MOV
FIT	S131	FIT-S131	Firefighter Type 1	MOV

FIT	S131B	FIT-S131B	Firefighter Survival	MOV	
FIT	S21	FIT-S21	Public Safety Honor Guard Academy	MOV	
FIT	S3	FIT-S3	Basic Fire Fighter Academy	MOV	
FIT	S31A	FIT-S31A	Fire Fighter 1A Structure	MOV	
FIT	S31B	FIT-S31B	Hazardous Materials & Weapons of M	MOV	
FIT	S3A	FIT-S3A	Introduction to Fire Academy and Phy	MOV	
FIT	S3B	FIT-S3B	Firefighter I Academic Capstone & Sk	MOV	
FIT	S3B1	FIT-S3B1	Fire Control 3: Structural Firefighting	MOV	
FIT	S3B2	FIT-S3B2	Fire Control 4A: Ignitable Liquids and	MOV	
FIT	S3B3	FIT-S3B3	Fire Control 4B: Ignitable Liquids and	MOV	
FIT	S3B4	FIT-S3B4	Fire Control 6: Wildland Fire Fighting	MOV	
FIT	S404	FIT-S404	Safety Officer (NWCG)	MOV	
FRE	1	FRE-1	French 1		NOR
FRE	2	FRE-2	French 2		NOR
FRE	3	FRE-3	French 3		
HCA	5	HCA-5	Anesthesia Technology Clinical Exper		
HCA	6	HCA-6	Anesthesia Technology Clinical Exper		
HMS	65	HMS-65	Supervised Practicum	MOV	
HMS	66	HMS-66	Clinically Supervised Experience	MOV	
IAT	15	IAT-15	Industrial Automation 5 - Advanced O	MOV	
IAT	20	IAT-20	Industrial Electrical and Motors 1	MOV	
IAT	21	IAT-21	Industrial Electrical and Motors 2	MOV	
IAT	30	IAT-30	Industrial Automation 3 ? Pneumatic a	MOV	
IAT	40	IAT-40	Industrial Automation 4 ? Sensors and	MOV	
ITA	1	ITA-1	Italian 1		
ITA	2	ITA-2	Italian 2		
ITA	3	ITA-3	Italian 3		
JPN	1	JPN-1	Japanese 1		
JPN	2	JPN-2	Japanese 2		
JPN	3	JPN-3	Japanese 3		
JPN	4	JPN-4	Japanese 4		
KIN	V01	KIN-V01	Cross Country, Varsity, Men		NOR
KIN	V02	KIN-V02	Football, Varsity, Men		
KIN	V04	KIN-V04	Basketball, Varsity, Men		
KIN	V05	KIN-V05	Baseball, Varsity, Men		
KIN	V06	KIN-V06	Track and Field, Varsity, Men		
KIN	V07	KIN-V07	Golf, Varsity, Men		
KIN	V08	KIN-V08	Tennis, Varsity, Men		
KIN	V09	KIN-V09	Swimming and Diving, Varsity Men		
KIN	V10	KIN-V10	Soccer, Varsity Men		NOR
KIN	V11	KIN-V11	Pep Squad, Varsity, Men and Women		
KIN	V12	KIN-V12	Cross Country, Varsity, Women		NOR
KIN	V14	KIN-V14	Track and Field, Varsity, Women		
KIN	V18	KIN-V18	Tennis, Varsity, Women		
KIN	V19	KIN-V19	Swimming and Diving, Varsity, Wome		
KIN	V20	KIN-V20	Basketball, Varsity, Women		
KIN	V21	KIN-V21	Volleyball, Varsity, Women		
KIN	V22	KIN-V22	Fastpitch, Varsity, Women		
KIN	V23	KIN-V23	Water Polo, Varsity, Men		

KIN	V24	KIN-V24	Water Polo, Varsity, Women		
KIN	V25	KIN-V25	Soccer, Varsity, Women		NOR
KIN	V27	KIN-V27	Stunt		
KIN	V71	KIN-V71	Women's Beach Volleyball		
MAT	1A	MAT-1A	Calculus I	MOV	NOR
MAT	1AH	MAT-1AH	Honors Calculus I	MOV	NOR
MAT	1B	MAT-1B	Calculus II	MOV	NOR
MAT	1C	MAT-1C	Calculus III	MOV	NOR
MAT	70A	MAT-70A	Foundations of Data Science	MOV	NOR
MAT	70B	MAT-70B	Statistics for STEM	MOV	NOR
MDA	11	MDA-11	Medical Documentation and Terminol	MOV	
MDA	59	MDA-59	Medical Office Procedures	MOV	
MDA	54A	MDA-54A	Clinical Medical Assisting I	MOV	
NNA	80	NNA-80	Nursing Assistant Training Program (I		
NNA	81	NNA-81	Certified Home Health Aide		
NNA	86	NNA-86	Acute Care Nurse Assistant		
NRN	94	NRN-94	Nursing Clinical Devel Practicum		
NVN	43	NVN-43	Intermediate Concepts of Vocational I		
NVN	63	NVN-63	Intermediate Concepts of Vocational I		
POR	1	POR-1	Portuguese 1		
POR	2	POR-2	Portuguese 2		
RUS	1	RUS-1	Russian 1		
RUS	2	RUS-2	Russian 2		
RUS	3	RUS-3	Russian 3		
SPA	1	SPA-1	Spanish 1	MOV	NOR
SPA	2	SPA-2	Spanish 2	MOV	NOR
SPA	3	SPA-3	Spanish 3	MOV	NOR
SPA	4	SPA-4	Spanish 4	MOV	NOR
SPA	2H	SPA-2H	Honors Spanish 2	MOV	

[illegible]

[illegible]

RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	36	72	72	3
RIV	72	18	144	4
RIV	72	18	144	4
RIV	72	18	144	4
RIV	72	18	144	4
RIV	72	18	144	4
RIV	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
RIV	18	18	36	1
RIV	54	18	108	3
	27	18	54	1.5
RIV	54	18	108	3
RIV	54	18	108	3
	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
RIV	27	18	54	1.5
RIV	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
	54	18	108	3
	54	18	108	3
RIV	27	18	54	1.5
RIV	27	18	54	1.5
RIV	27	18	54	1.5
RIV	90	18	180	5

RIV	90	18	180	5
RIV	54	18	108	3
RIV	54	18	108	3
	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
	54	18	108	3
	54	18	108	3
	54	18	108	3
	54	18	108	3
	36	72	72	3
RIV	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
	27	18	54	1.5
	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
RIV	27	18	54	1.5
RIV	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
RIV	54	18	108	3
RIV	48	27	96	3
	48	32	96	3
	48	32	96	3
	48	32	96	3
	48	32	96	3
	48	32	96	3
	48	32	96	3
RIV	48	32	96	3
RIV	48	32	96	3

[illegible]

[illegible]

[illegible]

RIV	54	18	108	3	
RIV	54	18	108	3	
RIV	54	18	108	3	
RIV	54	18	108	3	
RIV	66	284	132	8.5	
RIV	66	284	128	8.5	
RIV	66	284	128	8.5	
RIV		54	18	1	
RIV		54	6	1	
RIV		54	6	1	
RIV		54	18	1	
RIV		54	18	1	
RIV		54	18	1	
RIV		54	18	1	
RIV		54	18	1	
RIV		54	18	1	
	36	10	72	2	
	9	70	18	1.5	
	18	64	36	2	
	9	36	18	1	
	9	32	18	1	
	27	36	54	2	
	40	81	80	3.5	
	40	45	80	3	
		72	0	1	
		192	0	3.5	
		72	0	1	
	27	90	54	3	
	16	8	32	1	
	72	60	144	5	
		90	0	1.5	
	24	16	48	1.5	
		480	0	8.5	
	20	60	40	2	
RIV	72	18	144	4	
RIV	72	18	144	4	
RIV	72	18	144	4	
RIV	72	18	144	4	
RIV	90	18	180	5	
RIV	90	18	180	5	
RIV	90	18	180	5	
RIV	72	18	144	4	
RIV	72	18	144	4	
RIV	72	18	144	4	
RIV	54	18	108	3	
RIV	54	18	108	3	
RIV	54	18	108	3	
RIV	54	18	108	3	
		13	242	0	0.25
					4

2	2	4	0.25
7		14	0.25
16	16	32	1
24	16	48	1.5
13	1.25	26	0.5
20	20	40	1
12	12	24	0.5
24	0	48	1
15		30	0.5
24	8	48	1
28		56	1.5
20		40	1
24		48	1
24		48	1
40		80	2
20		40	1
40		80	2
20	20	40	1
28	12	56	1.5
16		32	0.5
16		32	0.5
7	1	14	0.25
17.5	22.5	35	1
24	16	48	1.5
20	20	40	1
11	29	22	1
4.5	19.5	9	0.5
6.5	20.5	13	0.5
16.5	23.5	33	1
24	16	48	1.5
23	17	46	1.5
19.25	4.75	38.5	1
20.5	3.5	41	1
21.5	2.5	43	1
15.5	0.5	31	0.5
11.5	4.5	23	0.5
18.5	5.5	37	1
23.5	0.5	47	1
29.5	2.5	59	1.5
5.5	26.5	11	0.5
12.75	27.25	25.5	1
8.5	31.5	17	1
6	2	12	0.25
10	30	20	1
6.25	17.75	12.5	0.5
7.5	32.5	15	1
	24	0	0.25
10	19	20	0.5
12		24	0.5

[illegible]

[illegible]

Actual Units (Total Hours / 54)

3.222222222
0.888888889
3.222222222
3.222222222
0.444444444
0.296296296
1.185185185
0.37037037
0.222222222
0.148148148
0.444444444
1.333333333
2.222222222
1.037037037
0.37037037
2.222222222
0.740740741
2.222222222
40.64814815
3.925925926
15.34259259
3.888888889
8.37037037
1.333333333
2.074074074
0.444444444
0.444444444
0.296296296
0.888888889
0.444444444
0.444444444
1.740740741
7.574074074
10.64814815
17.87037037
4.444444444
2.074074074
2.074074074
4.296296296
4.296296296
1.185185185
0.740740741
3.333333333
3.333333333
3.333333333
3.333333333
3.333333333
3.333333333

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

3.33333333
3.33333333
3.33333333
3.33333333
8.925925926
8.851851852
8.851851852
1.33333333
1.11111111
1.11111111
1.33333333
1.33333333
1.33333333
1.33333333
1.33333333
1.33333333
2.185185185
1.796296296
2.185185185
1.166666667
1.092592593
2.166666667
3.722222222
3.055555556
1.33333333
3.555555556
1.33333333
3.166666667
1.037037037
5.11111111
1.666666667
1.62962963
8.888888889
2.222222222
4.33333333
4.33333333
4.33333333
4.33333333
5.33333333
5.33333333
5.33333333
4.33333333
4.33333333
4.33333333
3.33333333
3.33333333
3.33333333
3.33333333
0.240740741

0.148148148
0.388888889
1.185185185
1.62962963
0.74537037
1.481481481
0.888888889
1.333333333
0.833333333
1.481481481
1.555555556
1.111111111
1.333333333
1.333333333
2.222222222
1.111111111
2.222222222
1.481481481
1.777777778
0.888888889
0.888888889
0.407407407
1.388888889
1.62962963
1.481481481
1.148148148
0.611111111
0.740740741
1.351851852
1.62962963
1.592592593
1.157407407
1.203703704
1.240740741
0.87037037
0.722222222
1.12962963
1.314814815
1.685185185
0.796296296
1.212962963
1.055555556
0.37037037
1.111111111
0.675925926
1.018518519
0.444444444
0.907407407
0.666666667

[illegible]

[illegible]

Discipline	Number	Title	Min Lec Hours
ACC	19	Volunteer Income Tax Assistance Training	18
ACC	40	Accounting for Managers	54
ACC	55	Applied Accounting/Bookkeeping	54
ACC	61	Cost Accounting	54
ACC	62	Payroll Accounting	54
ACC	63	Income Tax Accounting	54
ACC	65	QuickBooks Accounting	54
ACC	66	Governmental and Non-Profit Accounting	54
ACC	67	U.S. and California Income Tax Preparation	72
ACC	200	Accounting Work Experience	
ACC	801	Setting up QuickBooks for Small Business	16
ACC	802	Monthly Procedures using QuickBooks	16
ACC	803	Year End Procedures with QuickBooks	16
ACC	819	Volunteer Income Tax Assistance Training	18
ACC	19L	Volunteer Income Tax Assistance Tax Preparation	9
ACC	1A	Principles of Accounting I	54
ACC	1B	Principles of Accounting II	54
ACC	819L	Volunteer Income Tax Assistance Tax Preparation	9
ADJ	1	Introduction to the Administration of Justice	54
ADJ	2	Principles and Procedures of the Justice System	54
ADJ	3	Concepts of Criminal Law	54
ADJ	4	Legal Aspects of Evidence	54
ADJ	5	Community Relations	54
ADJ	8	Juvenile Law and Procedures	54
ADJ	9	Law In American Society	54
ADJ	10	Introduction to Security	54
ADJ	12	Introduction to Criminalistics	54
ADJ	13	Criminal Investigation	54
ADJ	14	Advanced Criminal Investigation	54
ADJ	19	Introduction to Policing	54
ADJ	20	Introduction to Corrections	54
ADJ	21	Control & Supervision in Corrections	54
ADJ	22	Legal Aspects of Corrections	54
ADJ	24	Interviewing & Interrogation	54
ADJ	25	Introduction to Probation and Parole	54
ADJ	26	Ethics and Leadership	16
ADJ	27	Forensic & Crime Scene Photography	36
ADJ	28	Crime Scene Investigation	54
ADJ	31	Cybercrime & Digital Forensics	54
ADJ	32	Criminal Case Law	54
ADJ	40	Law Enforcement Crime Analysis	54
ADJ	41	Technology & Investigative Analysis	54
ADJ	42	Criminal Behavior and Intelligence Analysis	54
ADJ	43	Criminal Intelligence Analyst Simulations	54
ADJ	150	Ethics and Moral Reasoning in Criminal Justice	54
ADJ	200	Administration of Justice Work Experience	

ADJ	201	Crime & Intelligence Analysis Work Experience	
ADJ	801	Community Emergency Response Team (CERT)	24
ADJ	826	Ethics and Leadership	16
ADJ	12L	Introduction to Criminalistics Laboratory	
ADJ	1H	Honors Introduction to the Administration of Justice	54
ADJ	28L	Crime Scene Investigation Laboratory	
ADJ	3H	Honors Concepts of Criminal Law	54
ADJ	9H	Honors Law in American Society	54
ADJ	A10A	Vice Operations	8
ADJ	A11A	Effective Writing for Law Enforcement	4
ADJ	A13A	Drug Use Recognition	20
ADJ	A14A	Search Warrant Preparation Workshop	6
ADJ	A14B	Search Warrant Execution	2
ADJ	A23A	Law Enforcement on Tribal Lands	8
ADJ	A29A	Courtroom Testimony/Demeanor	8
ADJ	A31A	Civil Procedures, Advanced (POST)	24
ADJ	A3A	Child Abuse Investigations	40
ADJ	A42A	Crime Scene Inv./video taping, Advanced	16
ADJ	A44A	Laser Operator	6
ADJ	A48A	Basic Criminal Investigation	40
ADJ	A5A	Bicycle Patrol	4
ADJ	B1A	Intro to Wellness and Physical Conditioning in Prep for	30
ADJ	B1B	Basic Peace Officer Training Academy	612
ADJ	B2A	Law Enforcement Pre-Academy	54
ADJ	B3A	Basic Community Service Officer Academy	66
ADJ	C1D	Basic Correctional Deputy Academy	227
ADJ	C2A	Adult Correctional Officer Supplemental Core Course	65
ADJ	D1A	Basic Public Safety Dispatch Course	146
ADJ	D1B	Dispatcher Update, Public Safety	24
ADJ	D1C	Communications Training Officer Course	36
ADJ	D3A	Dispatcher Update - Handling the Rising Tide of Suicide	8
ADJ	D4A	Dispatcher Role Critical Incidents	8
ADJ	D4B	Dispatcher Role in Critical Incidents Advanced	4
ADJ	D5A	Dispatcher Public Safety Advanced	16
ADJ	D6A	Dispatcher, Crisis Negotiations	8
ADJ	D7A	Dispatcher Domestic Violence and Sexual Assault	8
ADJ	P4A	PC 832 Arrest, Search and Seizure	27
ADJ	R1A2	Level III Modular Academy Training	108
ADJ	R1B	Level II Modular Academy Training	150
ADJ	R1C	Regular Basic Course, Modular Format, Module I Training	255
ADJ	S1A	Supervisory Course	80
ADJ	T1A	Traffic Collision Investigation: Basic	36
ADJ	T1B	Intermediate Traffic Collision Investigation	36
ADJ	T1C	Traffic Collision Investigation, Advanced	76
ADJ	T1D	Traffic Collision Reconstruction	76
ADJ	T2A	Radar Operations	20
ADJ	W10A	PC 832 Firearms	8

ADM	1	Introduction to Applied Digital Media and Printing	36
ADM	55	Business Management for Graphic Communications	54
ADM	62	Typography and Graphic Design	36
ADM	66	Visual Storytelling	36
ADM	67	Multimedia Animation	36
ADM	70	Project Production and Portfolio	36
ADM	83	Packaging Design	36
ADM	801	Design Process for Graphic Design and Printing Entr	8
ADM	802	Adobe Illustrator for Graphic Design and Printing Enti	8
ADM	803	Adobe Photoshop for Graphic Design and Printing Er	8
ADM	804	Promotional Printing for Graphic Design and Printing	8
ADM	2A	Color Systems and File Management	27
ADM	2B	Color Printing Systems and Color Management	27
ADM	2C	Ethics and Legalities for Graphic Designers	18
ADM	63A	Design For Print Publication	36
ADM	63B	Design for Electronic Publication	36
ADM	68A	3D Animation with Maya I	36
ADM	68B	3D Animation with Maya II	36
ADM	69A	Motion Graphics and Special Effects with After Effect	36
ADM	69B	Motion Graphics and Special Effects with After Effect	36
ADM	71A	Adobe Photoshop for Image Manipulation	36
ADM	71B	Adobe Photoshop, Advanced	36
ADM	74A	Web Design	36
ADM	74B	Web Design II	36
ADM	77A	Adobe Illustrator for Graphic Art	36
ADM	77B	Adobe Illustrator, Advanced	36
ADM	84A	Screen Printing	36
ADM	84B	Screen Printing, Advanced	36
ADM	85A	Commercial Printing	36
ADM	85B	Commercial Printing, Advanced	36
AHS	1	History of Western Art: Prehistoric, Ancient, and Med	54
AHS	2	History of Western Art: Renaissance through Contem	54
AHS	3	Islamic Art History	54
AHS	4	Introduction to Visual Culture	54
AHS	5	Arts of Africa, Oceania, and Indigenous North Americ	54
AHS	6	Art Appreciation	54
AHS	7	Women Artists in History	54
AHS	8	Art History of the Photographic Image	54
AHS	9	African Art History	54
AHS	10	Modern and Contemporary Art History	54
AHS	11	Visual Description: Writing About Art	54
AHS	12	Asian Art History	54
AHS	13	Pre-Columbian Art History	54
AHS	14	Latin American Art: Colonial to the Present	54
AHS	15	Rome: The Ancient City	54
AHS	16	Chicanx Art History	54
AHS	17	Gender and Sexuality in Art	54

AHS	18	Art History of the Cinematic Image	54
AHS	20	Mexican Art History	54
AHS	31	Introduction to Exhibitions: History, Theory, and Practice	54
AHS	60	Special Topics in Art History & Visual Culture	54
AHS	1H	Honors History of Western Art: Prehistoric, Ancient, Middle Ages	54
AHS	2H	Honors History of Western Art: Renaissance through Modernism	54
AHS	6H	Honors Art Appreciation	54
AIR	30	Residential System Installation	36
AIR	75	HVAC/R Systems Design	45
AIR	76	Facilities Maintenance/Chillers	45
AIR	77	Energy Conservation Methods for HVACR	45
AIR	78	Safe Refrigerant Handling & Management	45
AIR	80	Gas Heating	45
AIR	83	All Weather Heating & Cooling System	45
AIR	84	Boiler and Hydronic Heating	36
AIR	90	Building Automation Fundamentals	36
AIR	91	Advanced Building Control Networks	36
AIR	92	Advanced Building Automation Networks and Programming	36
AIR	200	Air Conditioning Work Experience	
AIR	61A	Beginning Air Conditioning and Refrigeration I	36
AIR	61B	Advanced Air Conditioning and Refrigeration II	36
AIR	64A	Beginning Air Conditioning and Refrigeration Electricity	36
AIR	64B	Advanced Air Conditioning and Refrigeration Electricity	36
ALR	1	Reading Tutor Training	27
ALR	2	Strategic Reading	36
ALR	3	Reading for Academic and Lifelong Literacy	54
ALR	4	Critical Reading, Thinking, and Writing	54
ALR	83	College Reading and Thinking	54
ALR	86	Reading Strategies for Textbooks	18
ALR	882	Reading Skills and Strategies	54
ALR	887	Reading Clinic	
ANT	1	Physical Anthropology	54
ANT	2	Cultural Anthropology	54
ANT	3	Prehistoric Cultures	54
ANT	4	Native American Cultures	54
ANT	5	Cultures of Ancient Mexico	54
ANT	6	Introduction to Archaeology	54
ANT	7	Anthropology of Religion	54
ANT	8	Language and Culture	54
ANT	10	Forensic Anthropology	54
ANT	16	Field Methods in Archaeology	36
ANT	1H	Honors Physical Anthropology	54
ANT	1L	Physical Anthropology Laboratory	
ANT	2H	Honors Cultural Anthropology	54
APP	450	Apprenticeship Work Experience	
ARA	1	Arabic 1	90
ARA	2	Arabic 2	90

ARA	3	Arabic 3	90
ARA	8	Intermediate Conversation	54
ARA	11	Arabic Culture and Civilization	54
ARA	11H	Honors Arabic Culture and Civilization	54
ARE	24	Revit I-Architectural Drafting	27
ARE	25	Revit II-Advanced Architectural Drafting	27
ARE	35	History of Architecture-Beginnings through Gothic	54
ARE	36	History of Architecture: Renaissance to Modern	54
ARE	37	Architectural Design I	27
ARE	63	3D Tour, Virtual, Mixed, Augmented and Extended R	27
ARE	200	Architecture Work Experience	
ARE	824	Revit I-Architectural Drafting	27
ARE	825	Revit II-Advanced Architectural Drafting	27
ARE	863	3D Tour, Virtual, Mixed, Augmented and Extended R	27
ART	6	Art Appreciation	54
ART	15	Beginning Ceramics	36
ART	16	Intermediate Ceramics	36
ART	17	Beginning Drawing	36
ART	18	Intermediate Drawing	36
ART	19	Experimental Methods & Materials	36
ART	20	Beginning Sculpture	36
ART	21	Intermediate Sculpture	36
ART	22	Two Dimensional Design	36
ART	23	Color Theory and Design	36
ART	24	Three Dimensional Design	36
ART	26	Beginning Painting	36
ART	27	Intermediate Painting	36
ART	31	Introduction to Exhibitions: History, Theory, and Pract	54
ART	34	Studio Three Dimensional Design	36
ART	38	Studio Illustration	36
ART	39	Design and Graphics	36
ART	45	Studio Watercolor Painting	36
ART	46	Studio Sculpture	36
ART	47	Studio Ceramics	36
ART	25A	Watercolor - Beginning	36
ART	25B	Watercolor - Intermediate	36
ART	28A	Studio Painting-Portfolio Preparation	36
ART	28B	Studio Painting-Portfolio Presentation	36
ART	30A	Printmaking-Introduction	36
ART	30B	Printmaking-Intermediate	36
ART	35A	Illustration - Beginning	36
ART	35B	Illustration - Intermediate	36
ART	36A	Computer Art-Introduction	36
ART	36B	Computer Art-Intermediate	36
ART	40A	Figure Drawing-Introduction	36
ART	40B	Figure Drawing-Intermediate	36
ART	41A	Figure Painting-Introduction	36

ART	41B	Figure Painting-Intermediate	36
ART	42A	Studio Figure Drawing-Portfolio Preparation	36
ART	42B	Studio Figure Drawing-Portfolio Presentation	36
ART	43A	Studio Figure Painting-Portfolio Preparation	36
ART	43B	Studio Figure Painting-Portfolio Presentation	36
ART	44A	Beginning Animation Principles	36
ART	44B	Intermediate Animation Principles	36
ART	44C	Advanced Animation Principles	36
ART	48A	Studio Drawing-Portfolio Preparation	36
ART	48B	Studio Drawing-Portfolio Presentation	36
ART	49A	Studio Printmaking-Portfolio Preparation	36
ART	49B	Studio Printmaking-Portfolio Presentation	36
ART	50A	Beginning Storyboarding	36
ART	50B	Intermediate Storyboarding	36
ART	51A	Beginning Animation Production	36
ART	51B	Intermediate Animation Production	36
ART	6H	Honors Art Appreciation	54
ASL	1	American Sign Language 1	72
ASL	2	American Sign Language 2	72
ASL	3	American Sign Language 3	72
ASL	4	American Sign Language 4	72
ASL	5	American Sign Language for Interpreters	72
ASL	10	Introduction to Sign Language Interpreting	54
ASL	11	American Sign Language Interpreting I	72
ASL	12	American Sign Language Interpreting II	72
ASL	13	American Sign Language Interpreting III	72
ASL	14	American Sign Language Interpreting IV/Practicum	
ASL	20	Ethical and Professional Standards of Interpreting	54
ASL	22	American Deaf Culture	54
AST	1A	Introduction to the Solar System	54
AST	1AH	Honors Introduction to the Solar System	54
AST	1B	Introduction to the Stars and Galaxies	54
AUB	50	Introduction to Automotive Collision Repair	36
AUB	51	Automotive Non-Structural Collision Repair and Estir	36
AUB	52	Automotive Refinishing and Paint	36
AUB	53	Automotive Collision Repair Special Projects	36
AUB	54	Automotive Structural Collision Repair and Frame	36
AUB	55	Automotive Advanced Refinishing and Custom Paint	36
AUB	56	Automotive Technology for the Automotive Collision &	45
AUB	57	Antique and Classic Auto Restoration and Fabrication	36
AUB	60	Automotive Trim and Upholstery I	36
AUB	61	Automotive Trim and Upholstery II	36
AUB	200	Autobody Work Experience	
AUB	59A	Automotive Collision Service and Repair	
AUB	59B	Automotive Refinishing Service and Repair	
AUT	2	Automotive Automatic Transmission/Transaxles	45
AUT	3	Automotive Manual Drivetrain Systems	45

AUT	5	Automotive Brakes	45
AUT	7	Automotive Heating and Air Conditioning	45
AUT	50	Automotive Principles	63
AUT	200	Automotive Work Experience	
AUT	801	ASE Test Preparation- Engine Repair	18
AUT	802	ASE Test Preparation- Automatic Transmission/ Tran	18
AUT	803	ASE Test Preparation- Manual Drive Train and Axles	18
AUT	804	ASE Test Preparation - Suspension and Steering	18
AUT	805	ASE Test Preparation- Brakes	18
AUT	806	ASE Test Preparation- Electrical/Electronic Systems	18
AUT	807	ASE Test Preparation- Heating and Air Conditioning	18
AUT	808	ASE Test Preparation- Engine Performance	18
AUT	811	ASE Test Preparation- Advanced Engine Performanc	36
AUT	13A	Hybrid and Electric Vehicle Technology 1	45
AUT	13B	Advanced Hybrid and Electric Vehicle Technology	45
AUT	1A	Automotive Engine Repair (Upper End)	45
AUT	1B	Automotive Engine Repair (Lower End)	45
AUT	4A	Automotive Steering and Suspension	45
AUT	4B	Advanced Suspension and Brake Systems	45
AUT	6A	Automotive Electrical Systems 1	45
AUT	6B	Automotive Electrical Systems 2	45
AUT	8A	Automotive Engine Performance 1	45
AUT	8B	Automotive Engine Performance 2	45
AUT	8C	Automotive Emission Controls	45
BAK	46	Fundamentals of Baking and Pastry	54
BAK	47	Advanced Baking and Pastry	54
BAK	48	Dietary Baking	27
BAK	65	Introduction to Breads, Rolls and Pastry Basics	18
BAK	66	Artisanal and Specialty Breads	18
BAK	67	Viennoiserie & Breakfast Pastries	18
BAK	68	Cookies and Brownies	18
BAK	69	Custards and Creams	24
BAK	70	Cake Mixing Techniques	18
BAK	71	Pies, Tarts, and Fillings	18
BAK	72	Quickbreads, Muffins and Pastries	18
BAK	73	Buttercreams and Cake Assembly Techniques	18
BAK	74	Cost Control for Professional Skills in Baking	27
BAK	80	Plated Desserts and Sauces	24
BAK	81	Candies, Confections, and Treats	24
BAK	82	Advanced Cake Decorating Techniques	24
BAK	83	Chocolate Techniques and Bonbons	24
BAK	84	Sugar Artistry and Pastillage	24
BAK	865	Introduction to Breads, Rolls and Pastry Basics	18
BAK	866	Artisanal and Specialty Breads	18
BAK	867	Viennoiserie and Breakfast Pastries	18
BAK	868	Cookies and Brownies	18
BAK	869	Custards and Creams	24

BAK	870	Cake Mixing Techniques	18
BAK	871	Pies, Tarts and Fillings	18
BAK	872	Quickbreads, Muffins and Pastries	18
BAK	873	Buttercreams and Cake Assembly Techniques	18
BAK	874	Cost Control for Professional Skills in Baking	27
BAK	880	Plated Desserts and Sauces	24
BAK	881	Candies, Confections, and Treats	24
BAK	882	Advanced Cake Decorating Techniques	24
BAK	883	Chocolate Techniques and Bonbons	24
BAK	884	Sugar Artistry and Pastillage	24
BIO	1	General Biology	54
BIO	3	Field Botany	54
BIO	4	Human Biology	54
BIO	5	General Botany	54
BIO	6	Introduction to Zoology	54
BIO	7	Marine Biology	54
BIO	8	Principles of Ecology	54
BIO	9	Biodiversity of Southern California: Field Studies in Lc	54
BIO	10	Life Science Principles	54
BIO	14	Soil Science and Management	54
BIO	15	Soil Science and Management Laboratory	
BIO	16	Human Reproduction and Sexual Behavior	54
BIO	18	Human Genetics	54
BIO	19	Environmental Science	54
BIO	20	Plants and Human Affairs	36
BIO	21	California Naturalist	36
BIO	35	Health Science	54
BIO	40	Biometrics	54
BIO	45	Survey of Human Anatomy and Physiology	54
BIO	55	Microbiology	54
BIO	60	Introduction to Molecular and Cellular Biology	72
BIO	61	Introduction to Organismal and Population Biology	72
BIO	85	Special Topics in Biology	
BIO	1H	Honors General Biology	54
BIO	31A	Regional Field Biology Studies	
BIO	31B	Regional Field Biology Studies	
BIO	31C	Regional Field Studies - Neotropics	
BIO	31D	Regional Field Studies - Eurasia	
BIO	31E	Regional Field Studies - South America	
BIO	50A	Anatomy and Physiology I	36
BIO	50B	Anatomy and Physiology II	36
BIO	60H	Honors Introduction to Molecular and Cellular Biology	72
BUS	10	Introduction to Business	54
BUS	12	Opportunity Analysis for Entrepreneurs	36
BUS	13	Developing a Successful Business Plan/Model	36
BUS	14	Social Media and Online Digital Media Promotions for	54
BUS	15	Street Law: An Introduction to Law and Legal Issues	54

BUS	20	Business Mathematics	54
BUS	22	Management Communications	54
BUS	24	Business Communication	54
BUS	30	Entrepreneurship: Foundations and Fundamentals	54
BUS	31	Financing Your Business	36
BUS	33	Business Structure and Legal Issues	36
BUS	40	Introduction to Global Business	54
BUS	43	Global Marketing	54
BUS	46	Global Trade	54
BUS	47	Applied Business and Management Ethics	54
BUS	48	Global Management	54
BUS	51	Principles of Electronic Commerce	54
BUS	53	Introduction to Personal Finance	54
BUS	56	Cyber Law	54
BUS	58	Marketing the Virtual Office	54
BUS	67	Business Practices for Photographers	54
BUS	73	Exploring the Entrepreneurial Mindset	54
BUS	80	Principles of Logistics	54
BUS	82	Freight Claims	27
BUS	83	Contracts	27
BUS	85	Warehouse Management	54
BUS	86	Transportation and Traffic Management	54
BUS	87	Purchasing and Supply Management	54
BUS	90	International Logistics	54
BUS	200	Business Administration Work Experience	
BUS	813	Solopreneurs: Personal Finance and QuickBooks Qu	9
BUS	814	Business Skills: Professional Communication Basics	9
BUS	815	Business Skills: Professional Online Presence	9
BUS	816	Business Skills: Managing the Customer Experience	9
BUS	817	Business Skills: Professional Self-Management	9
BUS	819	Business Success Seminar	27
BUS	840	Introduction to Global Business	54
BUS	843	Global Marketing	54
BUS	846	Global Trade	54
BUS	848	Global Management	54
BUS	10H	Honors Introduction to Business	54
BUS	18A	Business Law I	54
BUS	18B	Business Law II	54
BUS	77A	Introduction to Project Management	72
BUS	77B	Project Management CAPM and PMP Exam Prep	54
CAT	3	Computer Applications for Business	54
CAT	30	Business English	54
CAT	31	Business Communication Fundamentals	54
CAT	37	Legal Terminology	54
CAT	38	Legal Word Processing and Forms	54
CAT	50	Beginning Computer Keyboarding	54
CAT	51	Intermediate Keyboarding/Document Formatting	54

CAT	53	Keyboarding Fundamentals	18
CAT	55	Applied Accounting/Bookkeeping	54
CAT	61	Professional Office Procedures	54
CAT	62	Records Management	54
CAT	65	Introduction to Microsoft PowerPoint	27
CAT	79	Introduction to Adobe Illustrator	54
CAT	80	Word Processing: Microsoft Word for Windows	54
CAT	81	Introduction to Desktop Publishing using Adobe InDesign	54
CAT	90	Microsoft Outlook	54
CAT	91	Microsoft Project	54
CAT	92	Adobe Acrobat	27
CAT	93	Computers for Beginners	54
CAT	200	Computer Applications and Office Technology Work Experience	
CAT	808	Critical Thinking, Problem Solving and Decision Making	12
CAT	809	Business Writing in a Technological World	12
CAT	810	Time Management	12
CAT	811	High Impact Presentations and Proposals for the Workplace	12
CAT	812	Workplace Communication Strategies	12
CAT	814	Business Skills: Professional Communication Basics	9
CAT	817	Business Skills: Professional Self-Management	9
CAT	831	Word Processing Skills: Editing and Formatting Documents	3
CAT	832	Spreadsheet Skills: Creating and Formatting Worksheets	3
CAT	833	Presentation Software Skills: Creating and Formatting Presentations	3
CAT	841	MOSPrep: Microsoft Office Word-Expert Exam Preparation	9
CAT	842	MOSPrep: Microsoft Office Excel Expert Exam Preparation	9
CAT	843	MOSPrep: Microsoft Office PowerPoint Core Exam Preparation	4.5
CAT	844	MOSPrep: Microsoft Office Access Core Exam Preparation	4.5
CAT	845	MOSPrep: Microsoft Office Outlook Core Exam Preparation	4.5
CAT	846	Access Skills: Creating and Using Tables	3
CAT	898	Windows, File Management, Internet, and Canvas Basics	9
CAT	1A	Business Etiquette	18
CAT	30A	Business English 30A	18
CAT	36A	Legal Office Procedures I	54
CAT	36B	Legal Office Procedures II	54
CAT	78A	Introduction to Adobe Photoshop	54
CAT	78B	Advanced Adobe Photoshop	54
CAT	898A	Introduction to Excel	27
CAT	898B	Advanced Excel	27
CAT	95A	Introduction to the Internet -- Living Online	27
CAT	98A	Introduction to Excel	27
CAT	98B	Advanced Excel	27
CDL	801	Commercial Driver Training - Permit Preparation	48
CDL	802	Commercial Driver Training - Range Operations	24
CDL	803	Commercial Driver Training - On Road Skills	24
CHE	3	Fundamentals of Chemistry	54
CHE	10	Chemistry for Everyone	54
CHE	17	Introduction to the Development of Modern Science	54

CHE	12A	Organic Chemistry, I	54
CHE	12B	Organic Chemistry, II	54
CHE	1A	General Chemistry, I	54
CHE	1AH	Honors General Chemistry, I	54
CHE	1B	General Chemistry, II	54
CHE	1BH	Honors General Chemistry, II	54
CHE	2A	Introductory Chemistry, I	54
CHE	2B	Introductory Chemistry, II	54
CHI	1	Chinese 1	90
CHI	2	Chinese 2	90
CHI	11	Chinese Culture and Civilization	54
CIS	2	Fundamentals of Systems Analysis	54
CIS	3	Computer Applications for Business	54
CIS	4	Practical Computer Security	54
CIS	5	Programming Concepts and Methodology I:C++	54
CIS	7	Discrete Structures	54
CIS	8	Fundamentals:Information Systems Security Auditing	54
CIS	11	Computer Architecture and Organization: Assembly	54
CIS	12	PHP Dynamic Web Site Programming	54
CIS	20	Systems Analysis and Design	54
CIS	21	Introduction to Operating Systems	54
CIS	22	Systems Auditing	54
CIS	25	Information and Communication Technology Essentials	54
CIS	27	Information and Network Security	54
CIS	35	Introduction to Simulation and Game Development	54
CIS	36	Introduction to Computer Game Design	54
CIS	37	Beginning Level Design/Computer Games	54
CIS	39	Current Techniques in Game Art	54
CIS	44	Portfolio Production	18
CIS	59	Typography and Graphic Design	36
CIS	61	Introduction to Database Theory	54
CIS	62	Microsoft Access	54
CIS	63	Introduction to Structured Query Language (SQL)	54
CIS	65	Introduction to Microsoft PowerPoint	27
CIS	66	Web Development I	54
CIS	71	UX/UI Web Design	54
CIS	77	Full Stack Web Development	36
CIS	79	Introduction to Adobe Illustrator	54
CIS	80	Word Processing: Microsoft Word for Windows	54
CIS	81	Introduction to Desktop Publishing using Adobe InDesign	54
CIS	90	Microsoft Outlook	54
CIS	91	Microsoft Project	54
CIS	93	Computers for Beginners	54
CIS	94	Data Analysis Using Excel and Access	36
CIS	100	IT Workplace Readiness	27
CIS	200	Computer Information Services Work Experience	
CIS	801	Remote Work Technology	9

CIS	802	Remote Work Communication Tools and Apps	9
CIS	803	Remote Productivity and Time Management Tools	9
CIS	810	Cloud Computing Fundamentals	8
CIS	825	Cyber Skills - Introduction to Cybersecurity	9
CIS	826	Cyber Skills - Introduction to Virtualization	9
CIS	827	Cyber Skills - Introduction to Protocol Analysis	9
CIS	830	Introduction to Python Programming: Part 1	18
CIS	831	Introduction to Python Programming: Part 2	18
CIS	832	Introduction to Python Programming: Part 3	18
CIS	834	Historical Perspective: Napier to Torvalds	9
CIS	835	Foundational Approach: Word Problems to Work Flow	9
CIS	836	Computational Tools: Calculators to Spreadsheets	9
CIS	837	Boolean Formulation: Logic to Relationships	9
CIS	838	Pseudocode and Flowcharts: Descriptive to Visual	9
CIS	839	Tools of the trade: IDE's to Backup	9
CIS	846	Access Skills: Creating and Using Tables	3
CIS	862	Microsoft Access	54
CIS	894	Data Analysis Using Excel and Access	36
CIS	898	Windows, File Management, Internet, and Canvas Ba	9
CIS	14A	Web Programming: JavaScript	54
CIS	14B	Web Programming: Server Pages	54
CIS	17A	Programming Concepts and Methodology II: C++	54
CIS	17B	C++ Programming: Advanced Objects	54
CIS	17C	C++ Programming: Data Structures	54
CIS	18A	Java Programming: Objects	54
CIS	18B	Java Programming: Advanced Objects	54
CIS	18C	Java Programming: Data Structures	54
CIS	1A	Introduction to Computer Information Systems	54
CIS	1B	Advanced Concepts in Computer Information System	54
CIS	21A	Linux Operating System Administration	54
CIS	21B	Linux Operating System Administration II	54
CIS	21C	Red Hat Linux System Administration I	54
CIS	26A	Cisco Networking Academy 1A	72
CIS	26B	Cisco Networking Academy 1B	72
CIS	26C	Cisco Networking Academy 1C	72
CIS	26F	Cisco Networking Security	72
CIS	27A	Computer Forensics Fundamentals	54
CIS	27B	Introduction to Cybersecurity: Ethical Hacking	54
CIS	27C	Palo Alto Networks Firewall Essentials	54
CIS	27F	Cyber Threat Intelligence & Automated Response	54
CIS	27G	Cyberpreneurship Capstone	54
CIS	30A	Introduction to Python Programming	48
CIS	30B	Python Programming in Networking	48
CIS	30C	Python Programming in Cybersecurity	48
CIS	30D	Python Programming for Internet of Things (IoT)	48
CIS	30E	Advanced Python Programming	48
CIS	38A	Simulation and Gaming/3D Modeling for Real-Time Ir	54

CIS	38B	Simulation and Gaming/3D Animation for Real-Time I	54
CIS	38C	Simulation and Gaming/3D Dynamics and Rendering	54
CIS	40A	Computer Network Fundamentals	48
CIS	40B	Network Routing & Switching Essentials	48
CIS	40C	Installing, Configuring and Administering Microsoft O	48
CIS	40D	Systems and Network Administration	48
CIS	41A	Principles of Cybersecurity Analysis	48
CIS	41B	Healthcare Information Security & Privacy for Practiti	48
CIS	41D	Advanced Security Concepts and Practices	54
CIS	48A	Introduction to Cloud Computing	54
CIS	48D	Cloud Security Essentials	54
CIS	49A	AWS Academy Cloud Foundations	54
CIS	49B	AWS Academy Cloud Architecting	54
CIS	54A	Introduction to Animate	54
CIS	56A	Designing Web Graphics	54
CIS	68A	Introduction to Machine Learning	54
CIS	68B	Big Data Fundamentals	54
CIS	70A	Foundations of Data Science	54
CIS	72A	Introduction to Web Page Creation	27
CIS	72B	Intermediate Web Page Creation Using Cascading S	27
CIS	76A	Introduction to Microsoft Expression Web	54
CIS	76B	Introduction to Dreamweaver	54
CIS	78A	Introduction to Adobe Photoshop	54
CIS	78B	Advanced Adobe Photoshop	54
CIS	824A	Computer Repair for Beginners	8
CIS	824B	Networking for Home and Small Businesses	8
CIS	824C	Cybersecurity for Beginners	8
CIS	833A	Introduction to Microcontroller: Arduino	8
CIS	833B	Introduction to Embedded System: Raspberry Pi	8
CIS	833C	Designing Internet of Things (IoT)	8
CIS	87A	Introduction to IT Project Management	54
CIS	87B	IT Project Management Framework	54
CIS	897A	Windows Operating System and Internet Literacy	8
CIS	897B	Linux Operating System and Internet Literacy	8
CIS	897C	Mac Operating System and Internet Literacy	8
CIS	95A	Introduction to the Internet -- Living Online	27
CIS	98A	Introduction to Excel	27
CIS	98B	Advanced Excel	27
CMI	61	Introduction to Spanish English Translation	54
CMI	71	Bilingual Interpretation for the Medical Professions	90
CMI	81	Introduction to Court Interpreting	90
CMI	82	Intermediate Legal Interpreting	72
CMI	91	Introduction to Translation and Interpretation for Busi	54
CMI	200	Community Interpretation Work Experience	1
COMM	2	Introduction to Persuasion	54
COMM	3	Critical Thinking, Argumentative Writing, and Debate	54
COMM	5	Parliamentary Procedure	18

COMM	6	Small Group Communication	54
COMM	7	Oral Interpretation of Literature	54
COMM	9	Interpersonal Communication	54
COMM	11	Storytelling	54
COMM	12	Intercultural Communication	54
COMM	13	Gender and Communication	54
COMM	20	Introduction to Communication Theory	54
COMM	51	Enhancing Communication Skills	18
COMM	89	Intramural Competition	9
COMM	85A	Communication Studies Clinic	
COMM	85B	Communication Studies Clinic II	
COMM	9H	Honors Interpersonal Communication	54
COMM	C1000	Introduction to Public Speaking	54
COMM	C1000H	Introduction to Public Speaking - Honors	54
CON	60	Introduction to Construction	54
CON	61	Materials of Construction	54
CON	62	Print Reading for Construction	54
CON	64	Office Procedures and Field Inspection	54
CON	65	Plumbing Code	54
CON	66	National Electrical Code	54
CON	67	Mechanical Code	54
CON	68	Simplified Engineering for Building Inspectors	54
CON	70	Fundamentals of Soils Technology	54
CON	71	Energy Conservation Standards	27
CON	72	California State Accessibility Standards	27
CON	73	Project Planning for Site Construction	54
CON	74	Construction Estimating	54
CON	80	Construction Scheduling	54
CON	200	Construction Technology Work Experience	
CON	862	Print Reading for Construction	54
CON	63A	International Building Code	54
CON	63B	Analysis of Revisions to the Uniform Building Code	54
CON	63C	Analysis of Revisions to the Uniform Building Code	54
CON	63D	Analysis of Revisions to the Uniform Building Code	54
COS	60A	Beginning Cosmetology Concepts	144
COS	60A1	Cosmetology Concepts Level A1	72
COS	60A2	Cosmetology Concepts Level A2	72
COS	60B	Level II Cosmetology Concepts	126
COS	60B1	Cosmetology Concepts Level B1	63
COS	60B2	Cosmetology Concepts Level B2	63
COS	60B3	Level II Haircutting Barbering Concepts	108
COS	60C	Level III Cosmetology Concepts	108
COS	60C1	Cosmetology Concepts Level C1	54
COS	60C2	Cosmetology Concepts Level C2	54
COS	60D	Level IV Cosmetology Concepts	54
COS	60D1	Cosmetology Concepts Level D1	27
COS	60D2	Cosmetology Concepts Level D2	27

COS	60F	Remedial Training Course	9
COS	61A	Level I Cosmetology Instructor Concepts A	108
COS	61B	Level II Cosmetology Instructor Concepts B	108
COS	62A1	Esthetician Concepts Level A1	57
COS	62A2	Esthetician Concepts Level A2	57
COS	62B1	Esthetician Concepts Level B1	57
COS	62B2	Esthetician Concepts Level B2	57
COS	64A	Manicuring and Pedicuring	81
COS	64B	Level II: Manicuring and Pedicuring	81
COS	67A	New Trends and Techniques in Hairdressing	
COS	68A	Principles and Practices of Competition Hairstyling	18
COS	69A	Mens Hair Design A	18
COS	90A	Level I Clinic Floor Concepts	
COS	95A	Hairstyling Theory Exam Readiness	9
COS	96A	Barbering Theory Exam Readiness Concepts	9
COS	97A	Cosmetology Theory Exam Readiness Concepts	9
COS	98A	Esthetics Theory Exam Readiness Concepts	9
COS	99A	Manicure Theory Exam Readiness Concepts	9
CRP	404	Lifting and Bracing Safety - Site Awareness	27
CRP	425	Welding Fabrication	20
CRP	462	Standard Acoustical Grids	27
CRP	463	Suspended Ceilings	27
CRP	464	Acoustical Soffits	27
CRP	465	Prefab/Sound Panels	27
CRP	466	Concealed/Glue-Up/Staple-Up Systems	27
CRP	467	Designer and Specialty Trims	27
CRP	468	Metal Pan and Security Systems	27
CRP	483	Door and Door Frames (Layout and Frame)	27
CRP	489	Freeform Lathing	27
CRP	490	Residential Steel Stud Framing	27
CRP	495	Water Treatment Facilities	27
CRP	402B	Slabs/Interior-Exterior Footings	20
CRP	403A	Tilt-Up Introduction	20
CRP	404A	Lifting and Bracing Safety - Lifting Awareness	27
CRP	404B	Poured-in-Place Wall Forms	27
CRP	404C	Print Reading - Symbols	36
CRP	405A	Wall-Column Forms/Cutting and Burning	27
CRP	405B	Site Work/Curb and Gutter	27
CRP	405C	Specialized Forms and Rigging	27
CRP	421A	Orientation - Hand Tools Safety	36
CRP	421B	Safety and Health Certifications - Hand & Power Tool	36
CRP	421C	Basic Wall Framing	27
CRP	421E	Tool/Equipment Applications - Emergency Response	27
CRP	422A	Commercial Floor Framing	27
CRP	422B	Basic Stairs	27
CRP	422D	Exterior Finish Details	27
CRP	422E	Commercial Roof Framing	27

CRP	423B	Basic Roof Framing	27
CRP	423C	Advanced Roof Framing	27
CRP	424A	Basic Commercial Framing	27
CRP	424B	Advanced Commercial Framing	27
CRP	424C	Panelized Roofing	27
CRP	424D	Transit Level/Laser	36
CRP	424E	Total Station I	30
CRP	425A	Foundations and Flatwork	27
CRP	425C	Advanced Stairs	27
CRP	425D	Advanced Print Reading - Digital Planning	30
CRP	426A	Tilt-Up Panel Construction	27
CRP	426B	Wall Forming	27
CRP	426C	Gang Forms/Columns	27
CRP	426D	Abutments	27
CRP	427C	Beam and Deck Forming	27
CRP	427D	Stairs and Ramp Forming	27
CRP	428A	Bridge Construction	27
CRP	428C	Intermediate Commercial Framing	27
CRP	428E	Bridge Falsework	20
CRP	429A	Rigging	27
CRP	429BJ	Rigging Qualification Studies - Journeyworker	9
CRP	429C	Solar Installer Level 1	20
CRP	430A	Standard First Aid	7.2
CRP	433A	Cabinet Millwork and Assembly	27
CRP	433B	Cabinet Installation	27
CRP	433C	Show Case and Loose Store Fixtures	27
CRP	433D	Molding and Trims	27
CRP	434A	Plastic Laminates	27
CRP	434B	Solid and Stone Surfaces	27
CRP	434C	Stair Trim	27
CRP	434D	Doors and Door Hardware	27
CRP	435C	Exit and Electrical Security Devices	27
CRP	440CJ	Scaffold Erector, Standard 40 Hour - Journeyworker	27
CRP	440EJ	Scaffold Erector, Systems Scaffold - Journeyworker	10.8
CRP	441A	Powered Industrial Truck Operator - Rough Terrain	7.2
CRP	441B	Powered Industrial Truck Operator	6
CRP	461A	Acoustical Ceilings	27
CRP	461B	Advanced Acoustical Ceiling Layout	27
CRP	461C	Advanced Acoustical Ceiling Installation	27
CRP	471A	Orientation - Power Tools Safety	36
CRP	471B	Safety and Health Certifications - Scaffold	36
CRP	471C	Tool/Equipment Applications - Fall Protection	27
CRP	472A	Basic Metal Framing	27
CRP	472B	Basic Lathing	27
CRP	472C	Advanced Lathing	27
CRP	473A	Framing Ceilings and Soffits	27
CRP	473B	Framing Suspended Ceilings	27

CRP	473C	Framing Curves and Arches	27
CRP	474A	Print Reading - Specifications	36
CRP	474B	Advanced Print Reading ? Digital Application	36
CRP	474C	Air, Moisture, and Thermal Barriers	20
CRP	475A	Light Gage Welding AWS - A	27
CRP	475B	Light Gage Welding LAC	27
CRP	475C	Light Gage Welding AWS - B	27
CRP	476A	Basic Hand Finishing	27
CRP	476B	Automatic Finishing Tools	27
CRP	477A	Drywall Installation/Finish Trims	27
CRP	477B	Advanced Hand Finishing	27
CRP	477C	Advanced Automatic Finishing Tools	27
CRP	478B	Advanced Metal Framing	27
CRP	478C	Wet Wall Finishes	27
CRP	478D	Ceiling and Soffit Finishing	27
CRP	479A	Drywall and Acoustical Ceilings	27
CRP	479C	Drywall Applications - Production Drywall Hanging	27
CRP	479D	Drywall Applications - Drywall Estimating	27
CRP	482B	S/B Firestop/Fireproofing Procedures	20
CRP	482C	Decorative Trims and Textures	27
CRP	483C	Door/Door Frames (Installation)	20
CRP	486A	Exterior Insulation Finish Systems (EIFS)	27
CRP	494J	Confined Space - Journeyworker	14.4
CSC	2	Fundamentals of Systems Analysis	54
CSC	5	Programming Concepts and Methodology I: C++	54
CSC	6	Discrete Mathematics for Computer Science	54
CSC	7	Discrete Structures	54
CSC	8	Programming Concepts: Python	54
CSC	11	Computer Architecture and Organization: Assembly	54
CSC	12	PHP Dynamic Web Site Programming	54
CSC	20	Systems Analysis and Design	54
CSC	61	Introduction to Database Theory	54
CSC	62	Microsoft Access	54
CSC	63	Introduction to Structured Query Language (SQL)	54
CSC	14A	Web Programming: JavaScript	54
CSC	17A	Programming Concepts and Methodology II: C++	54
CSC	17B	C++ Programming: Advanced Objects	54
CSC	17C	C++ Programming: Data Structures	54
CSC	18A	Java Programming: Objects	54
CSC	18B	Java Programming: Advanced Objects	54
CSC	18C	Java Programming: Data Structures	54
CUL	20	Fundamentals of Baking I	27
CUL	21	Fundamentals of Baking II	27
CUL	22	Cake Decorating I	27
CUL	23	Cake Decorating II	27
CUL	36	Introduction to Culinary Arts	66
CUL	37	Intermediate Culinary Arts	66

CUL	38	Advanced Culinary Arts	66
CUL	41	Fundamentals of Exploring Wine	36
CUL	50	ServSafe Food Safety	36
CUL	824	The Art Of Garde Manger	4
CUL	825	Menu Planning	30
CUL	826	Food Cost Accounting	30
CUL	827	Culinary Purchasing and Receiving	30
CUL	842	International Cuisine	4
CUL	850	ServSafe Food Safety	36
CUL	875	Introduction to Math for Baking Professionals	8
CUL	876	Introduction to Cost Control for Professional Bakers	8
CUL	877	Baker's Percentages and Recipe Conversion	6
CUL	878	Cost Control for Baking & Pastry	6
CUL	828A	Culinary Food Preparation I	30
CUL	828B	Culinary Food Preparation II	30
DAN	6	Dance Appreciation	54
DAN	7	Choreography	18
DAN	8	Composition	18
DAN	9	Dance Making	18
DAN	12	Kinesiology for Pilates/Dance	54
DAN	13	Pilates Methodology	36
DAN	14	Internship in Pilates Education and Teaching	18
DAN	6H	Honors Dance Appreciation	54
DAN	D10	Dance Performance	
DAN	D13	Kinetic Conversations Rehearsal and Performance	
DAN	D19	Conditioning for Dance	
DAN	D20	Introduction to Social Dance	
DAN	D21	Ballet, Beginning	
DAN	D22	Ballet, Intermediate	
DAN	D23	Ballet, Advanced	
DAN	D26	Mexican Ballet Folklorico	
DAN	D29	Celebrate Dance Rehearsal	
DAN	D30A	Tango	
DAN	D30B	Swing Dance	
DAN	D30C	Latin Social Dance	
DAN	D31	Hip-Hop Dance, Beginning	
DAN	D31B	Hip-Hop Dance - Intermediate	
DAN	D32	Jazz, Beginning	
DAN	D33	Jazz, Intermediate	
DAN	D34	Jazz, Advanced	
DAN	D35	Dance Repertoire, Hip-Hop	
DAN	D37	Modern Dance, Beginning	
DAN	D38	Modern Dance, Intermediate	
DAN	D39	Modern Dance, Advanced	
DAN	D43	Tap, Beginning	
DAN	D44	Tap, Intermediate	
DAN	D46	Pilates Mat Work	

DAN	D47	Pilates, Beginning	
DAN	D48	Universal Reformer Technique	
DAN	D49	Pilates, Intermediate	
DAN	D5	Summer Showcase Dance Performance	
DAN	D50	Pilates for Dancers	
DAN	D51	Pilates, Advanced	
DAN	D60	Musical Theater Dance	
DAN	D9	Performance Lab	
DEA	10	Introduction to Dental Assisting and Chairside Assisti	54
DEA	20	Infection Control for Dental Assistants	36
DEA	21	Introduction to Radiology for Dental Assistants	27
DEA	22	Introduction to Supervised Externships	9
DEA	23	Introduction to Dental Sciences	54
DEA	24	Dental Materials for the Dental Assistant	18
DEA	30	Intermediate Chairside Dental Assisting	18
DEA	31	Radiology for Dental Assistants	9
DEA	32	Intermediate Supervised Externships	9
DEA	41	Dental Office Management	27
DEA	800	Infection Control	6
DEA	801	Radiation Safety	12
DEA	802	Coronal Polishing	4
DEA	803	Pit and Fissure Sealant Application	4
DEA	804	California Dental Practice Act	2
DEA	40A	Advanced Chairside Surgical Dental Assistant	40
DEA	40B	Advanced Chairside Orthodontic Dental Assistant	18
DEA	40C	Advanced Chairside Restorative Dental Assistant	36
DEA	840A	Ultrasonic Scaling Permit	2
DEA	840B	Orthodontic Assistant Permit	24
DEH	11	Principles of Dental Hygiene	36
DEH	13	Infection Control in Dentistry	18
DEH	14	Systems Analysis of Dental Anatomy, Morphology, Hi	49.5
DEH	15	Head and Neck Anatomy	36
DEH	16	Preventive Dentistry	27
DEH	17	General Pathology	36
DEH	19	Pain Control	27
DEH	21	Clinical Seminar #1	18
DEH	22	Oral Radiology Interpretation	18
DEH	23	Introduction to Periodontology	36
DEH	24	Ethics	18
DEH	25	Medical and Dental Emergencies	18
DEH	26	Dental Treatment of Geriatric and Medically Compror	36
DEH	27	Oral Pathology	45
DEH	28	Basic and Applied Pharmacology	36
DEH	31	Clinical Seminar #2	18
DEH	32	Dental Materials	40
DEH	33	Periodontology	18
DEH	34	Cultural Diversity in Healthcare	18

DEH	35	Community Dental Health Education Practicum #1	9
DEH	36	Research Methodology	36
DEH	37	Nutrition in Dentistry	18
DEH	40	Clinical Dental Hygiene #5	
DEH	41	Clinical Seminar #3	18
DEH	42	Practice Management and Jurisprudence	36
DEH	43	Advanced Periodontology	18
DEH	44	Community Dental Health Education #2	18
DEH	45	Community Dental Health Education Practicum #2	9
DEH	46	Advanced Topics in Dental Hygiene	18
DEH	200	Dental Hygiene Work Experience	
DEH	10A	Pre-Clinical Dental Hygiene #1	
DEH	10B	Pre-Clinical Dental Hygiene #2	
DEH	12A	Principles of Oral Radiology	18
DEH	12B	Oral Radiology Laboratory	
DEH	20A	Clinical Dental Hygiene #1	
DEH	20B	Clinical Dental Hygiene #2	
DEH	30A	Clinical Dental Hygiene #3	
DEH	30B	Clinical Dental Hygiene #4	
DFT	21	Drafting	27
DFT	24	REVIT I-Architectural Drafting	27
DFT	27	Technical Communications	54
DFT	30	Computer Aided Drafting (CAD)	27
DFT	31	Advanced Computer Aided Drafting (CAD)	27
DFT	42	SolidWorks I	27
DFT	51	Print Reading	27
DFT	52	Geometric Dimensioning & Tolerancing	36
DFT	60	Math for Engineering Technology	54
DFT	62	Basic Fusion 360	27
DFT	63	Advanced Fusion 360	27
DFT	200	Drafting Work Experience	
DFT	830	Computer Aided Drafting (CAD)	27
DFT	831	Advanced Computer Aided Drafting (CAD)	27
DFT	842	SolidWorks I	27
DFT	862	Basic Fusion 360	27
DFT	863	Advanced Fusion 360	27
DFT	42B	SolidWorks II	27
DFT	842B	SolidWorks II	27
EAR	19	Observation and Assessment in Early Childhood Edu	54
EAR	20	Child Growth and Development	54
EAR	23	Family Home Child Care Program	54
EAR	24	Introduction to Curriculum	54
EAR	25	Teaching in a Diverse Society	54
EAR	26	Health, Safety and Nutrition	54
EAR	28	Principles and Practices of Teaching Young Children	54
EAR	30	Practicum in Early Childhood Education	36
EAR	33	Infant and Toddler Development	54

EAR	34	Infant and Toddler Care and Education	54
EAR	35	Practicum in Infant and Toddler Care	36
EAR	38	Adult Supervision and Mentoring in Early Care and E	54
EAR	40	Introduction to Children with Special Needs	54
EAR	41	Practicum in Early Intervention/Special Education	36
EAR	42	Child, Family, and Community	54
EAR	43	Children with Challenging Behaviors	54
EAR	44	Administration I: Programs in Early Childhood Educat	54
EAR	45	Administration II: Personnel and Leadership in Early (	54
EAR	46	Curriculum and Strategies for Children with Special N	54
EAR	47	Childhood Stress and Trauma	54
EAR	53	Parenting: Guiding Young Children-Approaches to Di	36
EAR	54	Parenting-Contemporary Parenting Issues and Proble	18
EAR	57	School Age Child Care Programs and Curriculum	54
EAR	58	Recreational Leadership in School Age Child Care	54
EAR	59	Practicum in School-Age	54
EAR	200	Early Childhood Work Experience	
EAR	810	Family Child Care ? Our Business	8
EAR	811	Family Child Care ? Our Curriculum	8
EAR	812	Family Child Care ? Our Family and Community	8
ECO	4	Introduction to Economics	54
ECO	5	Economics of the Environment	54
ECO	6	Introduction To Political Economy	54
ECO	7	Principles of Macroeconomics	54
ECO	8	Principles of Microeconomics	54
ECO	9	Economics of Poverty, Inequality and Discrimination	54
ECO	10	Economics and Personal Decision-Making	54
ECO	7H	Honors Principles of Macroeconomics	54
ECO	8H	Honors Principles of Microeconomics	54
ECO	9H	Honors Economics of Poverty, Inequality and Discrim	54
EDU	1	Introduction to Elementary Classroom Teaching	54
EDU	10	Introduction to Education Studies	54
EDU	51	Introduction to Leadership	54
EDU	200	Education Work Experience	
ELC	11	DC Electronics	63
ELC	13	AC Electronics	54
ELC	66	National Electrical Code	54
ELC	68	Fundamentals of Maintenance	54
ELC	69	Fundamentals of Tooling and Test Equipment	27
ELC	71	Residential Electrical Wiring	54
ELC	72	Commercial and Industrial Electrical Wiring	54
ELC	73	Electric Motors and Transformers	54
ELC	74	Industrial Wiring and Controls	54
ELC	75	Solid State Devices and Lighting Controls	36
ELC	76	Low Voltage Wiring and Alternate Energy Generation	36
ELC	77	Electrical Theory for Electricians	36
ELC	91	Fundamentals of Solar Energy	36

ELC	400	Introduction to the Electrical Trades and Construction	45
ELC	401	Introduction to Electrical Theory, Basic Math Concept	45
ELC	402	Advanced DC Circuit Concepts, Introduction to 3-Pha	45
ELC	403	AC Circuit Concepts, Applied Electronics, and Nation	45
ELC	404	Digital Logic Circuits, Conductor Characteristics, App	45
ELC	405	Electrician Blueprint Reading with Code Applications	45
ELC	406	Grounding Systems, Advanced Blueprints and Specif	45
ELC	407	Motor Control Principles, Generators and Power Supl	45
ELC	408	Transformer Theory, Leadership, Management, and	45
ELC	409	Electrician Specialty Systems	45
ELC	420	Introduction to Sound/Communication Trade Industry	45
ELC	421	Electrical Theory and Practices DC	45
ELC	422	Electrical Theory and Practices AC	45
ELC	423	Semiconductor Electronics	45
ELC	424	Introduction to Digital Electronics and Signaling Devic	45
ELC	425	Management/Alarms/Codes/Circuits	45
ELC	499	Electrician Apprenticeship Work Experience	
ELE	10	Survey of Electronics	63
ELE	11	DC Electronics	63
ELE	13	AC Electronics	54
ELE	23	Electronic Devices and Circuits	63
ELE	25	Digital Techniques	54
ELE	26	Microcontrollers	36
ELE	27	Technical Communications	54
ELE	28	MultiSim CAD & PCB Design/Fab	36
ELE	55	Occupational Safety and Health Administration (OSH	18
ELE	61	Robotics for Manufacturing	36
ELE	63	LabVIEW Visual Programming for Automated System	36
ELE	64	Programmable Logic Controllers	36
ELE	67	Programmable logic controllers using Siemens	36
ELE	71	Residential Electrical Wiring	54
ELE	72	Commercial and Industrial Electrical Wiring	54
ELE	73	Electric Motors and Transformers	54
ELE	74	Industrial Wiring and Controls	54
ELE	75	Solid State Devices and Lighting Controls	36
ELE	76	Low Voltage Wiring and Alternate Energy Generation	36
ELE	77	Electrical Theory for Electricians	36
ELE	91	Fundamentals of Solar Energy	36
ELE	200	Electronics Work Experience	
ELE	400	Introduction to the Electrical Trades and Construction	45
ELE	401	Introduction to Electrical Theory, Basic Math Concept	45
ELE	402	Advanced DC Circuit Concepts, Introduction to 3-Pha	45
ELE	403	AC Circuit Concepts, Applied Electronics, and Nation	45
ELE	404	Digital Logic Circuits, Conductor Characteristics, App	45
ELE	405	Electrician Blueprint Reading with Code Applications	45
ELE	406	Grounding Systems, Advanced Blueprints and Specif	45
ELE	407	Motor Control Principles, Generators and Power Supl	45

ELE	408	Transformer Theory, Leadership, Management, and	45
ELE	409	Electrician Specialty Systems	45
ELE	420	Introduction to Sound/Communication Trade Industry	45
ELE	421	Electrical Theory and Practices DC	45
ELE	422	Electrical Theory and Practices AC	45
ELE	423	Semiconductor Electronics	45
ELE	424	Introduction to Digital Electronics and Signaling Devic	45
ELE	425	Management/Alarms/Codes/Circuits	45
ELE	499	Electrician Apprenticeship Work Experience	
ELE	810	Survey of Electronics	63
ELE	811	DC Electronics	63
ELE	813	AC Electronics	54
ELE	823	Electronic Devices and Circuits	63
ELE	825	Digital Techniques	54
ELE	826	Microcontrollers	36
ELE	827	Technical Communications	54
ELE	828	MultiSim CAD & PCB Design/Fab	36
ELE	855	Occupational Safety and Health Administration (OSH	18
ELE	864	Programmable Logic Controllers	36
ELE	874	Industrial Wiring and Controls	54
EMS	40	Emergency Medical Technician Continuing Education	16
EMS	41	Emergency Medical Responder	36
EMS	50	Emergency Medical Technician	72
EMS	51	Emergency Medical Services-Basic Clinical/Field	
EMS	56	Advanced Emergency Medical Technician	72
EMS	57	Advanced Emergency Medical Technician (Clinical)	
EMS	59	Paramedic Preparation	24
EMS	60	Patient Assessment and Airway Management	54
EMS	61	Introduction to Medical Pathophysiology	54
EMS	62	Emergency Pharmacology	54
EMS	63	Cardiology	54
EMS	70	Trauma Management	36
EMS	71	Clinical Medical Specialty I	
EMS	80	Medical Emergencies	54
EMS	81	Special Populations	36
EMS	82	Special Topics	36
EMS	83	Clinical Medical Specialty II	
EMS	91	Paramedic Field Internship	
EMS	95	Mobile Intensive Care Nurse (MICN)	20
EMS	200	EMS Work Experience	
ENE	10	Introduction to Engineering	54
ENE	21	Drafting	27
ENE	27	Technical Communications	54
ENE	30	Computer Aided Drafting (CAD)	27
ENE	35	Statics	54
ENE	38	Introduction to Programming Concepts and Methodol	54
ENE	39	Engineering Circuit Analysis	54

ENE	40	Material Science and Engineering	54
ENE	41	Engineering Graphics	36
ENE	42	SolidWorks I	27
ENE	48	Programming and Problem-Solving in MATLAB	36
ENE	49	Strength of Materials	54
ENE	51	Print Reading	27
ENE	52	Geometric Dimensioning & Tolerancing	36
ENE	60	Math for Engineering Technology	54
ENE	62	Math for Automated Systems	54
ENE	200	Engineering Work Experience	
ENE	851	Print Reading	27
ENE	862	Math for Automated Systems	54
ENE	35B	Dynamics	54
ENE	42B	SolidWorks II	27
ENGL	3	Creative Writing and Cultural Storytelling	54
ENGL	4	Writing Tutor Training	27
ENGL	6	British Literature I: Anglo-Saxon through Eighteenth C	54
ENGL	7	British Literature II: Romanticism through Modernism/	54
ENGL	8	Introduction to Mythology	54
ENGL	9	Introduction to Shakespeare	54
ENGL	10	Special Studies in Literature	54
ENGL	11	Creative Writing	54
ENGL	12	Special Studies in Creative Writing	54
ENGL	14	American Literature I: Pre-Contact through Civil War	54
ENGL	15	American Literature II: 1865 to the Present	54
ENGL	16	Introduction to Linguistics	54
ENGL	18	Survey of Native American Literature	54
ENGL	20	Survey of African American Literature	54
ENGL	23	The Bible As Literature	54
ENGL	24	Survey of Asian American Literature	54
ENGL	25	Latinx Literature of the United States	54
ENGL	30	Children's Literature	54
ENGL	34	Literature by Women	54
ENGL	35	Women in Literature	54
ENGL	40	World Literature I: From Ancient Literatures to the Se	54
ENGL	41	World Literature II: Seventeenth Century Through the	54
ENGL	44	Poetry from the Twentieth Century to the Present	54
ENGL	45	Modern Drama	54
ENGL	48	Short Story and Novel from the Twentieth Century to	54
ENGL	66	Queer Voices: A Survey of LGBTQIA2+ Literature	54
ENGL	85	Writing Clinic (English)	
ENGL	91	Academic Support for English C1000	36
ENGL	802	Composition Skills and Support for English C1000	18
ENGL	885	Writing Clinic	
ENGL	17A	Literary Magazine Production: Beginning	36
ENGL	17B	Literary Magazine Production: Intermediate	36
ENGL	17C	Literary Magazine Production: Advanced	36

ENGL	1B	Critical Thinking and Writing	72
ENGL	1BH	Honors Critical Thinking and Writing	72
ENGL	38A	Screenwriting: Beginning	54
ENGL	38B	Screenwriting: Intermediate	54
ENGL	38C	Screenwriting: Advanced	54
ENGL	C1000	Academic Reading and Writing	72
ENGL	C1000H	Academic Reading and Writing - Honors	72
ENP	30	QuickBooks Online for Entrepreneurs	54
ENP	50	Introduction to Entrepreneurship	54
ENP	51	Entrepreneurship Basics	54
ENP	52	Starting a Business with Limited Resources	54
ENP	53	Money, Finance and Accounting for Entrepreneurs	54
ENP	54	Business Model Canvas and Presentations for Entrepre	54
ENP	55	Entrepreneurial Simulation - Capstone	54
ENP	70	Building an Entrepreneurial Team	54
ENP	71	Solopreneurship	54
ENP	801	Facebook for Business	10
ENP	802	Pinterest and Instagram for Business	10
ENP	803	YouTube for Business	10
ENP	804	Twitter for Business	10
ENP	805	LinkedIn for Business	10
ENP	850	Introduction to Entrepreneurship	54
ENP	851	Entrepreneurship Basics	54
ENP	852	Starting a Business with Limited Resources	54
ENP	853	Money, Finance and Accounting for Entrepreneurs	54
ENP	854	Business Model Canvas and Presentations for Entrepre	54
ENP	855	Entrepreneurial Simulation - Capstone	54
ENP	870	Building an Entrepreneurial Team	54
ENP	871	Solopreneurship	54
ENP	27G	Cyberpreneurship Capstone	54
ESL	46	Beginning American College English	90
ESL	47	Low-Intermediate American College English	90
ESL	48	Intermediate American College English	90
ESL	49	High-Intermediate American College English	90
ESL	50	Advanced American College English	90
ESL	65	American Classroom Culture	18
ESL	71	Basic Reading and Vocabulary	72
ESL	72	Intermediate Reading and Vocabulary	72
ESL	73	High Intermediate Reading and Vocabulary	72
ESL	91	Oral Skills I: Beginning Oral Communication	54
ESL	92	Oral Skills II: Intermediate Oral Communication	54
ESL	93	Oral Skills III: Advanced Oral Communication	54
ESL	95	Pronunciation and Accent Reduction	54
ESL	801	ESL Support for Career and Technical Programs	6
ESL	804	Introduction to American Public Education for ESL St	24
ESL	805	Introduction to Education Practices and Related Serv	24
ESL	810	IT Workplace Language Support	24

ESL	811	Basic Computer and Technology Language Support	24
ESL	846	Beginning American College English	90
ESL	847	Low-Intermediate American College English	90
ESL	848	Intermediate American College English	90
ESL	849	High-Intermediate American College English	90
ESL	850	Advanced American College English	90
ESL	90D	Special Topics in ESL: Verb Tense Review	36
ESL	90L	Special Topics in English as a Second Language: Pu	36
ESL	90M	Special Topics in English as a Second Language: Art	36
ESL	90P	Special Topics in ESL: Mastering Academic Vocabula	36
EST	10	Industrial Calculations	45
EST	15	Zero Net Energy Building Science	72
EST	20	California Energy Codes	54
EST	21	California Building Codes	54
EST	22	California Mechanical Codes	54
EST	23	California Plumbing Codes	54
EST	24	California Electrical Codes	54
EST	25	California Residential Codes	54
EST	26	California Fire Codes	54
EST	30	Architectural Blueprint Reading	54
EST	32	Architectural Practice I	36
EST	33	Materials of Construction	54
EST	200	Energy Systems Technology Work Experience	
ETS	1	Introduction to Ethnic Studies	54
ETS	2	Introduction to Chicanx and Latinx Studies	54
ETS	3	Introduction to African American Studies	54
ETS	7	Women of Color in the United States	54
ETS	8	Introduction to Black Feminism	54
ETS	13	Survey of Black Thought	54
ETS	14	African American History I	54
ETS	15	African American History II	54
ETS	21	Latinx Politics	54
ETS	23	Race, Ethnicity, and Politics in America	54
ETS	27	Native American Cultures	54
ETS	28	Native American History to 1871	54
ETS	29	Native American History II: Contemporary Society	54
ETS	40	Interdisciplinary Research Methods in Ethnic Studies	54
ETS	44	Asian American History	54
ETS	50	Introduction to African American Families and Popula	54
ETS	51	Introduction to Latina and Latino American Families a	54
ETS	52	Introduction to Asian American Families and Populati	54
ETS	53	Introduction to Native American Families and Populat	54
FIT	1	Fire Protection Organization	54
FIT	2	Fire Behavior and Combustion	54
FIT	3	Fire Protection Equipment and Systems	54
FIT	4	Building Construction for Fire Protection	54
FIT	5	Fire Prevention	54

FIT	7	Principles of Fire and Emergency Services Safety and Health	54
FIT	15	Firefighter Refresher - Core Competencies	
FIT	16	Biddle Physical Ability Test	2
FIT	17	Fitness and Nutrition for Public Safety Personnel	54
FIT	200	Fire Technology Work Experience	
FIT	C19	Introduction to Wildland Fire Behavior	7
FIT	C19B	Intermediate Wildland Fire Behavior (S-290)	16
FIT	C19C	Wildland Fire Behavior Calculations (S-390)	24
FIT	C20	ICS 200: Basic Incident Command System for Initial Incidents	13
FIT	C2C	Incident Management of High Rise Fires	20
FIT	C30	Intermediate Incident Command System (I-300)	12
FIT	C39	Division/Group Supervisor (S-339)	24
FIT	C40	Advanced Incident Command System (I-400)	15
FIT	C43	Operations Section Chief All Risk (S-430)	24
FIT	CFO3A	Human Resources Management Chief Fire Officer	28
FIT	CFO3B	Budget and Fiscal Responsibilities Chief Fire Officer	20
FIT	CFO3C	General Administration Functions Chief Fire Officer	24
FIT	CFO3D	Emergency Service Delivery Responsibilities	24
FIT	CO2A	Human Resource Management	40
FIT	CO2B	General Administrative Functions	20
FIT	CO2C	Fire Inspections and Investigations	40
FIT	CO2D	All Risk Command Operations	20
FIT	CO2E	Wildland Incident Operations	28
FIT	COH1	Hazardous Materials Incident Commander	16
FIT	COH2	Hazardous Materials First Responder Operational	16
FIT	COHA	Hazardous Materials First Responder Awareness	7
FIT	DO1A	Fire Apparatus Driver/Operator	17.5
FIT	DO1B	Pumping Apparatus Driver/Operator 1B (2017)	24
FIT	DO1C	Aerial Apparatus Operations	20
FIT	DO1D	Tillered Apparatus Operations	11
FIT	DO1E	Wildland Fire Apparatus Driver/Operator	4.5
FIT	DO1F	Water Tender Operations	6.5
FIT	INS1	Instructor I	16.5
FIT	INS2	Instructor II	24
FIT	INS3	Instructor 3	23
FIT	ISP1A	Fire Inspector 1A: Duties and Administration	19.25
FIT	ISP1B	Fire Inspector 1B: Fire and Life Safety	20.5
FIT	ISP1C	Fire Inspector 1C: Field Inspection	21.5
FIT	ISP1D	Fire Inspector 1D: Field Inspection ? California Specific	15.5
FIT	ISP2A	Fire Inspector 2A: Fire Prevention Administration	11.5
FIT	ISP2B	Fire Inspector 2B: Fire and Life Safety Requirements	18.5
FIT	ISP2C	Fire Inspector 2C: Inspecting New and Existing Fire Alarms	23.5
FIT	ISP2D	Fire Inspector 2D: Hazardous Materials, Operations, and Investigation	29.5
FIT	R10	Fire Fighter Rescue and Rapid Intervention Crew (RRIC)	5.5
FIT	R1A	Structural Collapse Specialist 1	12.75
FIT	R1B	Structural Collapse Specialist 2	8.5
FIT	R2A	Confined Space Rescue, Awareness Level	6

FIT	R2C	Confined Space Rescue Technician	10
FIT	R3	Common Passenger Vehicle Rescue Technician	6.25
FIT	R4	Rope Rescue Awareness Operations	7.5
FIT	R7	Trench Rescue Technician	
FIT	S130	Firefighter Training	10
FIT	S131	Firefighter Type 1	12
FIT	S131B	Firefighter Survival	5
FIT	S21	Public Safety Honor Guard Academy	18
FIT	S3	Basic Fire Fighter Academy	146
FIT	S31A	Fire Fighter 1A Structure	80
FIT	S31B	Hazardous Materials & Weapons of Mass Destruction	16
FIT	S3A	Introduction to Fire Academy and Physical Conditioni	24
FIT	S3B	Firefighter I Academic Capstone & Skills Testing	37
FIT	S3B1	Fire Control 3: Structural Firefighting	14
FIT	S3B2	Fire Control 4A: Ignitable Liquids and Gases Awarene	4
FIT	S3B3	Fire Control 4B: Ignitable Liquids and Gases Technici	7
FIT	S3B4	Fire Control 6: Wildland Fire Fighting Essentials	16
FIT	S404	Safety Officer (NWCG)	28
FRE	1	French 1	90
FRE	2	French 2	90
FRE	3	French 3	90
FRE	8	Intermediate Conversation	54
FRE	11	Culture and Civilization	54
FST	1	Introduction to Film Studies	54
FST	2	Introduction to Television Studies	54
FST	3	Introduction to International Cinema	54
FST	4	Introduction to Film Genres	54
FST	5	Fiction and Film: Adaptation	54
FST	1H	Honors Introduction to Film Studies	54
FTV	12	History of American Film	54
FTV	41	Introduction to Telecommunications	54
FTV	42	Writing for Broadcast Television	54
FTV	48	Short Film Production	36
FTV	52	Film, Television and Video Laboratory	
FTV	53	Telecommunications Laboratory	
FTV	65	The Director?s Art in Filmmaking	54
FTV	66	Advanced Digital Editing Concepts	36
FTV	67	Introduction to Video Production	27
FTV	68	Story Development Process in the Entertainment Indu	54
FTV	72	Introduction to Lighting Design for Film and Televisio	36
FTV	74	Production Planning and Management	54
FTV	76	Advanced Digital Audio Recording Pro Tools 201	36
FTV	77	Intermediate Lighting Techniques for Film, TV and Vi	36
FTV	79	Introduction to Special Effects Make-Up for Film, Tele	54
FTV	200	Telecommunications Work Experience	
FTV	38A	Beginning Film, Television and Video Production Proj	18
FTV	38B	Advanced Film, Television and Video Production Proj	18

FTV	44A	Beginning Television Production	36
FTV	45A	Beginning Television News Production	36
FTV	51A	Film, Television and Video Laboratory I	
FTV	51B	Film, Television and Video Laboratory II	
FTV	64A	Beginning Digital Editing Principles and Techniques	36
FTV	71A	Beginning Sound Engineering for Audio in Media	36
GAM	1	Business of Video Games	54
GAM	2	History of Video Games	54
GAM	7	Game Studio	54
GAM	8	Current Topics in Game Development	54
GAM	200	Simulation and Game Development Work Experience	
GAM	3A	Game Design	54
GAM	3B	Advanced Game Design	54
GAM	4A	Game Scripting	54
GAM	4B	Advanced Game Scripting	54
GAM	5A	Concept Art	54
GAM	5B	Advanced Concept Art	54
GAM	6A	3D Digital Modeling	54
GAM	6B	3D Animation	54
GEG	1	Physical Geography	54
GEG	2	Human Geography	54
GEG	3	World Regional Geography	54
GEG	4	Geography of California	54
GEG	5	Weather and Climate	54
GEG	6	Geography of the United States and Canada	54
GEG	7	Map Interpretation and Analysis	54
GEG	8	Introduction to Geographic Information Systems, with	42
GEG	1H	Honors Physical Geography	54
GEG	1L	Physical Geography Laboratory	
GEG	30A	Field Studies in Geography	
GEG	30B	Field Studies in Geography	
GEG	30C	Field Studies in Geography	
GEG	30D	Field Studies in Geography	
GEO	1	Physical Geology	54
GEO	2	Geology of National Parks and Monuments	54
GEO	3	Geology of California	54
GEO	4	Earth Science for Educators	54
GEO	5	Natural Hazards and Disasters	54
GEO	31	Regional Field Studies in Geology	
GEO	32	Regional Field Studies in Geology	
GEO	1B	Historical Geology	54
GEO	1L	Physical Geology Laboratory	
GEO	30A	Geologic Field Studies of Southern California	
GEO	30B	Geologic Field Studies of Southern California	
GUI	45	Introduction to College	18
GUI	46	Introduction to the Transfer Process	18
GUI	47	Career Exploration and Life Planning	54

GUI	48	College Success Strategies	54
GUI	845	College Readiness	24
GUI	848	Student Success	24
GUI	47A	Introduction to Career Exploration	18
GUI	48A	College Success Strategies-Study Skills	18
GUI	847A	Career Readiness	24
GUI	847B	Educational Planning	24
HCA	1	Professional Aspects of Anesthesia Technology	54
HCA	2	Basic Principles of Anesthesia Technology	54
HCA	3	Advanced Principles of Anesthesia Technology	54
HCA	4	Anesthesia Technology Pharmacology	54
HCA	5	Anesthesia Technology Clinical Experience I	
HCA	6	Anesthesia Technology Clinical Experience II	
HCA	7	Anesthesia Technology Case Study Development and	54
HES	1	Health Science	54
HET	79	Introduction to Healthcare Careers	36
HIS	1	World History to 1500	54
HIS	2	World History since 1500	54
HIS	6	United States History to 1877	54
HIS	7	United States History from 1865	54
HIS	11	Military History of the United States to 1900	54
HIS	12	Military History of the United States Since 1900	54
HIS	14	African American History I	54
HIS	15	African American History II	54
HIS	16	African History to 1800	54
HIS	17	African History from 1800 to Present	54
HIS	18	Modern European History	54
HIS	19	Modern Russian History	54
HIS	25	History of Mexico	54
HIS	26	History of California	54
HIS	28	Native American History to 1871	54
HIS	29	Native American History II: Contemporary Society	54
HIS	31	Introduction to Chicanx and Latinx Studies	54
HIS	32	History of Early Latin America	54
HIS	33	History of Modern Latin America	54
HIS	34	History of Women in the United States	54
HIS	35	History of Britain	54
HIS	38	LGBTQ+ History in the United States	54
HIS	42	History of East Asia	54
HIS	44	Asian American History	54
HIS	60	U.S. History from a Chicana/o/x Perspective: Pre-Col	54
HIS	61	US History from a Chicana/o/x Perspective: 1848 to F	54
HIS	2H	Honors World History since 1500	54
HIS	6H	Honors United States History to 1877	54
HIS	7H	Honors United States History from 1865	54
HLS	1	Introduction to Homeland Security and Terrorism	54
HLS	2	Preparedness for Emergencies, Disasters & Homelar	54

HLS	3	Response to Emergencies, Disasters and Homeland	54
HLS	4	Recovery in Emergencies, Disasters and Homeland	54
HLS	5	Investigation of Emergencies, Disasters and Homelar	54
HLS	6	Case Studies in Emergencies, Disasters and Homela	54
HLS	50	Developing a Personal Philosophy of Leadership and	54
HLS	51	Leading Others Ethically	54
HLS	52	Ethical Leadership in Organizations	54
HLS	53	Ethics and the Challenge of Leadership	54
HLS	101	Introduction to Emergency Management	54
HLS	801	Community Emergency Response Team (CERT)	24
HLS	810	Basic Security Guard Training	8
HLS	811	Advanced Security Guard Training	32
HLS	830	ICS 300: Intermediate Incident Command System for	21
HLS	840	ICS 400: Advanced Incident Command System for C	21
HMS	4	Introduction to Human Services	54
HMS	5	Introduction to Evaluation and Counseling	54
HMS	6	Introduction to Case Management	54
HMS	7	Introduction to Psychosocial Rehabilitation	54
HMS	8	Introduction to Group Process	54
HMS	13	Employment Support Strategies	54
HMS	14	Job Development	54
HMS	16	Public Assistance and Benefits	18
HMS	17	Introduction to Community Mental Health	54
HMS	18	Introduction to Social Work	54
HMS	19	Generalist Practices of Social Work	54
HMS	20	Medical Social Work	54
HMS	21	Social Justice in the Criminal Justice System	54
HMS	22	Human Behavior and the Social Environment	54
HMS	23	Law and Ethics in Social Work, Human Services, & C	54
HMS	24	Creative Arts Therapies and Self-Care for Helping Pr	54
HMS	25	Crisis-Intervention Management	54
HMS	26	Trauma-Focused Counseling	54
HMS	27	Introduction to Multicultural Counseling	54
HMS	28	Military Social Work	54
HMS	29	Introduction to Careers in Social Work	54
HMS	30	Counseling African Americans	54
HMS	31	Counseling Latina and Latino Americans	54
HMS	32	Counseling Asian Americans	54
HMS	33	Counseling Native Americans	54
HMS	34	Counseling Emotionally Disabled Students	54
HMS	35	Counseling Students with a Learning Disability	54
HMS	36	Counseling Families of Special Needs Youth	54
HMS	37	Counseling Clients with Disabilities	54
HMS	38	Introduction to Applied Behavioral Analysis	54
HMS	39	Introduction to Special Education and the IEP (Individ	54
HMS	40	Counseling Youth and Adolescents	54
HMS	41	Counseling and Resources for Survivors of Domestic	54

HMS	42	Counseling and Resources for Families and the Child	54
HMS	43	Counseling and Resources for Older Adults and Their	54
HMS	44	Counseling Youth in Gangs	54
HMS	45	Counseling Youth on Probation	54
HMS	46	Introduction to Resources and Counseling Individuals	54
HMS	47	Counseling of Residential Treatment Clients	54
HMS	48	Counseling and Case Management in Correctional Facilities	54
HMS	49	Careers in Social Work - Counseling Athletes	54
HMS	50	Introduction to African American Families and Populations	54
HMS	51	Introduction to Latina and Latino American Families and Populations	54
HMS	52	Introduction to Asian American Families and Populations	54
HMS	53	Introduction to Native American Families and Populations	54
HMS	60	Introduction to Drugs and Alcohol	54
HMS	61	Evaluation of Narcotics and Controlled Substances	54
HMS	62	Introduction to the Diagnostic and Statistical Manual of Mental Disorders	54
HMS	64	Introduction to Physiology and Pharmacology Related to Social Work	54
HMS	65	Supervised Practicum	45
HMS	66	Clinically Supervised Experience	18
HMS	69	Careers in Social Work- Entry Level Employment & Career Development	54
HMS	70	Social Work Administration Studies - Non-Profit Organizations	54
HMS	71	Grant Writing Essentials	54
HMS	72	Social Work Administration Studies - Social Welfare Institutions	54
HMS	73	Social Work Administration Studies - Administration in Health Care	54
HMS	74	Social Work Administration Studies - Social Work Therapy	54
HMS	200	Human Services Work Experience	
HUM	4	Arts and Ideas: Ancient World Through the Late Medieval Period	54
HUM	5	Arts & Ideas: Renaissance through the Modern Era	54
HUM	8	Introduction to Mythology	54
HUM	9	American Voices	54
HUM	10	World Religions	54
HUM	11	Cults, Crosses, & Colonialism: Religion in America	54
HUM	16	Arts and Ideas: American Culture	54
HUM	18	Walking with the Dead: An Interdisciplinary Perspective	54
HUM	23	The Bible As Literature	54
HUM	35	Philosophy of Religion	54
HUM	10H	Honors World Religions	54
HUM	20A	Arts and Ideas: Special Studies in Humanities	18
HUM	20B	Arts and Ideas: Special Studies in Humanities	36
HUM	20C	Arts and Ideas: Special Studies in Humanities	54
HUM	4H	Honors Arts and Ideas: Ancient World Through the Late Medieval Period	54
HUM	5H	Honors Arts and Ideas: The Renaissance through the Modern Era	54
IAT	10	Industrial Automation 1	54
IAT	15	Industrial Automation 5 - Advanced Operations	54
IAT	20	Industrial Electrical and Motors 1	54
IAT	21	Industrial Electrical and Motors 2	54
IAT	30	Industrial Automation 3 ? Pneumatic and Hydraulic Systems	54
IAT	40	Industrial Automation 4 ? Sensors and Process Control	54

ILA	1	Introduction to Tutor Training	18
ILA	3	Student Resiliency	18
ILA	5	Service Learning and Community Involvement	9
ILA	800	Supervised Tutoring	
ITA	1	Italian 1	90
ITA	2	Italian 2	90
ITA	3	Italian 3	90
ITA	11	Italian Culture and Civilization	54
JOU	1	Introduction to Journalism	54
JOU	2	Intermediate Reporting/News writing	54
JOU	7	Mass Communications	54
JOU	150	Introduction to Public Relations	54
JOU	20A	Newspaper: Beginning	27
JOU	20B	Newspaper: Intermediate	27
JOU	20C	Newspaper: Advanced	27
JOU	20D	Newspaper: Professional	27
JOU	52A	Newspaper Editing: Beginning	36
JOU	52B	Newspaper Editing: Intermediate	36
JOU	52C	Newspaper Editing: Advanced	36
JOU	52D	Newspaper Editing: Executive	36
JPN	1	Japanese 1	90
JPN	2	Japanese 2	90
JPN	3	Japanese 3	90
JPN	4	Japanese 4	90
JPN	11	Japanese Culture and Civilization	54
KIN	4	Nutrition	54
KIN	6	Introduction to PE for Preschool and Elementary Chil	45
KIN	10	Introduction to Kinesiology	54
KIN	12	Sport Psychology	54
KIN	14	Athletic and Fitness Organization and Administration	54
KIN	16	Introduction to Athletic Training	45
KIN	17	Athletic Training, Fall Sports, Lower Extremity	18
KIN	18	Athletic Training, Spring Sports, Upper Extremity	18
KIN	19	Athletic Training, Fall Sports, Head, Neck, Spine, Tor	18
KIN	20	Athletic Training, Spring Sports, General Medical	18
KIN	23	Volleyball Coaching Theory	54
KIN	24	Sports Officiating - Fall Sports	54
KIN	25	Sports Officiating - Spring Sports	54
KIN	26	Foundations of Coaching	54
KIN	27	Football Theory	54
KIN	28	Basketball Theory	54
KIN	29	Soccer Theory	54
KIN	30	First Aid and CPR	54
KIN	33	Baseball Theory	54
KIN	34	Softball Theory	36
KIN	35	Foundation for Fitness and Wellness	36
KIN	36	Wellness: Lifestyle Choices	54

KIN	38	Stress Management	45
KIN	39	Sociology of Sports	54
KIN	42	Lifeguarding/Title 22 First Aid/Water Safety Instructor	54
KIN	43	Introduction to Personal Training	36
KIN	45	Group Fitness Instructor	36
KIN	21A	Athletic Training Applications A	
KIN	21B	Athletic Training Applications B	
KIN	21C	Athletic Training Applications C	
KIN	21D	Athletic Training Applications D	
KIN	44A	Yoga Instructor Fundamentals	36
KIN	44B	Yoga Instructor Methodologies	36
KIN	A03	Adaptive Physical Fitness	
KIN	A04	Adaptive Water Exercise	
KIN	A07	Badminton	
KIN	A08A	Pickleball, Beginning	
KIN	A08B	Pickleball, Intermediate	
KIN	A08C	Pickleball, Advanced	
KIN	A11	Tennis, Beginning	
KIN	A12	Tennis, Intermediate	
KIN	A13	Tennis, Advanced	
KIN	A20	Golf, Beginning	
KIN	A21	Golf, Intermediate	
KIN	A28	Swimming, Beginning	
KIN	A29	Swimming, Intermediate	
KIN	A30	Swimming, Advanced Skills and Conditioning	
KIN	A31A	Beginning Hydro HIIT (High Intensity Interval Training)	
KIN	A31B	Intermediate Hydro HIIT (High Intensity Interval Training)	
KIN	A31C	Advanced Hydro HIIT (High Intensity Interval Training)	
KIN	A37	Self-Defense	
KIN	A40	Karate, Beginning	
KIN	A41	Karate, Intermediate	
KIN	A42	Karate, Advanced	
KIN	A43	T'ai-chi Ch'uan, Beginning	
KIN	A44	T'ai-chi Ch'uan, Intermediate	
KIN	A46	Yoga, Beginning	
KIN	A47	Yoga, Intermediate	
KIN	A48	Yoga, Advanced	
KIN	A54A	FastPitch Softball Fundamentals - Beginning	
KIN	A54B	FastPitch Softball Fundamentals - Advanced	
KIN	A55	Slow Pitch Softball	
KIN	A57A	Basketball, Beginning	
KIN	A57B	Basketball, Intermediate	
KIN	A57C	Basketball, Advanced	
KIN	A62	Flag Football	
KIN	A64A	Soccer, Beginning	
KIN	A64B	Soccer, Intermediate	
KIN	A64C	Soccer, Advanced	

KIN	A67	Volleyball, Beginning
KIN	A68	Volleyball, Intermediate
KIN	A69	Volleyball, Advanced
KIN	A71	Beach Volleyball
KIN	A75A	Walking for Fitness: Beginning
KIN	A75B	Walking for Fitness: Intermediate
KIN	A77A	Jogging for Fitness, Beginning
KIN	A77B	Jogging for Fitness, Intermediate
KIN	A77C	Jogging for Fitness, Advanced
KIN	A81A	Cardio and Strength Training, Beginning
KIN	A81B	Cardio and Strength Training, Intermediate
KIN	A81C	Cardio and Strength Training, Advanced
KIN	A83	Kickboxing Aerobics
KIN	A86	Step Aerobics
KIN	A87	Step Aerobics, Intermediate
KIN	A88	Step Aerobics, Advanced
KIN	A89A	Beginning Body Sculpting
KIN	A89B	Intermediate Body Sculpting
KIN	A89C	Advanced Body Sculpting
KIN	A90A	Weight Training - Beginning
KIN	A90B	Weight Training - Intermediate
KIN	A90C	Weight Training - Advanced
KIN	V01	Cross Country, Varsity, Men
KIN	V02	Football, Varsity, Men
KIN	V04	Basketball, Varsity, Men
KIN	V05	Baseball, Varsity, Men
KIN	V06	Track and Field, Varsity, Men
KIN	V07	Golf, Varsity, Men
KIN	V08	Tennis, Varsity, Men
KIN	V09	Swimming and Diving, Varsity Men
KIN	V10	Soccer, Varsity Men
KIN	V11	Pep Squad, Varsity, Men and Women
KIN	V12	Cross Country, Varsity, Women
KIN	V14	Track and Field, Varsity, Women
KIN	V18	Tennis, Varsity, Women
KIN	V19	Swimming and Diving, Varsity, Women
KIN	V20	Basketball, Varsity, Women
KIN	V21	Volleyball, Varsity, Women
KIN	V22	Fastpitch, Varsity, Women
KIN	V23	Water Polo, Varsity, Men
KIN	V24	Water Polo, Varsity, Women
KIN	V25	Soccer, Varsity, Women
KIN	V26	Song/Cheerleading
KIN	V27	Stunt
KIN	V33	Track and Field Techniques: Running Event Techniques
KIN	V34	Track and Field Techniques: Field Event Techniques
KIN	V50	Baseball Fundamentals, Defensive

KIN	V51	Baseball Fundamentals, Offensive	
KIN	V52	Fastpitch Fundamentals: Offensive	
KIN	V53	Fastpitch Fundamentals: Defensive	
KIN	V55	Basketball Fundamentals, Offensive	
KIN	V56	Basketball Fundamentals, Defensive	
KIN	V60	Football Fundamentals, Defensive	
KIN	V61	Football Fundamentals, Offensive	
KIN	V70	Water Polo Techniques	
KIN	V71	Women's Beach Volleyball	
KIN	V72	Women's Indoor Volleyball	
KIN	V73	Women's Beach Volleyball Conditioning	
KIN	V78	Long Distance Running	
KIN	V82	Speed, Agility, and Quickness Training	
KIN	V92	Weight Training, Varsity Athletes	
KIN	V94	In-Season Varsity Sport Conditioning	
KIN	V95	Out-Of-Season Sport Conditioning	
LIB	1	Introduction to Information Literacy	18
LOT	5	Fundamentals of Light	36
LOT	15	Fundamentals of Photonics	36
LOT	25	Quality Assurance for Precision Optics	54
LOT	35	Optical Metrology and Interferometry	36
MAG	40	The American Management Association Certified Pro	54
MAG	41	Leadership, Trust, and Emotional Intelligence	54
MAG	44	Principles of Management	54
MAG	47	Applied Business and Management Ethics	54
MAG	51	Elements of Supervision	54
MAG	52	Employee Training & Development	54
MAG	53	Human Relations	54
MAG	54	HRM: Employee Labor Relations	54
MAG	56	HRM: Human Resources Management	54
MAG	60	Introduction to Hospitality Management	54
MAG	62	Restaurant and Hotel Management	54
MAG	70	Introduction to Organization Development	54
MAG	200	Management Work Experience	
MAN	10	Manufacturing Basic Operations	54
MAN	11	Manufacturing Advanced Operations	54
MAN	12	Robot Systems Basic Operations	36
MAN	13	Robot Systems Advanced Operations	18
MAN	15	Industry 4.0 Total Productive Maintenance	18
MAN	27	Variable Frequency Drive Systems	18
MAN	28	Motor Control Troubleshooting 1	36
MAN	35	Computer Aided Manufacturing-Mastercam	63
MAN	36	General Machine Shop and Theory of Machining	54
MAN	55	Occupational Safety and Health Administration (OSH)	18
MAN	56	CNC Machine Set-Up and Operation	54
MAN	57	CNC Program Writing	36
MAN	60	Hydraulic and Pneumatic Systems	54

MAN	61	Robotics for Manufacturing	36
MAN	63	LabVIEW Visual Programming for Automated System	36
MAN	64	Programmable Logic Controllers	36
MAN	66	Pneumatic Fluid Power Systems	27
MAN	67	Programmable logic controllers using Siemens	36
MAN	68	Fundamentals of Maintenance	54
MAN	69	Fundamentals of Tooling and Test Equipment	27
MAN	72	Commercial and Industrial Electrical Wiring	54
MAN	73	Electric Motors and Transformers	54
MAN	74	Industrial Wiring and Controls	54
MAN	77	Electrical Theory for Electricians	36
MAN	78	Hydraulic Fluid Power Systems	27
MAN	200	Manufacturing Technology Work Experience	
MAN	835	Computer Aided Manufacturing-Mastercam	63
MAN	836	General Machine Shop and Theory of Machining	54
MAN	856	CNC Machine Set-Up and Operation	54
MAN	857	CNC Program Writing	36
MAN	860	Hydraulic and Pneumatic Systems	54
MAN	864	Programmable Logic Controllers	36
MAT	2	Differential Equations	72
MAT	3	Linear Algebra	54
MAT	5	Calculus for Business and Life Science	72
MAT	9	BSTEM College Algebra	90
MAT	10	Precalculus	90
MAT	11	College Algebra	72
MAT	23	Trigonometry & Precalculus	90
MAT	25	Mathematics for the Liberal Arts Student	54
MAT	26	Math for Elementary School Teachers	72
MAT	32	Introduction to Symbolic Logic	54
MAT	36	Trigonometry	72
MAT	39	Foundations of Calculus I	54
MAT	42	Algebra for Statistics and Liberal Arts	108
MAT	105	Corequisite Support for Math 5	36
MAT	109	Corequisite Support for MAT-9	18
MAT	111	Corequisite Support Course for MAT-11	36
MAT	112	Corequisite Support for STAT C1000	36
MAT	125	Corequisite Support for MAT-25	36
MAT	139	Corequisite Support for MAT-39	36
MAT	801	Elementary Algebra Review - Algebraic Expressions	18
MAT	802	Elementary Algebra Review - Factoring	18
MAT	803	Elementary Algebra Review - Equation Solving	18
MAT	804	Elementary Algebra Review - Graphing	18
MAT	101A	Corequisite Support for Math 1A	36
MAT	1A	Calculus I	72
MAT	1AH	Honors Calculus I	72
MAT	1B	Calculus II	72
MAT	1C	Calculus III	72

MAT	70A	Foundations of Data Science	54
MAT	70B	Statistics for STEM	72
MDA	10	Medical Terminology	54
MDA	11	Medical Documentation and Terminology	36
MDA	50	Medical Assisting Core	36
MDA	59	Medical Office Procedures	54
MDA	60	Survey of Human Disease Processes	36
MDA	61	Pharmacology for Medical Office Personnel	36
MDA	62	CPT/Coding	54
MDA	63	Diagnostic Coding	54
MDA	64	Advanced Diagnostic Coding	54
MDA	100	Medical Assisting Externship	9
MDA	54A	Clinical Medical Assisting I	36
MDA	54B	Clinical Medical Assisting II	54
MDA	58A	Medical Transcription/Health Documentation	72
MDA	58B	Advanced Medical Transcription	45
MIL	1	Military History of the United States to 1900	54
MIL	2	Military History of the United States Since 1900	54
MIS	2	Songwriting	18
MIS	3	Digital Audio Production 1	54
MIS	4	Digital Audio Production 2	54
MIS	7	Introduction To Music Technology	36
MIS	12	Live Sound Reinforcement	36
MIS	13	Recording Studio Workshop I	36
MIS	200	MIS Music Industry Studies Work Experience	
MIS	10A	Norco Choir I	
MIS	10B	Norco Choir II	
MIS	11A	Studio Arts Ensemble I	
MIS	11B	Studio Arts Ensemble II	
MIS	1A	Beginning Performance Techniques For Studio Recording	
MIS	1B	Intermediate Performance Techniques For Studio Recording	
MIS	1C	Advanced Performance Techniques For Studio Recording	
MKT	20	Principles of Marketing	54
MKT	25	Marketing for Professionals	54
MKT	40	Advertising	54
MKT	41	Techniques of Selling	54
MKT	42	Retail Management	54
MKT	43	Digital Marketing	54
MKT	200	Marketing Work Experience	
MUC	2	Songwriting	17
MUC	4	Intermediate Pro Tools: 110	36
MUC	5	Sound Design I	36
MUC	6	Sound Design II	36
MUC	7	Introduction To Music Technology	36
MUC	8	Composing Music For Video Games	36
MUC	9	Voice Acting and Dialogue For Video Games	36
MUC	10	Norco Choir	

MUC	11	Studio Arts Ensemble	
MUC	12	Live Sound Reinforcement	36
MUC	13	Recording Studio Workshop I	36
MUS	1	Teaching Music to Young Children	54
MUS	3	Fundamentals of Music	54
MUS	4	Music Theory I	54
MUS	5	Music Theory II	54
MUS	6	Music Theory III	54
MUS	9	Film Scoring and Film Sound	36
MUS	10	Digital Music Production and Mixing	36
MUS	11	Studio Recording Techniques I	27
MUS	12	Applied Piano II	
MUS	19	Music Appreciation	54
MUS	22	Survey of Music Literature	54
MUS	23	History of Rock and Roll	54
MUS	25	Jazz Appreciation	54
MUS	26	Film Music Appreciation	54
MUS	28	Riverside Community Symphony	
MUS	29	Concert Choir	
MUS	30	Class Voice	
MUS	31	College Choir	
MUS	33	Vocal Jazz Ensemble	
MUS	35	Vocal Music Ensembles	
MUS	36	Instrumental Chamber Ensembles	
MUS	37	Class Guitar	
MUS	38	Beginning Applied Music I	
MUS	39	Applied Music I	
MUS	40	Class Percussion	
MUS	41	Chamber Singers	
MUS	42	Wind Ensemble	
MUS	44	Jazz Ensemble	
MUS	48	Marching Band	
MUS	49	Indoor Marching Percussion	
MUS	50	Master Chorale	
MUS	52	Recital Performance	
MUS	53	Keyboard Proficiency	
MUS	54	Community Jazz Ensemble	
MUS	55	Community Concert Band	
MUS	56	Interession Concert Band	
MUS	57	Gospel Singers	
MUS	58	Gospel Choir	
MUS	59	Winter Marching Band Clinic	
MUS	60	Summer Marching Band Clinic	
MUS	61	Auxiliary Marching Units	
MUS	65	Basic Musicianship	36
MUS	66	Indoor Color Guard	
MUS	67	Community Chamber Ensemble	

MUS	68	Community Symphony	
MUS	69	Festival Choir	
MUS	70	Guitar Lab Ensemble	
MUS	71	College Chorus	
MUS	73	Vocal Jazz Singers	
MUS	74	Jazz Proficiency	
MUS	75	Advanced Vocal Ensembles	
MUS	76	Advanced Instrumental Chamber Ensembles	
MUS	77	Guitar Ensemble	
MUS	78	Beginning Applied Music II	
MUS	79	Applied Music II	
MUS	80	Master Singers	
MUS	81	Consort Singers	
MUS	82	Wind Symphony	
MUS	83	Advanced Chamber Choir	
MUS	84	Jazz Orchestra	
MUS	85	Intersession Chamber Ensembles	
MUS	86	Intersession Jazz Ensemble	
MUS	87	Applied Music Training	
MUS	89	Music of Multicultural America	54
MUS	92	Basic Piano	
MUS	93	The Business of Music	54
MUS	94	Community Jazz Orchestra	
MUS	95	Community Symphony Band	
MUS	97	Pep Band	
MUS	98	Careers in Music	54
MUS	101	Introduction to Music Technology	54
MUS	829	Concert Choir for Older Adults	
MUS	854	Jazz Ensemble for Older Adults	0
MUS	855	Concert Band for Older Adults	0
MUS	858	Gospel Choir for Older Adults	
MUS	868	Symphony Orchestra for Older Adults	0
MUS	870	Guitar Lab Ensemble for Older Adults	
MUS	19H	Honors Music Appreciation	54
MUS	32A	Class Piano I	
MUS	32B	Class Piano II	
MUS	32C	Class Piano III	
MUS	32D	Class Piano IV	
MUS	43A	Jazz Improvisation and Theory I	
MUS	43B	Jazz Improvisation and Theory II	
MUS	43C	Jazz Improvisation and Theory III	
MUS	89H	Honors Music of Multicultural America	54
MUS	8A	Music Technology I	36
MUS	8B	Music Technology II	36
MUS	P11	Live Sound Techniques I	27
MUS	P12	Applied Piano I	
MUS	P27	Beginning String Techniques	

MUS	P28	Symphony Strings	
MUS	P32A	Jazz Piano I	
MUS	P36	Piano Ensemble	
MUS	P42	Symphonic Winds	
MUS	P44	Jazz Lab Band	
MUS	P51	Live and Studio Sound Techniques II	18
MUS	P52A	Songwriting I	18
MUS	P52B	Songwriting II	18
MUS	P70	Guitar Lab Ensemble II	
MUS	P76	Advanced Piano Ensemble	
MUS	P77	Advanced Guitar Ensemble	
MUS	P84	Jazz Lab Orchestra	
MUS	P87	Applied Music Training II	
NNA	79	Medical Terminology for Healthcare Professionals	54
NNA	80	Nursing Assistant Training Program (NATP)	60
NNA	81	Certified Home Health Aide	20
NNA	86	Acute Care Nurse Assistant	24
NNA	80A	Nursing Learning Laboratory	
NNA	80B	Nursing Learning Laboratory	
NRN	6	Nursing Learning Laboratory	
NRN	7	Nursing Learning Laboratory	
NRN	8	Nursing Learning Laboratory	
NRN	11	Foundations of Nursing Practice Across the Lifespan	81
NRN	12	Acute and Chronic Medical-Surgical Nursing Across t	81
NRN	14	Health Promotion and Wellness Across the Lifespan	54
NRN	18	Transition Course for Advanced Placement Students	36
NRN	19	Transition Course for Advanced Placement for Non-N	36
NRN	21	Acute Adult Medical-Surgical and Mental Health Nurs	81
NRN	22	Advanced Medical-Surgical Nursing Across the Lifespan	81
NRN	93	Calculations for Healthcare Providers	27
NRN	94	Nursing Clinical Devel Practicum	
NRN	100	Essentials of Nursing Practice	27
NRN	107	Essentials of Nursing Practice Laboratory	
NRN	200	Nursing Work Experience	
NRN	11A	Nursing Learning Laboratory	
NRN	11B	Nursing Learning Laboratory	
NRN	11C	Nursing Learning Laboratory	
NRN	12A	Nursing Learning Laboratory	
NRN	12B	Nursing Learning Laboratory	
NRN	12C	Nursing Learning Laboratory	
NRN	18B	Nursing Learning Laboratory	0
NRN	19B	Nursing Learning Laboratory	
NRN	21A	Nursing Learning Laboratory	
NRN	21B	Nursing Learning Laboratory	
NRN	21C	Nursing Learning Laboratory	
NRN	22A	Nursing Learning Laboratory	
NRN	22B	Nursing Learning Laboratory	

NRN	22C	Nursing Learning Laboratory	
NVN	42	Introductory Concepts of Vocational Nursing - Funda	126
NVN	43	Intermediate Concepts of Vocational Nursing - Mater	63
NVN	44	Intermediate Concepts of Vocational Nursing - Medic	126
NVN	45	Advanced Concepts of Vocational Nursing -Medical/S	63
NVN	52	Introductory Concepts of Vocational Nursing - Nursin	72
NVN	55	An Introductory Course to Contemporary Vocational I	90
NVN	60	Intermediate Vocational Nursing Foundations-Nursing	18
NVN	61	Intermediate Concepts of Vocational Nursing-Care of	63
NVN	62	Intermediate Concepts of Vocational Nursing-Medical	126
NVN	63	Intermediate Concepts of Vocational Nursing - Menta	36
NVN	70	Advanced Vocational Nursing Foundations-Role Tran	18
NVN	71	Advanced Vocational Nursing Foundations-Medical/S	72
NVN	42A	Nursing Learning Laboratory	
NVN	42B	Nursing Learning Laboratory	
NVN	42C	Nursing Learning Laboratory	
NVN	44A	Nursing Learning Laboratory	
NVN	44B	Nursing Learning Laboratory	
NVN	44C	Nursing Learning Laboratory	
NVN	52A	Nursing Learning Laboratory	
NVN	55A	Vocational Nursing Practice and Nutrition Across the	54
NVN	55B	Principles of Pathophysiology	36
NVN	62A	Nursing Learning Laboratory	
NXN	78	Pharmacology in Clinical Nursing Practice	54
NXN	81	Introduction to Critical Care Nursing	90
NXN	84	Preparing for Success in Nursing School	36
OCE	1	Introduction to Oceanography	54
OCE	1L	Introduction to Oceanography Laboratory	
PAL	10	Introduction to Paralegal Studies	54
PAL	14	Legal Ethics	54
PAL	64	Legal Research and Computer Applications	54
PAL	65	Law Office Technology	54
PAL	68	Civil Litigation and Procedures I	54
PAL	70	Law Office Policies, Procedures and Ethics	27
PAL	72	Legal Analysis and Writing	54
PAL	78	Civil Litigation and Procedures II	54
PAL	80	Internship Project	27
PAL	81	Bankruptcy Law and Procedures	54
PAL	82	Immigration Law, Practice and Procedures	54
PAL	83	Estate Planning and Probate Procedures	54
PAL	84	Criminal Law and Procedure	54
PAL	85	Family Law and Procedures	54
PAL	86	Tort Law and Alternative Dispute Resolution	54
PAL	87	Trial Practice Preparation and Procedures	54
PAL	89	Sports Management and Entertainment Law	54
PAL	90	E-Discovery and Litigation Support Applications	54
PAL	200	Paralegal Studies Work Experience	

PDS	801	Leadership Skills	12
PDS	802	Supervisory Skills	12
PDS	803	Increasing Productivity	12
PDS	804	Motivating Yourself and Others	12
PDS	805	Difficult Conversations	12
PDS	806	The Art of Negotiating and Collaborating	12
PDS	807	Personality Styles and Difficult Relationships	12
PDS	808	Critical Thinking, Problem Solving and Decision Making	12
PDS	809	Business Writing in a Technological World	12
PDS	810	Time Management	12
PDS	811	High Impact Presentations and Proposals for the Workplace	12
PDS	812	Workplace Communication Strategies	12
PDS	813	Best Practices in Customer Service	12
PDS	814	Closing Techniques That Win the Sale	12
PDS	815	Winning Sales Scripts	12
PDS	816	Personal Finance	18
PDS	817	Financial Future	9
PDS	818	The Successful Job Search	9
PHI	10	Introduction to Philosophy	54
PHI	11	Critical Thinking and Analytic Writing	54
PHI	12	Introduction to Ethics	54
PHI	13	Philosophy of Art	54
PHI	14	Survey of Black Thought	54
PHI	18	Walking with the Dead: An Interdisciplinary Perspective	54
PHI	19	Native American Thought	54
PHI	22	Philosophy of Science	54
PHI	32	Introduction to Symbolic Logic	54
PHI	33	Introduction to Social and Political Philosophy	54
PHI	34	Philosophical Survey of Sex, Gender, and Sexuality	54
PHI	35	Philosophy of Religion	54
PHI	36	Asian Philosophy	54
PHI	10H	Honors Introduction to Philosophy	54
PHO	7	Medium and Large Format Film Photography	36
PHO	8	Introduction to Film Photography	36
PHO	9	Intermediate Photography	36
PHO	11	Commercial and Advertising Photography	36
PHO	12	Photojournalism	36
PHO	14	Lighting for Photographers	36
PHO	15	Wedding and Event Photography	36
PHO	18	Photoshop, Lightroom, and Printing for Photographer	36
PHO	19	Color Correction and the Photographic Portfolio	36
PHO	20	Introduction to Digital Photography	36
PHO	22	Photography for Social Media	36
PHO	23	Drone Photography	36
PHO	27	Forensic & Crime Scene Photography	36
PHO	67	Business Practices for Photographers	54
PHO	200	Photography Work Experience	

PHS	1	Introduction to Physical Science	54
PHS	5	Weather and Climate	54
PHY	10	Introduction to General Physics	54
PHY	11	Physics Laboratory	
PHY	2A	General Physics I	54
PHY	2B	General Physics II	54
PHY	4A	Mechanics	54
PHY	4B	Electricity and Magnetism	54
PHY	4C	Heat, Light and Waves	54
PHY	4D	Modern Physics	72
POLS	2	Comparative Politics	54
POLS	3	Introduction to Politics	54
POLS	4	Introduction to World Politics	54
POLS	5	Introduction to Law	54
POLS	6	Introduction To Political Economy	54
POLS	8	Introduction To Public Policy and Administration	54
POLS	10	International Organizations	54
POLS	11	Political Theory	54
POLS	13	Introduction American Foreign Policy	54
POLS	14	Internship in Political Science	27
POLS	17	Politics of Developing Countries	54
POLS	20	Latin American Politics	54
POLS	21	Latinx Politics	54
POLS	22	Politics of the Middle East	54
POLS	23	Race, Ethnicity and Politics in America	54
POLS	2H	Honors Comparative Politics	54
POLS	4H	Honors Introduction to World Politics	54
POLS	C1000	American Government and Politics	54
POLS	C1000H	American Government and Politics - Honors	54
POR	1	Portuguese 1	90
POR	2	Portuguese 2	90
PSYC	2	Biological Psychology	54
PSYC	8	Social Psychology	54
PSYC	9	Developmental Psychology	54
PSYC	10	Personal and Social Adjustment	54
PSYC	11	Psychology of Human Sexuality	54
PSYC	33	Theories of Personality	54
PSYC	35	Abnormal Psychology	54
PSYC	48	Statistics for the Behavioral Sciences	72
PSYC	50	Research Methods in Psychology	63
PSYC	148	Corequisite Support for PSYC-48	36
PSYC	35H	Honors Abnormal Psychology	54
PSYC	C1000	Introduction to Psychology	54
PSYC	C1000H	Introduction to Psychology - Honors	54
PUB	1	Introduction to Public Health	54
RLE	80	Real Estate Principles	54
RLE	81	Real Estate Practices	54

RLE	82	Legal Aspects of Real Estate	54
RLE	83	Real Estate Finance	54
RLE	84	Real Estate Appraisal	54
RLE	85	Real Estate Economics	54
RLE	86	Escrow Procedures I	54
RLE	200	Real Estate Work Experience	
RUS	1	Russian 1	90
RUS	2	Russian 2	90
RUS	3	Russian 3	90
RUS	11	Russian Culture and Civilization	54
SCA	1	Introduction to Automated Warehousing	36
SCA	10	Industrial Automation 1	54
SCA	12	Introduction to Automation Networking	54
SCA	200	Supply Chain Automation Work Experience	
SCA	812	Introduction to Automation Networking	54
SCE	804	Engaging Topics for Lifelong Learners	12
SCE	809	Computer Basics for Lifelong Learners	
SCE	811	Drawing and Painting for Lifelong Learners	
SCE	813	Healthy Aging for Lifelong Learners	12
SCE	830	Mature Driver Improvement for Lifelong Learners	8
SCE	840	Craft Design for Lifelong Learners	
SCT	1	Introduction to Automated Warehousing	36
SCT	200	Supply Chain Technology Work Experience	
SJS	110	Introduction to Social Justice Studies	54
SOC	1	Introduction to Sociology	54
SOC	2	American Social Problems	54
SOC	3	Social Inequality	54
SOC	10	Race and Ethnic Relations	54
SOC	12	Marriage and Family Relations	54
SOC	15	Introduction to Women's Studies	54
SOC	20	Introduction To Criminology	54
SOC	21	Introduction to Deviance	54
SOC	23	Special Studies in Culture	18
SOC	25	Introduction to the Sociology of Sex and Gender	54
SOC	47	Special Topics in Sociology	54
SOC	48	Statistics for the Behavioral Sciences	72
SOC	50	Introduction to Social Research Methods	54
SOC	148	Corequisite Support for SOC-48	36
SOC	10H	Honors Race and Ethnic Relations	54
SOC	1H	Honors Introduction to Sociology	54
SPA	1	Spanish 1	90
SPA	2	Spanish 2	90
SPA	3	Spanish 3	90
SPA	4	Spanish 4	90
SPA	8	Intermediate Conversation	54
SPA	11	Spanish Culture and Civilization	54
SPA	12	Latin American Culture and Civilization	54

SPA	51	Introductory Listening Comprehension I	36
SPA	2H	Honors Spanish 2	90
STAT	13	Introduction to Statistics With Embedded Support	108
STAT	C1000	Introduction to Statistics	72
STAT	C1000H	Introduction to Statistics - Honors	72
THE	2	Play Practicum-Special Projects Laboratory I	
THE	3	Introduction to the Theater	54
THE	4	Play Practicum-Special Projects Lab II	
THE	5	Theater Practicum	
THE	6	Advanced Theater Practicum	
THE	9	Dramatic Literature-Script Analysis	54
THE	25	Makeup for the Stage	18
THE	26	Directing for the Stage	45
THE	29	Musical Theater Appreciation	54
THE	30	Voice and Movement for the Stage	18
THE	32	Acting Fundamentals - Theater Games and Exercises	36
THE	33	Scene Acting-Creating a Role	36
THE	34	Scene Study in Various Theatrical Styles	36
THE	35	Classical Acting with Emphasis in Shakespearean Verse	36
THE	36	Improviseational Acting	36
THE	37	Musical Theater Techniques	36
THE	38	Auditioning for the Stage	9
THE	39	Acting for the Camera	45
THE	41	Elementary Stagecraft	36
THE	44	Theatrical Set Design	45
THE	46	Theatrical Costume Design	45
THE	48	Theatrical Lighting Design	45
THE	49	Scenic Painting for the Theater	36
THE	54	Introduction to Stage Management	54
THE	55	Beginning Musical Theatre I	36
THE	56	Beginning Musical Theatre II	36
THE	57	Intermediate Musical Theatre I	36
THE	58	Intermediate Musical Theatre II	36
THE	200	Theatre Arts Work Experience	
THE	805	Theatre Practicum for Older Adults	
WEL	20	Blueprint Reading for Welders	36
WEL	22	Plate and Structural Layout	27
WEL	24	Pipe Fitting for the Trades	36
WEL	26	Pipe Layout	27
WEL	200	Welding Work Experience	
WEL	115A	SMAW/GMAW Pipe Welding Fundamentals	27
WEL	65A	Beginning Shielded Metal Arc Welding	27
WEL	65B	Advanced Shielded Metal Arc Welding	27
WEL	75A	Gas Metal Arc Welding	27
WEL	75B	Flux Cored Arc Welding (FCAW)	27
WEL	85A	American Welding Society/Los Angeles City Welding	27
WEL	85B	American Welding Society/Los Angeles City Welding	27

WEL	95A	Introduction to Gas Tungsten Arc Welding	27
WEL	95B	Advanced Gas Tungsten Arc Welding (GTAW)	27
WKX	200	General Work Experience	
WKX	201	General Work Experience	18
WKX	BIT	Biotechnology Work Exp	18

Max Lec Hours	Min Lab Hours	Max Lab Hours	Outside of Class Hours	Min Units	Max Units
			36	1	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			144	4	
				1	4
			32	0	
			32	0	
			32	0	
			64	0	
	27		18	1	
			108	3	
			108	3	
	27		18	0	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
	0		108	3	
			108	3	
	12		108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			32	0.5	
	54		72	3	
	0		108	3	
	0		108	3	
			108	3	
			108	3	
			108	3	
	12		108	3	
	12		108	3	
			108	3	
			60	1	4

	60	1
	12	0
	32	0
54	0	1
	108	3
54	0	1
	108	3
	108	3
	16	0.25
4	8	0.25
4	40	1
2	12	0.25
6	4	0.25
		0.25
	16	0.25
	48	1
	80	2
8	32	1
2	12	0.25
	80	2
28	8	0.5
30	60	2
359	1224	40.5
	108	3
14	132	3.5
147.5	454	15
15	130	3.5
14	292	8
	48	1
4	72	2
	16	0.25
	16	0.25
4	8	0.25
	32	0.5
	16	0.25
	16	0.25
13	54	1.5
85	216	7.5
125	300	10.5
200	510	17.5
0	160	4
4	72	2
4	72	2
4	152	4
4	152	4
4	40	1
16	16	0.5

[illegible]

	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
54	72	3
27	90	3
27	90	3
27	90	3
27	90	3
27	90	3
27	90	3
54	72	3
54	72	3
54	72	3
54	72	3
		1
54	72	3
54	72	3
54	72	3
54	72	3
27	54	2
	72	2
	108	3
	108	3
	108	3
	36	1
	108	0
27		0
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
54	72	3
	108	3
54	0	1
	108	3
	0	4
18	180	5
18	180	5

[illegible]

72	72	3
72	72	3
72	72	3
72	72	3
72	72	3
72	72	3
72	72	3
72	72	3
72	72	3
72	72	3
72	72	3
72	72	3
72	72	3
72	72	3
72	72	3
72	72	3
72	72	3
72	72	3
	108	3
18	144	4
18	144	4
18	144	4
18	144	4
18	144	4
	108	3
27	144	4.5
27	144	4.5
27	144	4.5
108	0	2
	108	3
	108	3
	108	3
	108	3
	108	3
108	72	4
108	72	4
108	72	4
108	72	4
108	72	4
108	72	4
81	90	4
108	72	4
108	72	4
108	72	4
		1
108	0	2
108	0	2
81	90	4
81	90	4

81	90	4	
81	90	4	
27	126	4	
		1	4
	36	0	
	36	0	
	36	0	
	36	0	
	36	0	
	36	0	
	36	0	
	72	0	
81	90	4	
81	90	4	
81	90	4	
81	90	4	
81	90	4	
81	90	4	
81	90	4	
81	90	4	
81	90	4	
81	90	4	
81	90	4	
297	108	8.5	
297	108	8.5	
27	54	2	
27	36	1.5	
27	36	1.5	
27	36	1.5	
27	36	1.5	
36	48	2	
27	36	1.5	
27	36	1.5	
27	36	1.5	
27	36	1.5	
27	54	2	
36	48	2	
36	48	2	
36	48	2	
36	48	2	
36	48	2	
27	36	0	
27	36	0	
27	36	0	
27	36	0	
36	48	0	

27	36	0
27	36	0
27	36	0
27	36	0
27	54	0
36	48	0
36	48	0
36	48	0
36	48	0
36	48	0
54	108	4
54	108	4
54	108	4
54	108	4
54	108	4
54	108	4
54	108	4
54	108	4
54	108	3
54	108	3
108	0	2
	108	3
	108	3
	108	3
54	72	3
54	72	3
	108	3
54	108	4
	108	3
54	108	4
54	144	5
54	144	5
54	0	1
54	108	4
54	0	1
108	0	2
162	0	3
162	0	3
162	0	3
108	72	4
108	72	4
54	144	5
	108	3
	72	2
	72	2
	108	3
	108	3

	108	3	
	108	3	
	108	3	
	108	3	
	72	2	
	72	2	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
	54	1.5	
	54	1.5	
	108	3	
	108	3	
	108	3	
	108	3	
		1	4
		0	
		0	
		0	
	0	0	
		0	
	54	0	
	108	0	
	108	0	
	108	0	
	108	0	
	108	3	
	108	3	
	108	3	
	144	4	
18	108	3	
	108	3	
	108	3	
	108	3	
18	108	3	
18	108	3	
18	108	3	
18	108	3	

18	36	1
	108	3
	108	3
18	108	3
18	54	1.5
18	108	3
18	108	3
18	108	3
18	108	3
18	108	3
18	54	1.5
18	108	3
		1
	24	0
	0	0
	24	0
	0	0
	24	0
		0
		0
6	0	0
6		0
6		0
9		0
9	0	0
4.5		0
4.5		0
4.5		0
6	6	0
9	18	0
	36	1
	36	1
18	108	3
18	108	3
18	108	3
18	108	3
18	54	0
18	54	0
18	54	1.5
18	54	1.5
18	54	1.5
	96	0
48	48	0
60	48	0
54	108	4
	108	3
	108	3

108	108	5
108	108	5
108	108	5
108	108	5
108	108	5
108	108	5
54	108	4
54	108	4
18	180	5
18	180	5
	108	3
18	108	3
18	108	3
18	108	3
54	108	4
18	108	3
	108	3
18	108	3
18	108	3
18	108	3
18	108	3
54	108	4
	108	3
18	108	3
18	108	3
18	108	3
54	108	4
54	36	2
72	72	3
18	108	3
18	108	3
18	108	3
18	54	1.5
18	108	3
18	108	3
324	72	8
18	108	3
18	108	3
18	108	3
18	108	3
18	108	3
18	108	3
18	72	2
18	54	1.5
		1
		0

		0
		0
8	16	0
9	18	0
9	18	0
9	18	0
		0
		0
		0
	18	0
	18	0
	18	0
	18	0
	18	0
6	6	0
18	108	0
	72	0
9	18	0
18	108	3
	108	3
18	108	3
18	108	3
18	108	3
18	108	3
18	108	3
18	108	3
18	108	3
18	108	3
	108	3
18	108	3
18	108	3
	144	4
	144	4
	144	4
	144	4
18	108	3
18	108	3
18	108	3
	108	3
	108	3
27	96	3
32	96	3
32	96	3
32	96	3
32	96	3
54	108	4

54	108	4
54	108	4
32	96	3
32	96	3
32	96	3
32	96	3
32	96	3
32	96	3
32	96	3
18	108	3
18	108	3
18	108	3
54	108	4
54	108	4
18	108	3
18	108	3
18	108	3
18	108	3
18	108	3
18	108	3
18	54	1.5
18	54	1.5
18	108	3
18	108	3
18	108	3
18	108	3
8	16	0
8	16	0
8	16	0
8	16	0
8	16	0
8	16	0
18	108	3
	108	3
8	16	0
8	16	0
8	16	0
18	54	1.5
18	54	1.5
18	54	1.5
	108	3
54	180	6
54	180	6
	144	4
	108	3
		1
	108	3
	108	3
	36	1

	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	36	1
	18	0.5
27	0	0.5
54	0	1
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	54	1.5
	54	1.5
	108	3
	108	3
	108	3
		1
	108	0
	108	3
	108	3
	108	3
	108	3
186	288	11
93	144	5.5
93	144	5.5
204	252	10.5
102	126	5
102	126	5
57	216	7
222	216	10
111	108	5
111	108	5
276	108	8
138	54	4
138	54	4

[illegible]

18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
10	72	2
10	60	1.5
18	54	1.5
18	54	1.5
10	60	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
20	40	1
18	54	1.5
	18	0.5
20	40	1
36	14.4	1
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
8	21.6	0.5
2	14.4	0.25
2	12	0.25
18	54	1.5
18	54	1.5
18	54	1.5
10	72	2
18	72	2
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5

18	54	1.5
10	72	2
10	72	2
20	40	1
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
18	54	1.5
20	40	1
18	54	1.5
20	40	1
18	54	1.5
4	28.8	0.5
18	108	3
54	108	4
	108	3
18	108	3
	108	3
18	108	3
18	108	3
18	108	3
18	108	3
18	108	3
18	108	3
18	108	3
18	108	3
18	108	3
18	108	3
18	108	3
18	108	3
18	108	3
27	54	2
27	54	2
27	54	2
27	54	2
284	132	8.5
284	128	8.5

[illegible]

54	18	1
54	18	1
54	18	1
108	0	2
54	18	1
54	18	1
54	0	1
27	0	0.5
81	108	4.5
10	72	2
54	54	2.5
70	18	1.5
	108	3
64	36	2
54	36	2
36	18	1
32	18	1
36	54	2
4	12	0
24	24	0
10	8	0
16	8	0
	4	0
81	80	3.5
54	36	2
216	72	6
2	4	0
60	48	0
	72	2
	36	1
13.5	99	3
	72	2
	54	1.5
	72	2
54	54	2.5
	36	1
	36	1
	72	2
	36	1
	36	1
	72	2
	90	2.5
	72	2
	36	1
45	80	3
	36	1
	36	1

27	18	1	
	72	2	
	36	1	
216	0	4	
	36	1	
	72	2	
	36	1	
	36	1	
27	18	1	
	36	1	
		1	4
135	0	2.5	
54	0	1	
	36	1	
54	0	1	
162	0	3	
72	0	1	
192	0	3.5	
72	0	1	
81	54	3	
90	54	3	
	108	3	
81	54	3	
81	54	3	
81	54	3	
27	54	2	
54	72	3	
	108	3	
81	54	3	
81	54	3	
		1	4
81	54	0	
81	54	0	
81	54	0	
81	54	0	
81	54	0	
81	54	3	
81	54	0	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
108	72	4	
	108	3	

	108	3	
54	72	3	
	108	3	
	108	3	
108	72	4	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
	72	2	
	36	1	
	108	3	
	108	3	
	108	3	
		1	4
		0	
		0	
		0	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
54	108	4	
	108	3	
	108	3	
		1	4
27	126	4	
54	108	4	
	108	3	
54	108	4	
27	54	2	
54	108	4	
54	108	4	
54	108	4	
54	108	4	
54	72	3	
54	72	3	
54	72	3	
54	72	3	

[illegible]

54	90	3.5	4
54	90	3.5	
54	90	3.5	
54	90	3.5	
54	90	3.5	
54	90	3.5	
54	90	3.5	
54	90	3.5	
		1	
27	126	0	
27	126	0	
54	108	0	
27	126	0	
54	108	0	
54	72	0	
	108	0	
54	72	0	
	36	0	
54	72	0	
54	108	0	
8	32	1	
27	72	2.5	
54	144	5	
54	0	1	
60	144	5	
90	0	1.5	
16	48	1.5	
54	108	4	
	108	3	
54	108	4	
54	108	4	
27	72	2.5	
81	0	1.5	
54	108	4	
54	72	3	
27	72	2.5	
81	0	1.5	
480	0	8.5	
60	40	2	
		1	4
	108	3	
81	54	3	
	108	3	
81	54	3	
	108	3	
54	108	4	
54	108	4	

54		108	4	
54		72	3	
81		54	3	
54		72	3	
54		108	4	
27		54	2	
54		72	3	
		108	3	
		108	3	
			1	4
27		54	0	
		108	0	
		108	3	
81		54	3	
		108	3	
27		54	2	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
27		0	0.5	
		72	2	
		9	0	
27		0	0	
54		72	3	
54		72	3	
54		72	3	

18	144	4
18	144	4
	108	3
	108	3
	108	3
18	144	4
18	144	4
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	0	0
	0	0
	0	0
	0	0
	0	0
	108	0
	108	0
	108	0
	108	0
	108	0
	108	0
	108	0
	108	0
	108	3
	180	5
	180	5
18	180	5
18	180	5
18	180	5
	36	1
18	144	4
18	144	4
18	144	4
18	108	3
18	108	3
18	108	3
18	108	3
	12	0
	48	0
	48	0
	0	0

[illegible]

		108	3	
13	242	0	0.25	4
2		4	0.25	
		108	3	
			1	4
		14	0.25	
16		32	1	
16		48	1.5	
1.25		26	0.5	
20		40	1	
12		24	0.5	
0		48	1	
		30	0.5	
8		48	1	
		56	1.5	
		40	1	
		48	1	
		48	1	
		80	2	
		40	1	
		80	2	
20		40	1	
12		56	1.5	
		32	0.5	
		32	0.5	
1		14	0.25	
22.5		35	1	
16		48	1.5	
20		40	1	
29		22	1	
19.5		9	0.5	
20.5		13	0.5	
23.5		33	1	
16		48	1.5	
17		46	1.5	
4.75		38.5	1	
3.5		41	1	
2.5		43	1	
0.5		31	0.5	
4.5		23	0.5	
5.5		37	1	
0.5		47	1	
2.5		59	1.5	
26.5		11	0.5	
27.25		25.5	1	
31.5		17	1	
2		12	0.25	

30	20	1
17.75	12.5	0.5
32.5	15	1
24	0	0.25
19	20	0.5
	24	0.5
11	10	0.25
30	36	1.5
246	292	12.5
184	160	7.5
8	32	1
24	48	1.5
61	74	3
10	28	0.5
8	8	0.25
5	14	0.25
	32	0.5
	56	1.5
18	180	5
18	180	5
18	180	5
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
54	72	3
108	0	2
162	0	3
	108	3
54	72	3
27	54	2
	108	3
54	72	3
	108	3
54	72	3
54	72	3
	108	3
		1
108	36	3
108	36	3

[illegible]

			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			90	3	
45 255			36	5.5	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
54	756		0	1	14
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			36	1	
			72	2	
			108	3	
			108	3	
54			108	3	
18			108	4	
18			108	3	
18			108	3	
18			108	3	
18			108	3	
18			108	3	

		36	1	
		36	1	
27		18	1	4
1	216		0	
18		180	5	
18		180	5	
18		180	5	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
81		54	3	
81		54	3	
81		54	3	
81		54	3	
54		72	3	
54		72	3	
54		72	3	
54		72	3	
18		180	5	
18		180	5	
18		180	5	
18		180	5	
		108	3	
		108	3	
27		90	3	
		108	3	
		108	3	
		108	3	
27		90	3	
54		36	2	
54		36	2	
54		36	2	
54		36	2	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
		108	3	
54		72	3	
54		72	3	
		108	3	

54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
175	0	3
175	0	3
175	0	3
175	0	3
175	0	3
175	0	3
175	0	3
175	0	3
175	0	3
175	0	3
175	0	3
175	0	3
175	0	3
175	0	3
175	0	3
175	0	3
175	0	3
175	0	3
175	0	3
175	0	3
108	0	2
175	0	3
54	0	1
54	0	1
54	0	1

54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
175	0	3
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
	36	1
54	72	3
54	72	3
54	108	4
54	72	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
		1
54	108	4
54	108	4
54	72	3
54	36	2
54	36	2
54	36	2
54	72	3
81	126	5
54	108	4
	36	1
54	108	4
54	72	3
54	108	4

54	72	3
54	72	3
54	72	3
27	54	2
54	72	3
54	108	4
27	54	2
54	108	4
54	108	4
54	108	4
54	72	3
27	54	2
		1
81	126	0
54	108	0
54	108	0
54	72	0
54	108	0
54	72	0
	144	4
	108	3
	144	4
	180	5
	180	5
	144	4
54	180	6
	108	3
	144	4
	108	3
	144	4
54	108	4
	216	6
	72	2
	36	1
	72	2
	72	2
	72	2
	72	2
0	72	2
	36	0
	36	0
	36	0
	36	0
	72	2
18	144	4
18	144	4
18	144	4
18	144	4

18	108	3	
18	144	4	
	108	3	
9	72	2	
	72	2	
45	108	3.5	
	72	2	
	72	2	
	108	3	
	108	3	
	108	3	
162	18	3.5	
18	72	2	
54	108	4	
54	144	5	
27	90	3	
	108	3	
	108	3	
54	36	2	
54	108	4	
54	108	4	
54	72	3	
54	72	3	
54	72	3	
		1	4
108	0	2	
108	0	2	
108	0	2	
108	0	2	
108	0	2	
108	0	2	
108	0	2	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
	108	3	
		1	4
32		1	
54		3	
54		3	
54		3	
54		3	
54		3	
54		3	
108		2	

108		2
54		3
54		3
	108	3
54	108	4
54	108	4
54	108	4
54	108	4
54	72	3
54	72	3
27	54	2
162	0	3
	108	3
	108	3
	108	3
	108	3
	108	3
108	0	2
54	0	1
54	0	1
54	0	1
108	0	2
54	0	1
81	0	1.5
54	0	1
108	0	2
162	0	3
54	0	1
108	0	2
108	0	2
108	0	2
162	0	3
162	0	3
54	0	1
27	0	0.5
54	0	1
27	0	0.5
54	0	1
27	0	0.5
54	0	1
54	0	1
54	0	1
54	0	1
162	0	3
	72	2
162	0	3
54	0	1

108	0	2
54	0	1
54		1
54	0	1
108	0	2
54	0	1
54	0	1
81	0	1.5
108	0	2
108	0	2
162	0	3
54	0	1
108	0	2
108	0	2
54	0	1
108	0	2
27	0	0.5
27	0	0.5
54	0	1
	108	3
27	0	0.5
	108	3
27		0.5
54		1
27	0	0.5
	108	3
	108	3
54	0	0
54	0	0
54	0	0
54	0	0
54	0	0
54	0	0
	108	3
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
54	0	1
	108	3
54	72	3
54	72	3
27	54	2
162	0	3
54	0	1

108	0	2
54	0	1
81	0	1.5
108	0	2
54	0	1
54	36	2
54	36	2
54	36	2
54	0	1
81	0	1.5
108	0	2
54		1
54	0	1
	108	3
100	120	5
20	40	1
54	48	2
27	0	0.5
54	0	1
27	0	0.5
54	0	1
108	0	2
216	162	8.5
216	162	8.5
	108	3
0	72	2
0	72	2
216	162	8.5
216	162	8.5
	54	1.5
72	0	1
	54	1.5
27	0	0.5
		1
27	0	0.5
54	0	1
108	0	2
27	0	0.5
54	0	1
108	0	2
54	0	1
54	0	1
27	0	0.5
54	0	1
108	0	2
27	0	0.5
54	0	1

[illegible]

		0
	24	0
	24	0
	24	0
	24	0
	24	0
	24	0
	24	0
	24	0
	24	0
	24	0
	24	0
	24	0
	24	0
	24	0
	24	0
	24	0
	36	0
	18	0
	18	0
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
	108	3
54	72	3
54	72	3
54	72	3
54	72	3
54	72	3
54	72	3
54	72	3
54	72	3
54	72	3
54	72	3
54	72	3
54	72	3
54	72	3
54	72	3
	108	3
		1

[illegible]

			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
				1	4
	18		180	5	
	18		180	5	
	18		180	5	
			108	3	
	54		72	3	
	54		108	4	
54	54	54	108	4	
				1	4
	54		108	0	
54				0	
	12	54		0	
	12	54		0	
54				0	
				0	
	12	54		0	
	54		72	3	
				1	4
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			108	3	
			36	1	
			108	3	
			108	3	
			144	4	
			108	3	
	0		72	2	
			108	3	
			108	3	
	18		180	5	
	18		180	5	
	18		180	5	
	18		180	5	
			108	3	
			108	3	
			108	3	

[illegible]

	81		54	3	
	81		54	3	
				1	4
	60	75		1	3
18				1	4

Actual Units

1
3
3
3
3
3
3
3
4
0
0
0
0
1
3
3
1
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3.22222222
3
3
3
3
3
3
3
0.88888889
3
3
3
3
3
3
3
3.22222222
3.22222222
3
1.11111111

1.111111111
0
0
1
3
1
3
3
0.444444444
0.296296296
1.185185185
0.37037037
0.222222222
0.148148148
0.444444444
1.333333333
2.222222222
1.037037037
0.37037037
2.222222222
0.740740741
2.222222222
40.64814815
3
3.925925926
15.34259259
3.888888889
8.37037037
1.333333333
2.074074074
0.444444444
0.444444444
0.296296296
0.888888889
0.444444444
0.444444444
1.740740741
7.574074074
10.64814815
17.87037037
4.444444444
2.074074074
2.074074074
4.296296296
4.296296296
1.185185185
0.740740741

3.33333333

3

3.33333333

3.33333333

3.33333333

3.33333333

3.33333333

0

0

0

0

2

2

1

3.33333333

3.33333333

3.33333333

3.33333333

3.33333333

3.33333333

3.33333333

3.33333333

3.33333333

3.33333333

3.33333333

3.33333333

3.33333333

3.33333333

3.33333333

3.33333333

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
0
3
3
3
3
3
2
2
3
3
3
1
3
0.5

5.333333333
5.333333333

5.333333333

3

3

3

3.166666667

3.166666667

3

3

3.166666667

3.166666667

0

0

0

0

3

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3.33333333
3.33333333
3.33333333
3.33333333
3.33333333
3.33333333
3.33333333
3.33333333
3.33333333
3.33333333
3.33333333
3.33333333
3.33333333
3.33333333
3.33333333

3

4.33333333
4.33333333
4.33333333
4.33333333
4.33333333

3

4.5

4.5

4.5

2

3

3

3

3

3

4

4

4

4

4

4

4

4

4

0

2

2

4

4

4
4
4
0
1
1
1
1
1
1
1
1
1
2
4
4
4
4
4
4
4
4
4
4
4
8.5
8.5
2
1.5
1.5
1.5
1.5
2
1.5
1.5
1.5
1.5
2
2
2
2
2
2
2
1.5
1.5
1.5
1.5
2

1.5
1.5
1.5
1.5
2
2
2
2
2
2
2
4
4
4
4
4
4
4
4
4
3
3
2
3
3
3
3
3
3
3
3
4
3
4
5
5
1
4
1
2
3
3
3
4
4
5
3
2
2
3
3

3
3
3
3
2
2
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
1.5
1.5
3
3
3
3
0
0
0
0
0
0
0
1.5
3
3
3
3
3
3
3
3
3
4
3
3.33333333
3
3
3.33333333
3.33333333
3.33333333
3.33333333

1.33333333

3

3

3.33333333

1.83333333

3.33333333

3.33333333

3.33333333

3.33333333

3.33333333

1.83333333

3.33333333

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

1

1

3.33333333

3.33333333

3.33333333

3.33333333

0

0

1.83333333

1.83333333

1.83333333

0

0

0

4

3

3

5	5	5	5	5	5	4	4	5.3333333333	5.3333333333	3	3.3333333333	3.3333333333	3.3333333333	4	3.3333333333	3	3.3333333333	3.3333333333	3.3333333333	3.3333333333	3	4	3	3.3333333333	3.3333333333	3.3333333333	4	2	3.3333333333	3.3333333333	3.3333333333	3.3333333333	1.8333333333	3.3333333333	3.3333333333	8	3.3333333333	3.3333333333	3.3333333333	3.3333333333	3.3333333333	3.3333333333	2	1.8333333333	0	0
---	---	---	---	---	---	---	---	--------------	--------------	---	--------------	--------------	--------------	---	--------------	---	--------------	--------------	--------------	--------------	---	---	---	--------------	--------------	--------------	---	---	--------------	--------------	--------------	--------------	--------------	--------------	--------------	---	--------------	--------------	--------------	--------------	--------------	--------------	---	--------------	---	---

0
0
0
0
0
0
0
0
0
0
0.5
0.5
0.5
0.5
0.5
0.5
0
0
2
0
3.333333333
3
3.333333333
3.333333333
3.333333333
3.333333333
3.333333333
3.333333333
3.333333333
3.333333333
3
3.333333333
3.333333333
4
4
4
4
3.333333333
3.333333333
3.333333333
3
3
3.166666667
3.259259259
3.259259259
3.259259259
3.259259259
4

4
4
3.259259259
3.259259259
3.259259259
3.259259259
3.259259259
3.259259259
3.333333333
3.333333333
3.333333333
4
4
3.333333333
3.333333333
3.333333333
3.333333333
3.333333333
3.333333333
1.833333333
1.833333333
3.333333333
3.333333333
3.333333333
3.333333333
0
0
0
0
0
0
0
3.333333333
3
0
0
0
1.833333333
1.833333333
1.833333333
3
6
6
4
3
0.018518519
3
3
1

3
3
3
3
3
3
3
1
0.5
0.5
1
3
3
3
3
3
3
3
3
3
3
3
3
3
1.5
1.5
3
3
3
0
3
3
3
3
3
11.44444444
5.722222222
5.722222222
10.77777778
5.388888889
5.388888889
7.055555556
10.11111111
5.055555556
5.055555556
8.111111111
4.055555556
4.055555556

[illegible]

1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
2.185185185
1.851851852
1.833333333
1.833333333
1.851851852
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.481481481
1.833333333
0.5
1.481481481
1.066666667
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
0.748148148
0.437037037
0.37037037
1.833333333
1.833333333
1.833333333
2.185185185
2.333333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333

1.833333333
2.185185185
2.185185185
1.481481481
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.833333333
1.481481481
1.833333333
1.481481481
1.833333333
0.874074074
3.333333333
4
3
3.333333333
3
3.333333333
3.333333333
3.333333333
3.333333333
3.333333333
3.333333333
3.333333333
3.333333333
3.333333333
3.333333333
3.333333333
3.333333333
3.333333333
3.333333333
2
2
2
2
8.925925926
8.851851852

8.851851852

2

2

0

0

0

0

0

2

0

0

0

0

0

0

3

2

2

2

2

3

2

4

3

3

1.333333333

1

1

1

1

1

1

2

1

1

1

1

1

1

1.111111111

1.111111111

1

1

1

1

1

1

1.333333333

1.333333333
1.333333333
1.333333333
2
1.333333333
1.333333333
1
0.5
4.5
2.185185185
2.5
1.796296296
3
2.185185185
2
1.166666667
1.092592593
2.166666667
0
0
0
0
0
3.722222222
2
6
0
0
2
1
3
2
1.5
2
2.5
1
1
2
1
1
2
2.5
2
1
3.055555556
1
1

[illegible]

3
3
3
3
4
3
3
3
3
3
3
2
1
3
3
3
0
0
0
0
3
3
3
3
3
3
3
3
3
3
4
3
3
0
4
4
4
4
4
4
3
3
3
3

3.5
3.5
3.5
3.5
3.5
3.5
3.5
3.5
3.5
3.5
3.5
3.5
3.5
3.5
3.5
0
4
4
4
4
4
3
3
3
1
3
3
3
3
3
4
4
4
4
3
3
3
3
0
3.5
3.5
3.5
3.5
3.5
3.5
3.5
3.5

3.5
3.5
3.5
3.5
3.5
3.5
3.5
3.5
0
4
4
4
4
4
3
3
3
1
3
4
1.037037037
2.5
5
1
5.111111111
1.666666667
1.62962963
4
3
4
4
2.5
1.5
4
3
2.5
1.5
8.888888889
2.222222222
0
3
3
3
3
3
4
4

[illegible]

4.333333333

4.333333333

3

3

3

4.333333333

4.333333333

3

3

3

3

3

3

3

3

3

0

0

0

0

0

3

3

3

3

3

3

3

3

3

5

5

5.333333333

5.333333333

5.333333333

1

4.333333333

4.333333333

4.333333333

3.333333333

3.333333333

3.333333333

3.333333333

0

0

0

0

0
5
5
0
0
0
2
2
2
2
3
4
3
3
3
3
3
3
4
0
3
3
3
3
3
3
3
3
3
3
3
3
3

3
0.240740741
0.148148148
3
0
0.388888889
1.185185185
1.62962963
0.74537037
1.481481481
0.888888889
1.333333333
0.833333333
1.481481481
1.555555556
1.111111111
1.333333333
1.333333333
2.222222222
1.111111111
2.222222222
1.481481481
1.777777778
0.888888889
0.888888889
0.407407407
1.388888889
1.62962963
1.481481481
1.148148148
0.611111111
0.740740741
1.351851852
1.62962963
1.592592593
1.157407407
1.203703704
1.240740741
0.87037037
0.722222222
1.12962963
1.314814815
1.685185185
0.796296296
1.212962963
1.055555556
0.37037037

1.111111111
0.675925926
1.018518519
0.444444444
0.907407407
0.666666667
0.481481481
1.555555556
12.66666667
7.851851852
1.037037037
1.777777778
3.185185185
0.962962963
0.37037037
0.481481481
0.888888889
1.555555556
5.333333333
5.333333333
5.333333333

3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
2
3
3
3
2
3
3
3
3
3
3
3
0
3
3

3.5
3.5
1
1
3
3
3
3
3
3
3
0
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
1
1
1
1
1
1
3
3
3
4
3
1
2
4
1
1
1
1
1
1
3

4.740740741
4.740740741

[illegible]

3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3

3.333333333

5.722222222

3
3
3
3
3
3
3
1
3
3
3
3
3
3
3
3
3
3
3
3
1
2
3
3
3
4

3.333333333

3.333333333

3.333333333

3.333333333

3.333333333

3

[illegible]

[illegible]

2
41
1
1
1

1
1
1
1
1
1
1
1
1
3.240740741
1
1
1
1
1
1
1
1
1
3
3
4
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
3
0
4
4
3
2
2
2
3
5
4
1
4
3
4

3
3
3
2
3
4
2
4
4
4
3
2
0
5
4
4
3
4
3
4
3
4
5
5
4
6
3
4
3
4
4
6
2
1
2
2
2
2
2
1
1
1
1
2

4.333333333
4.333333333
4.333333333
4.333333333

3.333333333

4.333333333

3

2.166666667

2

3.833333333

2

2

3

3

3

3.5

2.333333333

4

5

3

3

3

2

4

4

3

3

3

0

2

2

2

2

2

2

2

3

3

3

3

3

3

0

0.907407407

1.666666667

1.666666667

1.666666667

1.666666667

1.666666667

1.666666667

2

2
1.666666667
1.666666667
3
4
4
4
4
3
3
2
3
3
3
3
3
3
3
2
1
1
1
2
1
1.5
1
2
3
1
2
2
2
3
3
1
0.5
1
0.5
1
0.5
1
1
1
1
1
3
2
3
1

2
1
1
1
2
1
1
1.5
2
2
3
1
2
2
1
2
0.5
0.5
1
3
0.5
3
0.5
1
0.5
3
3
1
1
1
1
1
1
1
3
1
1
1
1
1
1
1
3
3
3
2
3
1

2
1
1.5
2
1
2
2
2
2
1
1.5
2
1
1
3
5.185185185
1.481481481
2.333333333
0.5
1
0.5
1
2
8.5
8.5
3
2
2
8.5
8.5
1.5
1.333333333
1.5
0.5
0
0.5
1
2
0.5
1
2
1
1
0.5
1
2
0.5
1

2
13
5.666666667
13
6
9.5
5
1
6
12
3.203703704
1
7.5
0.5
1
2
0.5
1
2
0.5
3
2
0.5
3
5
2
3
1
3
3
3
3
3
3
1.5
3
3
1.5
3
3
3
3
3
3
3
3
3
3
0

[illegible]

5.333333333
5.333333333

3
3
3
3
3
0
5.333333333
5.333333333
5.333333333
3
3
4
4
0
4
0
0
0
0
0
0
3
0
3
3
3
3
3
3
3
3
3
3
3
1
3
3
4
3
2
3
3
5.333333333
5.333333333
5.333333333
5.333333333
3
3
3

2
33
6
4
4
1
3
2
3
3
3
3
3
2
3
3
3
3
3
1
3
3
3
3
3
3
3
0
3
2
2
2
2
0
3
3
3
3
3
3

3
3
0

1.444444444

0.333333333

Course	MOV	NOR	RIV
ACC-19			RIV
ACC-19L			RIV
ACC-1A	MOV	NOR	RIV
ACC-1B	MOV	NOR	RIV
ACC-200	MOV	NOR	RIV
ACC-40			RIV
ACC-55	MOV	NOR	RIV
ACC-61			RIV
ACC-62	MOV	NOR	RIV
ACC-63	MOV		RIV
ACC-65	MOV	NOR	RIV
ACC-66		NOR	RIV
ACC-67	MOV	NOR	RIV
ACC-801	MOV	NOR	RIV
ACC-802	MOV	NOR	RIV
ACC-803	MOV	NOR	RIV
ACC-819	MOV		RIV
ACC-819L			RIV
ADJ-1	MOV	NOR	RIV
ADJ-10	MOV		RIV
ADJ-12	MOV	NOR	RIV
ADJ-12L			RIV
ADJ-13	MOV	NOR	RIV
ADJ-14		NOR	
ADJ-150	MOV	NOR	
ADJ-19	MOV	NOR	RIV
ADJ-1H	MOV	NOR	RIV
ADJ-2	MOV	NOR	RIV
ADJ-20	MOV	NOR	RIV
ADJ-200	MOV	NOR	RIV
ADJ-201	MOV		
ADJ-21	MOV	NOR	RIV
ADJ-22	MOV	NOR	RIV
ADJ-24	MOV	NOR	RIV
ADJ-25		NOR	RIV
ADJ-26	MOV		
ADJ-27		NOR	RIV
ADJ-28			RIV
ADJ-28L			RIV
ADJ-3	MOV	NOR	RIV
ADJ-31		NOR	RIV
ADJ-32			RIV
ADJ-3H	MOV	NOR	RIV
ADJ-4	MOV	NOR	RIV
ADJ-40	MOV		
ADJ-41	MOV		
ADJ-42	MOV		
ADJ-43	MOV		
ADJ-5	MOV	NOR	RIV

ADJ-8	MOV	NOR	RIV
ADJ-801	MOV	NOR	
ADJ-826	MOV		
ADJ-9	MOV	NOR	RIV
ADJ-9H	MOV	NOR	RIV
ADJ-A10A	MOV		
ADJ-A11A	MOV		
ADJ-A13A	MOV		
ADJ-A14A	MOV		
ADJ-A14B	MOV		
ADJ-A23A	MOV		
ADJ-A29A	MOV		
ADJ-A31A	MOV		
ADJ-A3A	MOV		
ADJ-A42A	MOV		
ADJ-A44A	MOV		
ADJ-A48A	MOV		
ADJ-A5A	MOV		
ADJ-B1A	MOV		
ADJ-B1B	MOV		
ADJ-B2A	MOV		
ADJ-B3A	MOV		
ADJ-C1D	MOV		
ADJ-C2A	MOV		
ADJ-D1A	MOV		
ADJ-D1B	MOV		
ADJ-D1C	MOV		
ADJ-D3A	MOV		
ADJ-D4A	MOV		
ADJ-D4B	MOV		
ADJ-D5A	MOV		
ADJ-D6A	MOV		
ADJ-D7A	MOV		
ADJ-P4A	MOV		
ADJ-R1A2	MOV		
ADJ-R1B	MOV		
ADJ-R1C	MOV		
ADJ-S1A	MOV		
ADJ-T1A	MOV		
ADJ-T1B	MOV		
ADJ-T1C	MOV		
ADJ-T1D	MOV		
ADJ-T2A	MOV		
ADJ-W10A	MOV		
ADM-1	MOV		RIV
ADM-2A	MOV		RIV
ADM-2B			RIV
ADM-2C	MOV		RIV
ADM-55	MOV		RIV
ADM-62	MOV		RIV

ADM-63A	MOV		RIV
ADM-63B	MOV		RIV
ADM-66			RIV
ADM-67	MOV		RIV
ADM-68A			RIV
ADM-68B			RIV
ADM-69A			RIV
ADM-69B			RIV
ADM-70	MOV		RIV
ADM-71A	MOV		RIV
ADM-71B	MOV		RIV
ADM-74A			RIV
ADM-74B			RIV
ADM-77A	MOV		RIV
ADM-77B	MOV		RIV
ADM-801			RIV
ADM-802			RIV
ADM-803			RIV
ADM-804			RIV
ADM-83			RIV
ADM-84A			RIV
ADM-84B			RIV
ADM-85A			RIV
ADM-85B			RIV
AHS-1	MOV	NOR	RIV
AHS-10	MOV	NOR	RIV
AHS-11	MOV	NOR	RIV
AHS-12	MOV	NOR	RIV
AHS-13	MOV	NOR	RIV
AHS-14	MOV	NOR	RIV
AHS-15	MOV		RIV
AHS-16	MOV	NOR	RIV
AHS-17	MOV	NOR	RIV
AHS-18	MOV	NOR	RIV
AHS-1H	MOV		RIV
AHS-2	MOV	NOR	RIV
AHS-20	MOV	NOR	RIV
AHS-2H	MOV	NOR	RIV
AHS-3	MOV		RIV
AHS-31	MOV	NOR	RIV
AHS-4	MOV	NOR	RIV
AHS-5	MOV	NOR	RIV
AHS-6	MOV	NOR	RIV
AHS-60		NOR	
AHS-6H	MOV	NOR	RIV
AHS-7	MOV	NOR	RIV
AHS-8	MOV	NOR	RIV
AHS-9	MOV	NOR	RIV
AIR-200			RIV
AIR-30			RIV

AIR-61A			RIV
AIR-61B			RIV
AIR-64A			RIV
AIR-64B			RIV
AIR-75			RIV
AIR-76			RIV
AIR-77			RIV
AIR-78			RIV
AIR-80			RIV
AIR-83			RIV
AIR-84			RIV
AIR-90			RIV
AIR-91			RIV
AIR-92			RIV
ALR-1		NOR	RIV
ALR-2		NOR	RIV
ALR-3	MOV	NOR	RIV
ALR-4	MOV	NOR	RIV
ALR-83		NOR	RIV
ALR-86		NOR	RIV
ALR-882	MOV		RIV
ALR-887		NOR	RIV
ANT-1	MOV	NOR	RIV
ANT-10	MOV	NOR	RIV
ANT-16	MOV	NOR	RIV
ANT-1H	MOV	NOR	RIV
ANT-1L	MOV	NOR	RIV
ANT-2	MOV	NOR	RIV
ANT-2H	MOV	NOR	RIV
ANT-3	MOV	NOR	RIV
ANT-4	MOV	NOR	RIV
ANT-5	MOV	NOR	RIV
ANT-6	MOV	NOR	RIV
ANT-7	MOV	NOR	RIV
ANT-8	MOV	NOR	RIV
APP-450	MOV	NOR	RIV
ARA-1		NOR	RIV
ARA-11			RIV
ARA-11H			RIV
ARA-2			RIV
ARA-3			RIV
ARA-8			RIV
ARE-200		NOR	
ARE-24		NOR	
ARE-25		NOR	
ARE-35		NOR	
ARE-36		NOR	
ARE-37		NOR	
ARE-63		NOR	
ARE-824		NOR	

ARE-825		NOR	
ARE-863		NOR	
ART-15			RIV
ART-16			RIV
ART-17	MOV	NOR	RIV
ART-18	MOV	NOR	RIV
ART-19		NOR	RIV
ART-20	MOV	NOR	RIV
ART-21	MOV		RIV
ART-22	MOV	NOR	RIV
ART-23	MOV	NOR	RIV
ART-24	MOV	NOR	RIV
ART-25A	MOV	NOR	RIV
ART-25B	MOV	NOR	RIV
ART-26	MOV	NOR	RIV
ART-27	MOV	NOR	RIV
ART-28A	MOV	NOR	RIV
ART-28B	MOV		RIV
ART-30A			RIV
ART-30B			RIV
ART-31	MOV	NOR	RIV
ART-34			RIV
ART-35A	MOV		RIV
ART-35B	MOV		RIV
ART-36A	MOV	NOR	RIV
ART-36B	MOV	NOR	RIV
ART-38			RIV
ART-39		NOR	
ART-40A	MOV	NOR	RIV
ART-40B	MOV	NOR	RIV
ART-41A		NOR	RIV
ART-41B			RIV
ART-42A	MOV		RIV
ART-42B	MOV		RIV
ART-43A			RIV
ART-43B			RIV
ART-44A			RIV
ART-44B			RIV
ART-44C			RIV
ART-45	MOV		RIV
ART-46	MOV		RIV
ART-47			RIV
ART-48A	MOV	NOR	RIV
ART-48B	MOV		RIV
ART-49A			RIV
ART-49B			RIV
ART-50A			RIV
ART-50B			RIV
ART-51A			RIV
ART-51B			RIV

ART-6	MOV	NOR	RIV
ART-6H	MOV	NOR	RIV
ASL-1	MOV	NOR	RIV
ASL-10			RIV
ASL-11			RIV
ASL-12			RIV
ASL-13			RIV
ASL-14			RIV
ASL-2	MOV		RIV
ASL-20			RIV
ASL-22	MOV		RIV
ASL-3	MOV		RIV
ASL-4			RIV
ASL-5			RIV
AST-1A	MOV		RIV
AST-1AH			RIV
AST-1B	MOV		RIV
AUB-200			RIV
AUB-50			RIV
AUB-51			RIV
AUB-52			RIV
AUB-53			RIV
AUB-54			RIV
AUB-55			RIV
AUB-56			RIV
AUB-57			RIV
AUB-59A			RIV
AUB-59B			RIV
AUB-60			RIV
AUB-61			RIV
AUT-13A			RIV
AUT-13B			RIV
AUT-1A			RIV
AUT-1B			RIV
AUT-2			RIV
AUT-200			RIV
AUT-3			RIV
AUT-4A			RIV
AUT-4B			RIV
AUT-5			RIV
AUT-50			RIV
AUT-6A			RIV
AUT-6B			RIV
AUT-7			RIV
AUT-801			RIV
AUT-802			RIV
AUT-803			RIV
AUT-804			RIV
AUT-805			RIV
AUT-806			RIV

AUT-807			RIV
AUT-808			RIV
AUT-811			RIV
AUT-8A			RIV
AUT-8B			RIV
AUT-8C			RIV
BAK-46			RIV
BAK-47			RIV
BAK-48			RIV
BAK-65			RIV
BAK-66			RIV
BAK-67			RIV
BAK-68			RIV
BAK-69			RIV
BAK-70			RIV
BAK-71			RIV
BAK-72			RIV
BAK-73			RIV
BAK-74			RIV
BAK-80			RIV
BAK-81			RIV
BAK-82			RIV
BAK-83			RIV
BAK-84			RIV
BAK-865			RIV
BAK-866			RIV
BAK-867			RIV
BAK-868			RIV
BAK-869			RIV
BAK-870			RIV
BAK-871			RIV
BAK-872			RIV
BAK-873			RIV
BAK-874			RIV
BAK-880			RIV
BAK-881			RIV
BAK-882			RIV
BAK-883			RIV
BAK-884			RIV
BIO-1	MOV	NOR	RIV
BIO-10		NOR	RIV
BIO-14		NOR	RIV
BIO-15		NOR	RIV
BIO-16	MOV	NOR	RIV
BIO-18	MOV	NOR	RIV
BIO-19	MOV	NOR	RIV
BIO-1H	MOV	NOR	RIV
BIO-20			RIV
BIO-21		NOR	
BIO-3		NOR	RIV

BIO-31A			RIV
BIO-31B			RIV
BIO-31C			RIV
BIO-31D			RIV
BIO-31E			RIV
BIO-35	MOV	NOR	RIV
BIO-4	MOV	NOR	RIV
BIO-40			RIV
BIO-45	MOV	NOR	RIV
BIO-5		NOR	RIV
BIO-50A	MOV	NOR	RIV
BIO-50B	MOV	NOR	RIV
BIO-55	MOV	NOR	RIV
BIO-6			RIV
BIO-60	MOV	NOR	RIV
BIO-60H	MOV		
BIO-61	MOV	NOR	RIV
BIO-7		NOR	RIV
BIO-8	MOV	NOR	RIV
BIO-85	MOV		RIV
BIO-9			RIV
BUS-10	MOV	NOR	RIV
BUS-10H	MOV	NOR	RIV
BUS-12		NOR	RIV
BUS-13		NOR	RIV
BUS-14		NOR	RIV
BUS-15			RIV
BUS-18A	MOV	NOR	RIV
BUS-18B	MOV	NOR	RIV
BUS-20	MOV	NOR	RIV
BUS-200	MOV	NOR	RIV
BUS-22	MOV	NOR	RIV
BUS-24	MOV	NOR	RIV
BUS-30	MOV	NOR	RIV
BUS-31		NOR	
BUS-33		NOR	
BUS-40			RIV
BUS-43			RIV
BUS-46			RIV
BUS-47	MOV	NOR	RIV
BUS-48			RIV
BUS-51	MOV		RIV
BUS-53	MOV		RIV
BUS-56			RIV
BUS-58			RIV
BUS-67			RIV
BUS-73			RIV
BUS-77A	MOV		
BUS-77B	MOV		
BUS-80	MOV	NOR	

BUS-813			RIV
BUS-814	MOV		RIV
BUS-815			RIV
BUS-816			RIV
BUS-817	MOV		RIV
BUS-819			RIV
BUS-82	MOV	NOR	
BUS-83	MOV	NOR	
BUS-840			RIV
BUS-843			RIV
BUS-846			RIV
BUS-848			RIV
BUS-85	MOV	NOR	
BUS-86	MOV	NOR	
BUS-87	MOV	NOR	
BUS-90	MOV	NOR	
CAT-1A	MOV	NOR	RIV
CAT-200	MOV	NOR	RIV
CAT-3	MOV	NOR	RIV
CAT-30	MOV		RIV
CAT-30A			RIV
CAT-31	MOV	NOR	RIV
CAT-36A			RIV
CAT-36B			RIV
CAT-37			RIV
CAT-38			RIV
CAT-50	MOV		RIV
CAT-51	MOV	NOR	RIV
CAT-53	MOV		RIV
CAT-55	MOV		RIV
CAT-61	MOV		RIV
CAT-62	MOV		RIV
CAT-65	MOV		
CAT-78A	MOV	NOR	
CAT-78B	MOV		
CAT-79	MOV	NOR	RIV
CAT-80	MOV	NOR	RIV
CAT-808	MOV		RIV
CAT-809			RIV
CAT-81	MOV		
CAT-810	MOV		RIV
CAT-811	MOV		RIV
CAT-812			RIV
CAT-814	MOV		RIV
CAT-817	MOV		RIV
CAT-831			RIV
CAT-832			RIV
CAT-833			RIV
CAT-841	MOV		RIV
CAT-842	MOV		RIV

CAT-843	MOV		RIV
CAT-844	MOV		RIV
CAT-845	MOV		RIV
CAT-846			RIV
CAT-898			RIV
CAT-898A			RIV
CAT-898B			RIV
CAT-90	MOV	NOR	RIV
CAT-91			RIV
CAT-92			RIV
CAT-93	MOV	NOR	RIV
CAT-95A			RIV
CAT-98A	MOV	NOR	RIV
CAT-98B	MOV	NOR	RIV
CDL-801	MOV		
CDL-802	MOV		
CDL-803	MOV		
CHE-10		NOR	RIV
CHE-12A	MOV	NOR	RIV
CHE-12B	MOV	NOR	RIV
CHE-17			RIV
CHE-1A	MOV	NOR	RIV
CHE-1AH	MOV		RIV
CHE-1B	MOV	NOR	RIV
CHE-1BH	MOV		RIV
CHE-2A	MOV	NOR	RIV
CHE-2B	MOV	NOR	RIV
CHE-3	MOV	NOR	RIV
CHI-1		NOR	RIV
CHI-11		NOR	RIV
CHI-2		NOR	RIV
CIS-100	MOV		RIV
CIS-11	MOV	NOR	RIV
CIS-12	MOV	NOR	RIV
CIS-14A	MOV		RIV
CIS-14B	MOV		RIV
CIS-17A	MOV	NOR	RIV
CIS-17B	MOV	NOR	RIV
CIS-17C	MOV	NOR	RIV
CIS-18A	MOV	NOR	RIV
CIS-18B	MOV	NOR	RIV
CIS-18C	MOV	NOR	RIV
CIS-1A	MOV	NOR	RIV
CIS-1B	MOV		
CIS-2	MOV	NOR	RIV
CIS-20	MOV		RIV
CIS-200	MOV	NOR	RIV
CIS-21	MOV	NOR	RIV
CIS-21A			RIV
CIS-21B			RIV

CIS-21C			RIV
CIS-22	MOV		
CIS-25	MOV		RIV
CIS-26A			RIV
CIS-26B			RIV
CIS-26C			RIV
CIS-26F			RIV
CIS-27	MOV		RIV
CIS-27A	MOV		RIV
CIS-27B	MOV		RIV
CIS-27C			RIV
CIS-27F			RIV
CIS-27G			RIV
CIS-3	MOV	NOR	RIV
CIS-30A	MOV	NOR	RIV
CIS-30B	MOV	NOR	
CIS-30C	MOV	NOR	
CIS-30D	MOV	NOR	
CIS-30E	MOV	NOR	
CIS-35	MOV		
CIS-36	MOV		
CIS-37	MOV		
CIS-38A	MOV		
CIS-38B	MOV		
CIS-38C	MOV		
CIS-39	MOV		
CIS-4	MOV		
CIS-40A	MOV		
CIS-40B	MOV		
CIS-40C	MOV		RIV
CIS-40D	MOV		RIV
CIS-41A	MOV		
CIS-41B	MOV		RIV
CIS-41D	MOV		RIV
CIS-44		NOR	
CIS-48A	MOV		RIV
CIS-48D	MOV		
CIS-49A			RIV
CIS-49B			RIV
CIS-5	MOV	NOR	RIV
CIS-54A	MOV		
CIS-56A	MOV		RIV
CIS-59		NOR	
CIS-61	MOV	NOR	RIV
CIS-62			RIV
CIS-63	MOV	NOR	RIV
CIS-65	MOV		
CIS-66		NOR	
CIS-68A	MOV		RIV
CIS-68B	MOV		RIV

CIS-7	MOV	NOR	RIV
CIS-70A	MOV		RIV
CIS-71			RIV
CIS-72A	MOV		RIV
CIS-72B	MOV		RIV
CIS-76A	MOV		
CIS-76B	MOV		RIV
CIS-77		NOR	
CIS-78A	MOV	NOR	RIV
CIS-78B	MOV	NOR	
CIS-79	MOV	NOR	RIV
CIS-8	MOV		
CIS-80	MOV	NOR	RIV
CIS-801			RIV
CIS-802			RIV
CIS-803			RIV
CIS-81	MOV	NOR	
CIS-810	MOV		
CIS-824A	MOV		
CIS-824B	MOV		
CIS-824C	MOV		
CIS-825			RIV
CIS-826			RIV
CIS-827			RIV
CIS-830			RIV
CIS-831			RIV
CIS-832			RIV
CIS-833A	MOV		
CIS-833B	MOV		
CIS-833C	MOV		
CIS-834	MOV		RIV
CIS-835	MOV		RIV
CIS-836	MOV		RIV
CIS-837	MOV		RIV
CIS-838	MOV		RIV
CIS-839	MOV		RIV
CIS-846			RIV
CIS-862			RIV
CIS-87A	MOV		RIV
CIS-87B	MOV		RIV
CIS-894			RIV
CIS-897A	MOV		
CIS-897B	MOV		
CIS-897C	MOV		
CIS-898			RIV
CIS-90	MOV	NOR	RIV
CIS-91			RIV
CIS-93	MOV	NOR	RIV
CIS-94			RIV
CIS-95A	MOV		RIV

CIS-98A	MOV	NOR	RIV
CIS-98B	MOV	NOR	RIV
CMI-200	MOV		
CMI-61	MOV		
CMI-71	MOV		
CMI-81	MOV		
CMI-82	MOV		
CMI-91	MOV		
COMM-11		NOR	RIV
COMM-12	MOV	NOR	RIV
COMM-13	MOV	NOR	RIV
COMM-2	MOV	NOR	RIV
COMM-20	MOV	NOR	RIV
COMM-3	MOV	NOR	RIV
COMM-5			RIV
COMM-51			RIV
COMM-6	MOV	NOR	RIV
COMM-7	MOV	NOR	RIV
COMM-85A			RIV
COMM-85B			RIV
COMM-89			RIV
COMM-9	MOV	NOR	RIV
COMM-9H	MOV	NOR	RIV
COMM-C1000	MOV	NOR	RIV
COMM-C1000f	MOV	NOR	RIV
CON-200		NOR	
CON-60		NOR	
CON-61		NOR	
CON-62		NOR	
CON-63A		NOR	
CON-63B		NOR	
CON-63C		NOR	
CON-63D		NOR	
CON-64		NOR	
CON-65		NOR	
CON-66		NOR	
CON-67		NOR	
CON-68		NOR	
CON-70		NOR	
CON-71		NOR	
CON-72		NOR	
CON-73		NOR	
CON-74		NOR	
CON-80		NOR	
CON-862		NOR	
COS-60A			RIV
COS-60A1			RIV
COS-60A2			RIV
COS-60B			RIV
COS-60B1			RIV

COS-60B2		RIV
COS-60B3		RIV
COS-60C		RIV
COS-60C1		RIV
COS-60C2		RIV
COS-60D		RIV
COS-60D1		RIV
COS-60D2		RIV
COS-60F		RIV
COS-61A		RIV
COS-61B		RIV
COS-62A1		RIV
COS-62A2		RIV
COS-62B1		RIV
COS-62B2		RIV
COS-64A		RIV
COS-64B		RIV
COS-67A		RIV
COS-68A		RIV
COS-69A		RIV
COS-90A		RIV
COS-95A		RIV
COS-96A		RIV
COS-97A		RIV
COS-98A		RIV
COS-99A		RIV
CRP-402B	NOR	
CRP-403A	NOR	
CRP-404	NOR	
CRP-404A	NOR	
CRP-404B	NOR	
CRP-404C	NOR	
CRP-405A	NOR	
CRP-405B	NOR	
CRP-405C	NOR	
CRP-421A	NOR	
CRP-421B	NOR	
CRP-421C	NOR	
CRP-421E	NOR	
CRP-422A	NOR	
CRP-422B	NOR	
CRP-422D	NOR	
CRP-422E	NOR	
CRP-423B	NOR	
CRP-423C	NOR	
CRP-424A	NOR	
CRP-424B	NOR	
CRP-424C	NOR	
CRP-424D	NOR	
CRP-424E	NOR	

CRP-425	NOR
CRP-425A	NOR
CRP-425C	NOR
CRP-425D	NOR
CRP-426A	NOR
CRP-426B	NOR
CRP-426C	NOR
CRP-426D	NOR
CRP-427C	NOR
CRP-427D	NOR
CRP-428A	NOR
CRP-428C	NOR
CRP-428E	NOR
CRP-429A	NOR
CRP-429BJ	NOR
CRP-429C	NOR
CRP-430A	NOR
CRP-433A	NOR
CRP-433B	NOR
CRP-433C	NOR
CRP-433D	NOR
CRP-434A	NOR
CRP-434B	NOR
CRP-434C	NOR
CRP-434D	NOR
CRP-435C	NOR
CRP-440CJ	NOR
CRP-440EJ	NOR
CRP-441A	NOR
CRP-441B	NOR
CRP-461A	NOR
CRP-461B	NOR
CRP-461C	NOR
CRP-462	NOR
CRP-463	NOR
CRP-464	NOR
CRP-465	NOR
CRP-466	NOR
CRP-467	NOR
CRP-468	NOR
CRP-471A	NOR
CRP-471B	NOR
CRP-471C	NOR
CRP-472A	NOR
CRP-472B	NOR
CRP-472C	NOR
CRP-473A	NOR
CRP-473B	NOR
CRP-473C	NOR
CRP-474A	NOR

CRP-474B	NOR	
CRP-474C	NOR	
CRP-475A	NOR	
CRP-475B	NOR	
CRP-475C	NOR	
CRP-476A	NOR	
CRP-476B	NOR	
CRP-477A	NOR	
CRP-477B	NOR	
CRP-477C	NOR	
CRP-478B	NOR	
CRP-478C	NOR	
CRP-478D	NOR	
CRP-479A	NOR	
CRP-479C	NOR	
CRP-479D	NOR	
CRP-482B	NOR	
CRP-482C	NOR	
CRP-483	NOR	
CRP-483C	NOR	
CRP-486A	NOR	
CRP-489	NOR	
CRP-490	NOR	
CRP-494J	NOR	
CRP-495	NOR	
CSC-11	NOR	RIV
CSC-12	NOR	RIV
CSC-14A	NOR	RIV
CSC-17A	NOR	RIV
CSC-17B		RIV
CSC-17C		RIV
CSC-18A	NOR	RIV
CSC-18B		RIV
CSC-18C		RIV
CSC-2	NOR	RIV
CSC-20		RIV
CSC-5	NOR	RIV
CSC-6		RIV
CSC-61		RIV
CSC-62		RIV
CSC-63		RIV
CSC-7	NOR	RIV
CSC-8		RIV
CUL-20		RIV
CUL-21		RIV
CUL-22		RIV
CUL-23		RIV
CUL-36		RIV
CUL-37		RIV
CUL-38		RIV

CUL-41			RIV
CUL-50			RIV
CUL-824			RIV
CUL-825			RIV
CUL-826			RIV
CUL-827			RIV
CUL-828A			RIV
CUL-828B			RIV
CUL-842			RIV
CUL-850			RIV
CUL-875			RIV
CUL-876			RIV
CUL-877			RIV
CUL-878			RIV
DAN-12			RIV
DAN-13			RIV
DAN-14			RIV
DAN-6	MOV	NOR	RIV
DAN-6H		NOR	RIV
DAN-7			RIV
DAN-8			RIV
DAN-9			RIV
DAN-D10			RIV
DAN-D13			RIV
DAN-D19	MOV		
DAN-D20		NOR	RIV
DAN-D21	MOV	NOR	RIV
DAN-D22			RIV
DAN-D23			RIV
DAN-D26			RIV
DAN-D29			RIV
DAN-D30A			RIV
DAN-D30B			RIV
DAN-D30C			RIV
DAN-D31	MOV	NOR	RIV
DAN-D31B			RIV
DAN-D32		NOR	RIV
DAN-D33			RIV
DAN-D34			RIV
DAN-D35			RIV
DAN-D37	MOV	NOR	RIV
DAN-D38			RIV
DAN-D39			RIV
DAN-D43			RIV
DAN-D44			RIV
DAN-D46		NOR	RIV
DAN-D47			RIV
DAN-D48			RIV
DAN-D49			RIV
DAN-D5			RIV

DAN-D50		RIV
DAN-D51		RIV
DAN-D60		RIV
DAN-D9		RIV
DEA-10	MOV	
DEA-20	MOV	
DEA-21	MOV	
DEA-22	MOV	
DEA-23	MOV	
DEA-24	MOV	
DEA-30	MOV	
DEA-31	MOV	
DEA-32	MOV	
DEA-40A	MOV	
DEA-40B	MOV	
DEA-40C	MOV	
DEA-41	MOV	
DEA-800	MOV	
DEA-801	MOV	
DEA-802	MOV	
DEA-803	MOV	
DEA-804	MOV	
DEA-840A	MOV	
DEA-840B	MOV	
DEH-10A	MOV	
DEH-10B	MOV	
DEH-11	MOV	
DEH-12A	MOV	
DEH-12B	MOV	
DEH-13	MOV	
DEH-14	MOV	
DEH-15	MOV	
DEH-16	MOV	
DEH-17	MOV	
DEH-19	MOV	
DEH-200	MOV	
DEH-20A	MOV	
DEH-20B	MOV	
DEH-21	MOV	
DEH-22	MOV	
DEH-23	MOV	
DEH-24	MOV	
DEH-25	MOV	
DEH-26	MOV	
DEH-27	MOV	
DEH-28	MOV	
DEH-30A	MOV	
DEH-30B	MOV	
DEH-31	MOV	
DEH-32	MOV	

DEH-33	MOV		
DEH-34	MOV		
DEH-35	MOV		
DEH-36	MOV		
DEH-37	MOV		
DEH-40	MOV		
DEH-41	MOV		
DEH-42	MOV		
DEH-43	MOV		
DEH-44	MOV		
DEH-45	MOV		
DEH-46	MOV		
DFT-200		NOR	
DFT-21		NOR	
DFT-24		NOR	
DFT-27		NOR	
DFT-30		NOR	
DFT-31		NOR	
DFT-42		NOR	
DFT-42B		NOR	
DFT-51		NOR	
DFT-52		NOR	
DFT-60		NOR	
DFT-62		NOR	
DFT-63		NOR	
DFT-830		NOR	
DFT-831		NOR	
DFT-842		NOR	
DFT-842B		NOR	
DFT-862		NOR	
DFT-863		NOR	
EAR-19	MOV	NOR	RIV
EAR-20	MOV	NOR	RIV
EAR-200	MOV	NOR	RIV
EAR-23	MOV		RIV
EAR-24	MOV	NOR	RIV
EAR-25	MOV	NOR	RIV
EAR-26	MOV	NOR	RIV
EAR-28	MOV	NOR	RIV
EAR-30	MOV	NOR	RIV
EAR-33	MOV	NOR	RIV
EAR-34	MOV	NOR	RIV
EAR-35	MOV		RIV
EAR-38	MOV	NOR	RIV
EAR-40	MOV	NOR	RIV
EAR-41	MOV	NOR	RIV
EAR-42	MOV	NOR	RIV
EAR-43	MOV	NOR	RIV
EAR-44	MOV	NOR	RIV
EAR-45	MOV	NOR	RIV

EAR-46	MOV	NOR	RIV
EAR-47	MOV	NOR	RIV
EAR-53			RIV
EAR-54			RIV
EAR-57	MOV		
EAR-58	MOV		
EAR-59	MOV		
EAR-810	MOV	NOR	RIV
EAR-811	MOV	NOR	RIV
EAR-812	MOV	NOR	RIV
ECO-10			RIV
ECO-4	MOV	NOR	RIV
ECO-5	MOV		RIV
ECO-6	MOV		RIV
ECO-7	MOV	NOR	RIV
ECO-7H	MOV	NOR	RIV
ECO-8	MOV	NOR	RIV
ECO-8H	MOV	NOR	RIV
ECO-9		NOR	RIV
ECO-9H			RIV
EDU-1	MOV	NOR	RIV
EDU-10			RIV
EDU-200	MOV		RIV
EDU-51	MOV		RIV
ELC-11		NOR	
ELC-13		NOR	
ELC-400		NOR	
ELC-401		NOR	
ELC-402		NOR	
ELC-403		NOR	
ELC-404		NOR	
ELC-405		NOR	
ELC-406		NOR	
ELC-407		NOR	
ELC-408		NOR	
ELC-409		NOR	
ELC-420		NOR	
ELC-421		NOR	
ELC-422		NOR	
ELC-423		NOR	
ELC-424		NOR	
ELC-425		NOR	
ELC-499		NOR	
ELC-66		NOR	
ELC-68		NOR	
ELC-69		NOR	
ELC-71		NOR	
ELC-72		NOR	
ELC-73		NOR	
ELC-74		NOR	

ELC-75	NOR
ELC-76	NOR
ELC-77	NOR
ELC-91	NOR
ELE-10	NOR
ELE-11	NOR
ELE-13	NOR
ELE-200	NOR
ELE-23	NOR
ELE-25	NOR
ELE-26	NOR
ELE-27	NOR
ELE-28	NOR
ELE-400	NOR
ELE-401	NOR
ELE-402	NOR
ELE-403	NOR
ELE-404	NOR
ELE-405	NOR
ELE-406	NOR
ELE-407	NOR
ELE-408	NOR
ELE-409	NOR
ELE-420	NOR
ELE-421	NOR
ELE-422	NOR
ELE-423	NOR
ELE-424	NOR
ELE-425	NOR
ELE-499	NOR
ELE-55	NOR
ELE-61	NOR
ELE-63	NOR
ELE-64	NOR
ELE-67	NOR
ELE-71	NOR
ELE-72	NOR
ELE-73	NOR
ELE-74	NOR
ELE-75	NOR
ELE-76	NOR
ELE-77	NOR
ELE-810	NOR
ELE-811	NOR
ELE-813	NOR
ELE-823	NOR
ELE-825	NOR
ELE-826	NOR
ELE-827	NOR
ELE-828	NOR

ELE-855		NOR	
ELE-864		NOR	
ELE-874		NOR	
ELE-91		NOR	
EMS-200	MOV		
EMS-40	MOV		
EMS-41	MOV		
EMS-50	MOV		
EMS-51	MOV		
EMS-56	MOV		
EMS-57	MOV		
EMS-59	MOV		
EMS-60	MOV		
EMS-61	MOV		
EMS-62	MOV		
EMS-63	MOV		
EMS-70	MOV		
EMS-71	MOV		
EMS-80	MOV		
EMS-81	MOV		
EMS-82	MOV		
EMS-83	MOV		
EMS-91	MOV		
EMS-95	MOV		
ENE-10		NOR	RIV
ENE-200		NOR	
ENE-21		NOR	
ENE-27		NOR	
ENE-30		NOR	
ENE-35		NOR	RIV
ENE-35B		NOR	
ENE-38		NOR	RIV
ENE-39		NOR	RIV
ENE-40		NOR	
ENE-41		NOR	
ENE-42		NOR	
ENE-42B		NOR	
ENE-48		NOR	
ENE-49		NOR	
ENE-51		NOR	RIV
ENE-52		NOR	
ENE-60		NOR	RIV
ENE-62		NOR	
ENE-851		NOR	
ENE-862		NOR	
ENGL-10	MOV	NOR	RIV
ENGL-11	MOV	NOR	RIV
ENGL-12			RIV
ENGL-14	MOV	NOR	RIV
ENGL-15	MOV	NOR	RIV

ENGL-16	MOV	NOR	RIV
ENGL-17A		NOR	RIV
ENGL-17B		NOR	RIV
ENGL-17C		NOR	RIV
ENGL-18	MOV	NOR	RIV
ENGL-1B	MOV	NOR	RIV
ENGL-1BH	MOV	NOR	RIV
ENGL-20	MOV	NOR	RIV
ENGL-23	MOV	NOR	RIV
ENGL-24	MOV	NOR	RIV
ENGL-25	MOV	NOR	RIV
ENGL-3	MOV	NOR	RIV
ENGL-30	MOV	NOR	RIV
ENGL-34			RIV
ENGL-35	MOV	NOR	
ENGL-38A			RIV
ENGL-38B			RIV
ENGL-38C			RIV
ENGL-4	MOV	NOR	RIV
ENGL-40	MOV	NOR	RIV
ENGL-41	MOV	NOR	RIV
ENGL-44		NOR	RIV
ENGL-45		NOR	RIV
ENGL-48	MOV	NOR	
ENGL-6	MOV	NOR	RIV
ENGL-66	MOV	NOR	RIV
ENGL-7	MOV	NOR	RIV
ENGL-8		NOR	RIV
ENGL-802			RIV
ENGL-85		NOR	
ENGL-885		NOR	RIV
ENGL-9	MOV	NOR	RIV
ENGL-91		NOR	RIV
ENGL-C1000	MOV	NOR	RIV
ENGL-C1000H	MOV	NOR	RIV
ENP-27G			RIV
ENP-30			RIV
ENP-50	MOV	NOR	RIV
ENP-51	MOV	NOR	RIV
ENP-52	MOV	NOR	RIV
ENP-53	MOV	NOR	RIV
ENP-54	MOV	NOR	RIV
ENP-55	MOV	NOR	RIV
ENP-70	MOV	NOR	RIV
ENP-71	MOV	NOR	RIV
ENP-801	MOV	NOR	RIV
ENP-802	MOV	NOR	RIV
ENP-803	MOV	NOR	RIV
ENP-804	MOV	NOR	RIV
ENP-805	MOV	NOR	RIV

ENP-850	MOV	NOR	RIV
ENP-851	MOV	NOR	RIV
ENP-852	MOV	NOR	RIV
ENP-853	MOV	NOR	RIV
ENP-854	MOV	NOR	RIV
ENP-855	MOV	NOR	RIV
ENP-870	MOV	NOR	RIV
ENP-871	MOV	NOR	RIV
ESL-46	MOV	NOR	RIV
ESL-47	MOV	NOR	RIV
ESL-48	MOV	NOR	RIV
ESL-49	MOV	NOR	RIV
ESL-50	MOV	NOR	RIV
ESL-65	MOV		RIV
ESL-71	MOV	NOR	RIV
ESL-72	MOV	NOR	RIV
ESL-73	MOV	NOR	RIV
ESL-801		NOR	RIV
ESL-804	MOV		
ESL-805	MOV		
ESL-810	MOV		RIV
ESL-811	MOV		RIV
ESL-846	MOV	NOR	RIV
ESL-847	MOV	NOR	RIV
ESL-848	MOV	NOR	RIV
ESL-849	MOV	NOR	RIV
ESL-850	MOV	NOR	RIV
ESL-90D	MOV	NOR	RIV
ESL-90L	MOV	NOR	RIV
ESL-90M	MOV	NOR	RIV
ESL-90P	MOV	NOR	RIV
ESL-91	MOV	NOR	RIV
ESL-92	MOV	NOR	RIV
ESL-93	MOV	NOR	RIV
ESL-95		NOR	RIV
EST-10			RIV
EST-15			RIV
EST-20			RIV
EST-200			RIV
EST-21			RIV
EST-22			RIV
EST-23			RIV
EST-24			RIV
EST-25			RIV
EST-26			RIV
EST-30			RIV
EST-32			RIV
EST-33			RIV
ETS-1	MOV	NOR	RIV
ETS-13	MOV	NOR	RIV

ETS-14	MOV	NOR	RIV
ETS-15	MOV		RIV
ETS-2	MOV	NOR	RIV
ETS-21	MOV	NOR	RIV
ETS-23	MOV	NOR	RIV
ETS-27	MOV	NOR	RIV
ETS-28			RIV
ETS-29			RIV
ETS-3	MOV	NOR	RIV
ETS-40			RIV
ETS-44			RIV
ETS-50	MOV		
ETS-51	MOV		
ETS-52	MOV		
ETS-53	MOV		
ETS-7	MOV	NOR	RIV
ETS-8	MOV	NOR	RIV
FIT-1	MOV		
FIT-15	MOV		
FIT-16	MOV		
FIT-17	MOV		
FIT-2	MOV		
FIT-200	MOV		
FIT-3	MOV		
FIT-4	MOV		
FIT-5	MOV		
FIT-7	MOV		
FIT-C19	MOV		
FIT-C19B	MOV		
FIT-C19C	MOV		
FIT-C20	MOV		
FIT-C2C	MOV		
FIT-C30	MOV		
FIT-C39	MOV		
FIT-C40	MOV		
FIT-C43	MOV		
FIT-CFO3A	MOV		
FIT-CFO3B	MOV		
FIT-CFO3C	MOV		
FIT-CFO3D	MOV		
FIT-CO2A	MOV		
FIT-CO2B	MOV		
FIT-CO2C	MOV		
FIT-CO2D	MOV		
FIT-CO2E	MOV		
FIT-COH1	MOV		
FIT-COH2	MOV		
FIT-COHA	MOV		
FIT-DO1A	MOV		
FIT-DO1B	MOV		

FIT-DO1C	MOV		
FIT-DO1D	MOV		
FIT-DO1E	MOV		
FIT-DO1F	MOV		
FIT-INS1	MOV		
FIT-INS2	MOV		
FIT-INS3	MOV		
FIT-ISP1A	MOV		
FIT-ISP1B	MOV		
FIT-ISP1C	MOV		
FIT-ISP1D	MOV		
FIT-ISP2A	MOV		
FIT-ISP2B	MOV		
FIT-ISP2C	MOV		
FIT-ISP2D	MOV		
FIT-R10	MOV		
FIT-R1A	MOV		
FIT-R1B	MOV		
FIT-R2A	MOV		
FIT-R2C	MOV		
FIT-R3	MOV		
FIT-R4	MOV		
FIT-R7	MOV		
FIT-S130	MOV		
FIT-S131	MOV		
FIT-S131B	MOV		
FIT-S21	MOV		
FIT-S3	MOV		
FIT-S31A	MOV		
FIT-S31B	MOV		
FIT-S3A	MOV		
FIT-S3B	MOV		
FIT-S3B1	MOV		
FIT-S3B2	MOV		
FIT-S3B3	MOV		
FIT-S3B4	MOV		
FIT-S404	MOV		
FRE-1		NOR	RIV
FRE-11			RIV
FRE-2		NOR	RIV
FRE-3			RIV
FRE-8		NOR	RIV
FST-1	MOV		RIV
FST-1H			RIV
FST-2			RIV
FST-3			RIV
FST-4			RIV
FST-5			RIV
FTV-12			RIV
FTV-200			RIV

FTV-38A			RIV
FTV-38B			RIV
FTV-41			RIV
FTV-42			RIV
FTV-44A			RIV
FTV-45A			RIV
FTV-48			RIV
FTV-51A			RIV
FTV-51B			RIV
FTV-52			RIV
FTV-53			RIV
FTV-64A			RIV
FTV-65			RIV
FTV-66			RIV
FTV-67			RIV
FTV-68			RIV
FTV-71A			RIV
FTV-72			RIV
FTV-74			RIV
FTV-76			RIV
FTV-77			RIV
FTV-79			RIV
GAM-1		NOR	
GAM-2		NOR	
GAM-200		NOR	
GAM-3A		NOR	
GAM-3B		NOR	
GAM-4A		NOR	
GAM-4B		NOR	
GAM-5A		NOR	
GAM-5B		NOR	
GAM-6A		NOR	
GAM-6B		NOR	
GAM-7		NOR	
GAM-8		NOR	
GEG-1	MOV	NOR	RIV
GEG-1H	MOV	NOR	RIV
GEG-1L	MOV	NOR	RIV
GEG-2	MOV	NOR	RIV
GEG-3	MOV	NOR	RIV
GEG-30A	MOV	NOR	RIV
GEG-30B	MOV	NOR	RIV
GEG-30C	MOV	NOR	RIV
GEG-30D	MOV	NOR	RIV
GEG-4	MOV	NOR	RIV
GEG-5		NOR	RIV
GEG-6		NOR	RIV
GEG-7	MOV		RIV
GEG-8	MOV		RIV
GEO-1			RIV

GEO-1B			RIV
GEO-1L			RIV
GEO-2			RIV
GEO-3			RIV
GEO-30A			RIV
GEO-30B			RIV
GEO-31			RIV
GEO-32			RIV
GEO-4	MOV		RIV
GEO-5			RIV
GUI-45	MOV	NOR	RIV
GUI-46	MOV	NOR	RIV
GUI-47	MOV	NOR	RIV
GUI-47A	MOV	NOR	
GUI-48	MOV	NOR	RIV
GUI-48A	MOV		
GUI-845	MOV		RIV
GUI-847A	MOV		RIV
GUI-847B	MOV		RIV
GUI-848	MOV		RIV
HCA-1			RIV
HCA-2			RIV
HCA-3			RIV
HCA-4			RIV
HCA-5			RIV
HCA-6			RIV
HCA-7			RIV
HES-1	MOV	NOR	RIV
HET-79	MOV		
HIS-1	MOV	NOR	RIV
HIS-11	MOV		RIV
HIS-12	MOV		RIV
HIS-14	MOV	NOR	RIV
HIS-15	MOV		RIV
HIS-16			RIV
HIS-17			RIV
HIS-18			RIV
HIS-19			RIV
HIS-2	MOV	NOR	RIV
HIS-25	MOV	NOR	RIV
HIS-26	MOV	NOR	RIV
HIS-28			RIV
HIS-29			RIV
HIS-2H	MOV		RIV
HIS-31	MOV	NOR	RIV
HIS-32	MOV		RIV
HIS-33	MOV		RIV
HIS-34	MOV	NOR	RIV
HIS-35	MOV		RIV
HIS-38	MOV		RIV

HIS-42			RIV
HIS-44			RIV
HIS-6	MOV	NOR	RIV
HIS-60	MOV		RIV
HIS-61	MOV	NOR	RIV
HIS-6H	MOV	NOR	RIV
HIS-7	MOV	NOR	RIV
HIS-7H	MOV	NOR	RIV
HLS-1	MOV		
HLS-101	MOV		
HLS-2	MOV		
HLS-3	MOV		
HLS-4	MOV		
HLS-5	MOV		
HLS-50	MOV		
HLS-51	MOV		
HLS-52	MOV		
HLS-53	MOV		
HLS-6	MOV		
HLS-801	MOV		
HLS-810	MOV		
HLS-811	MOV		
HLS-830	MOV		
HLS-840	MOV		
HMS-13	MOV		
HMS-14	MOV		
HMS-16	MOV		
HMS-17	MOV		
HMS-18	MOV		
HMS-19	MOV		
HMS-20	MOV		
HMS-200	MOV		
HMS-21	MOV		
HMS-22	MOV		
HMS-23	MOV		
HMS-24	MOV		
HMS-25	MOV		
HMS-26	MOV		
HMS-27	MOV		
HMS-28	MOV		
HMS-29	MOV		
HMS-30	MOV		
HMS-31	MOV		
HMS-32	MOV		
HMS-33	MOV		
HMS-34	MOV		
HMS-35	MOV		
HMS-36	MOV		
HMS-37	MOV		
HMS-38	MOV		

HMS-39	MOV		
HMS-4	MOV		
HMS-40	MOV		
HMS-41	MOV		
HMS-42	MOV		
HMS-43	MOV		
HMS-44	MOV		
HMS-45	MOV		
HMS-46	MOV		
HMS-47	MOV		
HMS-48	MOV		
HMS-49	MOV		
HMS-5	MOV		
HMS-50	MOV		
HMS-51	MOV		
HMS-52	MOV		
HMS-53	MOV		
HMS-6	MOV		
HMS-60	MOV		
HMS-61	MOV		
HMS-62	MOV		
HMS-64	MOV		
HMS-65	MOV		
HMS-66	MOV		
HMS-69	MOV		
HMS-7	MOV		
HMS-70	MOV		
HMS-71	MOV		
HMS-72	MOV		
HMS-73	MOV		
HMS-74	MOV		
HMS-8	MOV		
HUM-10	MOV	NOR	RIV
HUM-10H	MOV	NOR	RIV
HUM-11		NOR	RIV
HUM-16		NOR	RIV
HUM-18	MOV	NOR	RIV
HUM-20A			RIV
HUM-20B			RIV
HUM-20C			RIV
HUM-23	MOV	NOR	RIV
HUM-35	MOV	NOR	RIV
HUM-4	MOV	NOR	RIV
HUM-4H	MOV	NOR	RIV
HUM-5	MOV	NOR	RIV
HUM-5H	MOV	NOR	RIV
HUM-8	MOV	NOR	RIV
HUM-9		NOR	RIV
IAT-10	MOV		
IAT-15	MOV		

IAT-20	MOV		
IAT-21	MOV		
IAT-30	MOV		
IAT-40	MOV		
ILA-1	MOV	NOR	
ILA-3		NOR	RIV
ILA-5	MOV		RIV
ILA-800	MOV	NOR	RIV
ITA-1			RIV
ITA-11			RIV
ITA-2			RIV
ITA-3			RIV
JOU-1	MOV		RIV
JOU-150	MOV		RIV
JOU-2	MOV		RIV
JOU-20A	MOV		RIV
JOU-20B	MOV		RIV
JOU-20C	MOV		RIV
JOU-20D	MOV		RIV
JOU-52A			RIV
JOU-52B			RIV
JOU-52C			RIV
JOU-52D			RIV
JOU-7	MOV	NOR	RIV
JPN-1			RIV
JPN-11			RIV
JPN-2			RIV
JPN-3			RIV
JPN-4			RIV
KIN-10	MOV	NOR	RIV
KIN-12	MOV	NOR	RIV
KIN-14			RIV
KIN-16		NOR	RIV
KIN-17			RIV
KIN-18			RIV
KIN-19			RIV
KIN-20			RIV
KIN-21A			RIV
KIN-21B			RIV
KIN-21C			RIV
KIN-21D			RIV
KIN-23			RIV
KIN-24			RIV
KIN-25			RIV
KIN-26			RIV
KIN-27			RIV
KIN-28			RIV
KIN-29		NOR	RIV
KIN-30	MOV	NOR	RIV
KIN-33			RIV

KIN-34			RIV
KIN-35	MOV	NOR	RIV
KIN-36	MOV	NOR	RIV
KIN-38		NOR	RIV
KIN-39			RIV
KIN-4	MOV	NOR	RIV
KIN-42			RIV
KIN-43	MOV		RIV
KIN-44A	MOV		RIV
KIN-44B	MOV		RIV
KIN-45			RIV
KIN-6			RIV
KIN-A03			RIV
KIN-A04			RIV
KIN-A07			RIV
KIN-A08A			RIV
KIN-A08B			RIV
KIN-A08C			RIV
KIN-A11			RIV
KIN-A12			RIV
KIN-A13			RIV
KIN-A20			RIV
KIN-A21			RIV
KIN-A28			RIV
KIN-A29			RIV
KIN-A30			RIV
KIN-A31A			RIV
KIN-A31B			RIV
KIN-A31C			RIV
KIN-A37		NOR	
KIN-A40	MOV	NOR	
KIN-A41	MOV	NOR	
KIN-A42	MOV	NOR	
KIN-A43		NOR	RIV
KIN-A44		NOR	RIV
KIN-A46	MOV	NOR	
KIN-A47	MOV	NOR	
KIN-A48	MOV		
KIN-A54A			RIV
KIN-A54B			RIV
KIN-A55			RIV
KIN-A57A			RIV
KIN-A57B			RIV
KIN-A57C			RIV
KIN-A62	MOV	NOR	RIV
KIN-A64A	MOV	NOR	RIV
KIN-A64B	MOV	NOR	RIV
KIN-A64C	MOV	NOR	RIV
KIN-A67			RIV
KIN-A68			RIV

KIN-A69			RIV
KIN-A71			RIV
KIN-A75A	MOV	NOR	RIV
KIN-A75B	MOV	NOR	RIV
KIN-A77A		NOR	RIV
KIN-A77B		NOR	RIV
KIN-A77C		NOR	RIV
KIN-A81A	MOV	NOR	RIV
KIN-A81B	MOV	NOR	RIV
KIN-A81C	MOV	NOR	RIV
KIN-A83		NOR	
KIN-A86	MOV		
KIN-A87	MOV		
KIN-A88	MOV		
KIN-A89A	MOV	NOR	RIV
KIN-A89B	MOV	NOR	RIV
KIN-A89C	MOV	NOR	RIV
KIN-A90A		NOR	RIV
KIN-A90B		NOR	RIV
KIN-A90C		NOR	RIV
KIN-V01		NOR	RIV
KIN-V02			RIV
KIN-V04			RIV
KIN-V05			RIV
KIN-V06			RIV
KIN-V07			RIV
KIN-V08			RIV
KIN-V09			RIV
KIN-V10		NOR	RIV
KIN-V11			RIV
KIN-V12		NOR	RIV
KIN-V14			RIV
KIN-V18			RIV
KIN-V19			RIV
KIN-V20			RIV
KIN-V21			RIV
KIN-V22			RIV
KIN-V23			RIV
KIN-V24			RIV
KIN-V25		NOR	
KIN-V26			RIV
KIN-V27			RIV
KIN-V33			RIV
KIN-V34			RIV
KIN-V50			RIV
KIN-V51			RIV
KIN-V52			RIV
KIN-V53			RIV
KIN-V55			RIV
KIN-V56			RIV

KIN-V60			RIV
KIN-V61			RIV
KIN-V70			RIV
KIN-V71			RIV
KIN-V72			RIV
KIN-V73			RIV
KIN-V78		NOR	RIV
KIN-V82			RIV
KIN-V92			RIV
KIN-V94	MOV	NOR	RIV
KIN-V95	MOV	NOR	RIV
LIB-1	MOV	NOR	RIV
LOT-15		NOR	
LOT-25		NOR	
LOT-35		NOR	
LOT-5		NOR	
MAG-200	MOV	NOR	RIV
MAG-40			RIV
MAG-41			RIV
MAG-44	MOV	NOR	RIV
MAG-47	MOV	NOR	RIV
MAG-51	MOV	NOR	RIV
MAG-52			RIV
MAG-53	MOV	NOR	RIV
MAG-54			RIV
MAG-56	MOV	NOR	RIV
MAG-60			RIV
MAG-62			RIV
MAG-70			RIV
MAN-10		NOR	
MAN-11		NOR	
MAN-12		NOR	
MAN-13		NOR	
MAN-15		NOR	
MAN-200		NOR	
MAN-27		NOR	
MAN-28		NOR	
MAN-35		NOR	
MAN-36		NOR	
MAN-55		NOR	
MAN-56		NOR	
MAN-57		NOR	
MAN-60		NOR	
MAN-61		NOR	
MAN-63		NOR	
MAN-64		NOR	
MAN-66		NOR	
MAN-67		NOR	
MAN-68		NOR	
MAN-69		NOR	

MAN-72		NOR	
MAN-73		NOR	
MAN-74		NOR	
MAN-77		NOR	
MAN-78		NOR	
MAN-835		NOR	
MAN-836		NOR	
MAN-856		NOR	
MAN-857		NOR	
MAN-860		NOR	
MAN-864		NOR	
MAT-10	MOV	NOR	RIV
MAT-101A	MOV	NOR	RIV
MAT-105	MOV	NOR	RIV
MAT-109	MOV	NOR	RIV
MAT-11	MOV	NOR	RIV
MAT-111	MOV	NOR	RIV
MAT-112	MOV	NOR	RIV
MAT-125	MOV	NOR	RIV
MAT-139	MOV		RIV
MAT-1A	MOV	NOR	RIV
MAT-1AH	MOV	NOR	RIV
MAT-1B	MOV	NOR	RIV
MAT-1C	MOV	NOR	RIV
MAT-2	MOV	NOR	RIV
MAT-23			RIV
MAT-25	MOV	NOR	RIV
MAT-26	MOV		RIV
MAT-3	MOV	NOR	RIV
MAT-32	MOV	NOR	
MAT-36	MOV	NOR	RIV
MAT-39	MOV	NOR	RIV
MAT-42		NOR	
MAT-5	MOV	NOR	RIV
MAT-70A	MOV	NOR	RIV
MAT-70B	MOV	NOR	RIV
MAT-801	MOV		RIV
MAT-802	MOV		RIV
MAT-803	MOV		RIV
MAT-804	MOV		RIV
MAT-9	MOV	NOR	RIV
MDA-10	MOV		
MDA-100	MOV		
MDA-11	MOV		
MDA-50	MOV		
MDA-54A	MOV		
MDA-54B	MOV		
MDA-58A	MOV		
MDA-58B	MOV		
MDA-59	MOV		

MDA-60	MOV		
MDA-61	MOV		
MDA-62	MOV		
MDA-63	MOV		
MDA-64	MOV		
MIL-1			RIV
MIL-2			RIV
MIS-10A		NOR	
MIS-10B		NOR	
MIS-11A	MOV	NOR	
MIS-11B	MOV	NOR	
MIS-12		NOR	
MIS-13		NOR	
MIS-1A		NOR	
MIS-1B		NOR	
MIS-1C		NOR	
MIS-2		NOR	
MIS-200		NOR	
MIS-3		NOR	
MIS-4		NOR	
MIS-7		NOR	
MKT-20	MOV	NOR	RIV
MKT-200	MOV	NOR	RIV
MKT-25			RIV
MKT-40	MOV	NOR	RIV
MKT-41	MOV	NOR	RIV
MKT-42	MOV	NOR	RIV
MKT-43			RIV
MUC-10		NOR	
MUC-11		NOR	
MUC-12		NOR	
MUC-13		NOR	
MUC-2		NOR	
MUC-4		NOR	
MUC-5		NOR	
MUC-6		NOR	
MUC-7		NOR	
MUC-8		NOR	
MUC-9		NOR	
MUS-1	MOV		RIV
MUS-10			RIV
MUS-101	MOV		RIV
MUS-11			RIV
MUS-12			RIV
MUS-19	MOV	NOR	RIV
MUS-19H	MOV	NOR	
MUS-22	MOV		RIV
MUS-23	MOV	NOR	RIV
MUS-25	MOV	NOR	RIV
MUS-26	MOV		RIV

MUS-28			RIV
MUS-29	MOV	NOR	RIV
MUS-3	MOV	NOR	RIV
MUS-30	MOV	NOR	RIV
MUS-31		NOR	RIV
MUS-32A	MOV	NOR	RIV
MUS-32B	MOV	NOR	RIV
MUS-32C	MOV	NOR	RIV
MUS-32D	MOV	NOR	RIV
MUS-33		NOR	RIV
MUS-35			RIV
MUS-36	MOV		RIV
MUS-37	MOV	NOR	RIV
MUS-38	MOV	NOR	RIV
MUS-39		NOR	RIV
MUS-4	MOV	NOR	RIV
MUS-40			RIV
MUS-41		NOR	RIV
MUS-42			RIV
MUS-43A			RIV
MUS-43B			RIV
MUS-43C			RIV
MUS-44			RIV
MUS-48			RIV
MUS-49			RIV
MUS-5	MOV	NOR	RIV
MUS-50			RIV
MUS-52		NOR	RIV
MUS-53		NOR	RIV
MUS-54			RIV
MUS-55		NOR	RIV
MUS-56		NOR	RIV
MUS-57	MOV		RIV
MUS-58	MOV		RIV
MUS-59			RIV
MUS-6	MOV	NOR	RIV
MUS-60			RIV
MUS-61			RIV
MUS-65		NOR	RIV
MUS-66			RIV
MUS-67		NOR	RIV
MUS-68			RIV
MUS-69			RIV
MUS-70	MOV	NOR	RIV
MUS-71		NOR	RIV
MUS-73			RIV
MUS-74			RIV
MUS-75		NOR	RIV
MUS-76			RIV
MUS-77		NOR	RIV

MUS-78	MOV	NOR	RIV
MUS-79		NOR	RIV
MUS-80			RIV
MUS-81		NOR	RIV
MUS-82			RIV
MUS-829	MOV		RIV
MUS-83	MOV		RIV
MUS-84			RIV
MUS-85		NOR	RIV
MUS-854			RIV
MUS-855		NOR	RIV
MUS-858	MOV		RIV
MUS-86			RIV
MUS-868			RIV
MUS-87	MOV	NOR	RIV
MUS-870	MOV	NOR	
MUS-89		NOR	RIV
MUS-89H		NOR	RIV
MUS-8A			RIV
MUS-8B			RIV
MUS-9			RIV
MUS-92		NOR	RIV
MUS-93		NOR	RIV
MUS-94			RIV
MUS-95		NOR	RIV
MUS-97			RIV
MUS-98			RIV
MUS-P11			RIV
MUS-P12			RIV
MUS-P27			RIV
MUS-P28			RIV
MUS-P32A			RIV
MUS-P36			RIV
MUS-P42			RIV
MUS-P44			RIV
MUS-P51			RIV
MUS-P52A	MOV		RIV
MUS-P52B			RIV
MUS-P70	MOV	NOR	
MUS-P76			RIV
MUS-P77		NOR	RIV
MUS-P84			RIV
MUS-P87	MOV	NOR	RIV
NNA-79			RIV
NNA-80			RIV
NNA-80A			RIV
NNA-80B			RIV
NNA-81			RIV
NNA-86			RIV
NRN-100			RIV

NRN-107	RIV
NRN-11	RIV
NRN-11A	RIV
NRN-11B	RIV
NRN-11C	RIV
NRN-12	RIV
NRN-12A	RIV
NRN-12B	RIV
NRN-12C	RIV
NRN-14	RIV
NRN-18	RIV
NRN-18B	RIV
NRN-19	RIV
NRN-19B	RIV
NRN-200	RIV
NRN-21	RIV
NRN-21A	RIV
NRN-21B	RIV
NRN-21C	RIV
NRN-22	RIV
NRN-22A	RIV
NRN-22B	RIV
NRN-22C	RIV
NRN-6	RIV
NRN-7	RIV
NRN-8	RIV
NRN-93	RIV
NRN-94	RIV
NVN-42	RIV
NVN-42A	RIV
NVN-42B	RIV
NVN-42C	RIV
NVN-43	RIV
NVN-44	RIV
NVN-44A	RIV
NVN-44B	RIV
NVN-44C	RIV
NVN-45	RIV
NVN-52	RIV
NVN-52A	RIV
NVN-55	RIV
NVN-55A	RIV
NVN-55B	RIV
NVN-60	RIV
NVN-61	RIV
NVN-62	RIV
NVN-62A	RIV
NVN-63	RIV
NVN-70	RIV
NVN-71	RIV

NXN-78			RIV
NXN-81			RIV
NXN-84			RIV
OCE-1			RIV
OCE-1L			RIV
PAL-10			RIV
PAL-14			RIV
PAL-200			RIV
PAL-64			RIV
PAL-65			RIV
PAL-68			RIV
PAL-70			RIV
PAL-72			RIV
PAL-78			RIV
PAL-80			RIV
PAL-81			RIV
PAL-82			RIV
PAL-83			RIV
PAL-84			RIV
PAL-85			RIV
PAL-86			RIV
PAL-87			RIV
PAL-89			RIV
PAL-90			RIV
PDS-801	MOV	NOR	RIV
PDS-802	MOV	NOR	RIV
PDS-803	MOV	NOR	RIV
PDS-804	MOV	NOR	RIV
PDS-805	MOV	NOR	RIV
PDS-806	MOV	NOR	RIV
PDS-807	MOV	NOR	RIV
PDS-808	MOV	NOR	RIV
PDS-809	MOV	NOR	RIV
PDS-810	MOV	NOR	RIV
PDS-811	MOV	NOR	RIV
PDS-812	MOV	NOR	RIV
PDS-813	MOV	NOR	RIV
PDS-814	MOV	NOR	RIV
PDS-815	MOV	NOR	RIV
PDS-816	MOV	NOR	RIV
PDS-817	MOV	NOR	RIV
PDS-818	MOV	NOR	RIV
PHI-10	MOV	NOR	RIV
PHI-10H	MOV	NOR	RIV
PHI-11	MOV	NOR	RIV
PHI-12	MOV	NOR	RIV
PHI-13			RIV
PHI-14			RIV
PHI-18	MOV	NOR	RIV
PHI-19		NOR	RIV

PHI-22		NOR	
PHI-32	MOV	NOR	RIV
PHI-33		NOR	RIV
PHI-34		NOR	RIV
PHI-35	MOV	NOR	RIV
PHI-36		NOR	RIV
PHO-11			RIV
PHO-12			RIV
PHO-14			RIV
PHO-15			RIV
PHO-18			RIV
PHO-19			RIV
PHO-20	MOV	NOR	RIV
PHO-200	MOV		RIV
PHO-22			RIV
PHO-23			RIV
PHO-27		NOR	RIV
PHO-67	MOV		RIV
PHO-7			RIV
PHO-8			RIV
PHO-9			RIV
PHS-1	MOV	NOR	RIV
PHS-5			RIV
PHY-10	MOV	NOR	RIV
PHY-11	MOV	NOR	RIV
PHY-2A		NOR	RIV
PHY-2B		NOR	RIV
PHY-4A	MOV	NOR	RIV
PHY-4B	MOV	NOR	RIV
PHY-4C	MOV	NOR	RIV
PHY-4D	MOV		RIV
POLS-10			RIV
POLS-11	MOV	NOR	RIV
POLS-13		NOR	RIV
POLS-14			RIV
POLS-17			RIV
POLS-2	MOV	NOR	RIV
POLS-20	MOV	NOR	RIV
POLS-21	MOV	NOR	RIV
POLS-22	MOV	NOR	RIV
POLS-23	MOV	NOR	RIV
POLS-2H	MOV		RIV
POLS-3	MOV		
POLS-4	MOV	NOR	RIV
POLS-4H	MOV	NOR	RIV
POLS-5	MOV	NOR	RIV
POLS-6	MOV		RIV
POLS-8	MOV		RIV
POLS-C1000	MOV	NOR	RIV
POLS-C1000H	MOV	NOR	RIV

POR-1			RIV
POR-2			RIV
PSYC-10	MOV	NOR	RIV
PSYC-11	MOV	NOR	RIV
PSYC-148	MOV	NOR	RIV
PSYC-2	MOV	NOR	RIV
PSYC-33	MOV	NOR	RIV
PSYC-35	MOV	NOR	RIV
PSYC-35H	MOV	NOR	RIV
PSYC-48	MOV	NOR	RIV
PSYC-50	MOV	NOR	RIV
PSYC-8	MOV	NOR	RIV
PSYC-9	MOV	NOR	RIV
PSYC-C1000	MOV	NOR	RIV
PSYC-C1000H	MOV	NOR	RIV
PUB-1			RIV
RLE-200	MOV	NOR	RIV
RLE-80	MOV	NOR	RIV
RLE-81	MOV	NOR	RIV
RLE-82	MOV	NOR	RIV
RLE-83	MOV	NOR	RIV
RLE-84	MOV	NOR	RIV
RLE-85	MOV	NOR	RIV
RLE-86	MOV	NOR	RIV
RUS-1			RIV
RUS-11			RIV
RUS-2			RIV
RUS-3			RIV
SCA-1		NOR	
SCA-10		NOR	
SCA-12		NOR	
SCA-200		NOR	
SCA-812		NOR	
SCE-804	MOV		RIV
SCE-809	MOV		RIV
SCE-811	MOV		RIV
SCE-813	MOV		RIV
SCE-830	MOV		RIV
SCE-840	MOV		RIV
SCT-1		NOR	
SCT-200		NOR	
SJS-110		NOR	
SOC-1	MOV	NOR	RIV
SOC-10	MOV	NOR	RIV
SOC-10H	MOV	NOR	RIV
SOC-12	MOV	NOR	RIV
SOC-148	MOV	NOR	RIV
SOC-15	MOV	NOR	RIV
SOC-1H		NOR	RIV
SOC-2	MOV	NOR	RIV

SOC-20	MOV	NOR	RIV
SOC-21	MOV		RIV
SOC-23			RIV
SOC-25			RIV
SOC-3		NOR	RIV
SOC-47	MOV	NOR	RIV
SOC-48	MOV	NOR	RIV
SOC-50	MOV	NOR	RIV
SPA-1	MOV	NOR	RIV
SPA-11	MOV	NOR	RIV
SPA-12	MOV	NOR	RIV
SPA-2	MOV	NOR	RIV
SPA-2H	MOV		
SPA-3	MOV	NOR	RIV
SPA-4	MOV	NOR	RIV
SPA-51			RIV
SPA-8	MOV	NOR	RIV
STAT-13	MOV	NOR	RIV
STAT-C1000	MOV	NOR	RIV
STAT-C1000H	MOV	NOR	RIV
THE-2		NOR	RIV
THE-200	MOV	NOR	RIV
THE-25		NOR	RIV
THE-26		NOR	RIV
THE-29		NOR	RIV
THE-3	MOV	NOR	RIV
THE-30			RIV
THE-32	MOV	NOR	RIV
THE-33		NOR	RIV
THE-34		NOR	RIV
THE-35		NOR	RIV
THE-36		NOR	RIV
THE-37			RIV
THE-38			RIV
THE-39		NOR	RIV
THE-4		NOR	RIV
THE-41		NOR	RIV
THE-44		NOR	RIV
THE-46		NOR	RIV
THE-48		NOR	RIV
THE-49			RIV
THE-5		NOR	RIV
THE-54			RIV
THE-55			RIV
THE-56			RIV
THE-57			RIV
THE-58			RIV
THE-6		NOR	RIV
THE-805			RIV
THE-9		NOR	RIV

WEL-115A			RIV
WEL-20			RIV
WEL-200			RIV
WEL-22			RIV
WEL-24			RIV
WEL-26			RIV
WEL-65A			RIV
WEL-65B			RIV
WEL-75A			RIV
WEL-75B			RIV
WEL-85A			RIV
WEL-85B			RIV
WEL-95A			RIV
WEL-95B			RIV
WKX-200	MOV	NOR	RIV
WKX-201	MOV	NOR	RIV
WKX-BIT	MOV		

Curriculum Proposal Minutes Requirements

For every proposal, please complete the [Minutes Report Form](#) and attach it to your proposal in Curriqnet with the minutes.

		District Discipline	College Discipline	District Discipline Communication	Originating Department	Honors Committee*	Discontinuance Task Force
Courses	New Course	✓			✓	*	
	Major Modification	✓			✓		
	Minor Modification	✓			✓		
	Course Deletion	✓			✓	*	
	Course Inclusion		✓	✓	✓	*	
	Course Exclusion		✓	✓	✓	*	
	Extensive Lab	✓			✓		
	RCCD GE Modification	✓			✓		
Distance Education	New DE	✓			✓	*	
	DE Modification	✓			✓		
Programs	New Program		✓	✓	✓		
	Modification		✓	✓	✓		
	Discontinuance		✓	✓	✓		✓

*Honors committee approval is required only for honors proposals.

Minutes Types

District Discipline:

A vote from the discipline at each college that offers the course. If a college does not offer the course, that college's discipline does not vote. Each college counts as a single vote on whether to approve a proposal. A majority of colleges must vote to approve the proposal in order for it to move forward.

College Discipline:

A vote from the discipline only at the college originating the proposal.

District Discipline Communication:

An e-mail notification to the district-wide discipline regarding the proposal. This is a communication to the district-wide discipline only, and not a vote of approval.

Originating Department:

A vote from the department only at the college originating the proposal.

Honors Committee:

A vote from the honors committee at each college offering the course.

Discontinuance Task Force:

A vote from the discontinuance task force per BP/AP 2021.