




## Laney College

## Course Catalog Supplement

2017-18


Laney College
Catalog Supplement 2017-20I8

## TABLE OF CONTENTS

ABOUT THIS SUPPLEMENT ..... 2
ACCURACY STATEMENT ..... 2
COURSE ADDITIONS ..... 3
COURSE CHANGES ..... 9
Course Corrections ..... 25
COURSE DEACTIVATIONS ..... 27
C-ID STATUS ..... 28
Program Additions ..... 33
PROGRAM CHANGES ..... 39
PROGRAM CORRECTIONS ..... 46
$\square$
Catalog Supplement 2017-2018

## About This Supplement

The Laney College Catalog Supplement for 2017-18 is a summary of additions, deactivations, corrections, and changes that have been made in curriculum and policies affecting students since the publication of the 2017-18 Catalog. Changes to curriculum are made on an ongoing basis throughout the academic year and are usually effective for a subsequent term. All individual course additions and changes show the effective term at the end of each entry. All program additions and changes show the effective term after the program title.

| Notations |  |
| :--- | :--- |
| F17 $=$ Fall 2017 | M18 $=$ Summer 2018 |
| S18 $=$ Spring 2018 | F18 $=$ Fall 2018 |

## Accuracy Statement

Laney College endeavors to present its programs and policies to the public accurately and fairly. Those responsible for the preparation of the Catalog, the Catalog Supplement, and Schedules of Classes, and all other public announcements make every effort to ensure that the information presented is correct and up-to-date. However, the College reserves the right to add, amend, or repeal the curriculum and any rules, regulations, policies and procedures. The College assumes no responsibility for program changes or publication errors beyond its control.

## Catalog Supplement 2017-2018

## COURSE ADDITIONS

## DEPT/NO. COURSE TITLE/INFORMATION

EFF TERM

CHIN $8 \quad$| Chinese Study Abroad |
| :--- |
| $2-5$ units, 1.5-3 hours lecture, 3-6 hours laboratory (GR or P/NP) |
| Prerequisite(s): Must have the instructor and the Dean's approval |
| Acceptable for credit: CSU |
|  |
| In-depth study of Chinese language and culture through immersion: Tradition, history, |
| geography and economic development. |

CHIN 22A Chinese for Bilingual Speakers I
M17
2-5 units, 1.5-3 hours lecture, 3-6 hours laboratory (GR or P/NP)
Prerequisite(s): Must have the instructor and the Dean's approval
Acceptable for credit: CSU

In-depth study of Chinese language and culture through immersion: Tradition, history, geography and economic development.
1107.00

5 units, 5 hours lecture (GR or P/NP)
Prerequisite(s): Oral fluency in at least one Chinese dialect other than standard Mandarin and knowledge of approximately 800-1000 Chinese characters.
Acceptable for credit: CSU/UC

High beginning level of Mandarin for students whose native language is Chinese or other linguistically qualified students: Intensive training in written and spoken Mandarin with emphasis on Pinyin development, lexical expansion, critical reading and composition. This course is equivalent to two years of high school study.
1107.00

CIS 299 Survey Course for Digital Media/CIS [CIS/Raspberry Pi]
0.5 units, 0.25 hours lecture, 0.75 hours laboratory (GR or P/NP)

Introduction to Computer Information Systems Industry: Using the Raspberry Pi. Part of a fourpart series including MEDIA 299, GRART 299 and PHOTO 299.
0706.00

CONMT 466H Occupational Work Experience in Construction Management
1-4 units, 3-12 hours laboratory (GR)

Supervised employment providing opportunities in construction management or a related field: Develop desirable work habits, become a productive, responsible individual, and extend education experience with on the job training. Course study under this section may be repeated three times for a maximum of 16 units for occupational or a combination of general and occupational work experience education (including Regular and Alternate Plan and General/Occupational/Apprentice Work Experience).

## COURSE ADDITIONS

## DEPT/NO.

## COURSE TITLE/INFORMATION

EFF TERM

CULIN 472B Occupational Work Experience in Culinary Arts/Baking
M18
1-4 units, 3-12 hours laboratory (GR)
Supervised employment providing opportunities in culinary arts/baking or a related field: Develop desirable work habits, become a productive, responsible individual, and extend education experience with on the job training. Course study under this section may be repeated three times for a maximum of 16 units for occupational or a combination of general and occupational work experience education (including Regular and Alternate Plan and General/Occupational/Apprentice Work Experience).

CULIN 472C Occupational Work Experience in Culinary Arts/Cooking
1-4 units, 3-12 hours laboratory (GR)
Supervised employment providing opportunities in culinary arts/cooking or a related field: Develop desirable work habits, become a productive, responsible individual, and extend education experience with on the job training. Course study under this section may be repeated three times for a maximum of 16 units for occupational or a combination of general and occupational work experience education (including Regular and Alternate Plan and General/Occupational/Apprentice Work Experience).

DANCE 92 Salsa I
1 units, 3 hours laboratory (GR or P/NP)
Acceptable for credit: CSU/UC
Study and development of beginning skills and techniques of Cuban and Latin Salsa emphasizing the evolution of Salsa dance from its origins to present day.
1008.00

E/ET 233
Electrician State Exam Preparation
2 units, 2 hours lecture (GR)
Prerequisite(s): ENGIN 35

Preparation for the California state exam: Electrician Trainee exam applying National Electric Code in residential and commercial applications.

## Catalog Supplement 2017-2018

## COURSE ADDITIONS

## DEPT/NO.

COURSE TITLE/INFORMATION
EFF TERM

ENGIN 36 Engineering Mechanics of Materials | 3 units, 3 hours lecture (GR) |
| :--- |
| Recommended Preparation: E/ET 207B or 227 or completed the Electrical Technology certificate |
| and are going to take the State Electrician Exam. |

Application of principles of statics to materials: Concepts of stress, strain, and material behavior to analyze simple structural members under axial, bending, and torsional loadings; multi-axial treatment of stresses and strains, tensor transformations, yielding and failure.
0934.00
$\begin{array}{lll}\text { GRART } 299 & \text { Survey Course for Digital Media/CIS [Graphic Arts] } & \text { S18 } \\ & 0.5 \text { units, } 0.25 \text { hours lecture, } 0.75 \text { hours laboratory (GR or P/NP) }\end{array}$
Introduction to the Digital Media Industry [Graphic Arts]: Introduction to discipline of graphic design for print and electronic output. Part of a four-part series including MEDIA 299, PHOTO 299 and CIS 299.

$$
1030.00
$$

$\begin{array}{lll}\text { HLTED 5 } & \text { Weight Management and Fitness } & \text { F17 } \\ & 3 \text { units, } 3 \text { hours lecture (GR or P/NP) } & \\ & \text { Acceptable for credit: } \mathrm{CSU} / \mathrm{UC} & \end{array}$
Integrated approach to weight management: Physical fitness concepts, nutritional and dietary applications, body composition analysis and behavioral strategies to improve individual health and fitness.
0837.00
$\begin{array}{lll}\text { LABST 456H } & \text { Occupational Work Experience in Labor Studies } & \text { M18 } \\ & 1-4 \text { units, 3-12 hours laboratory (GR) }\end{array}$
Supervised employment providing opportunities in labor studies or a related field: Develop desirable work habits, become a productive, responsible individual, and extend education experience with on the job training. Course study under this section may be repeated three times for a maximum of 16 units for occupational or a combination of general and occupational work experience education (including Regular and Alternate Plan and General/Occupational/Apprentice Work Experience).
0516.00

Catalog Supplement 2017-2018

## COURSE ADDITIONS

## DEPT/NO.

COURSE TITLE/INFORMATION
EFF TERM

MACH 211

MATH 230

MATH 261

MEDIA 299

Dimensional Metrology
5 units, 3 hours lecture/6 hours laboratory (GR or P/NP)
Eligible for credit by examination.

Introduction to the operation and theory of machine tools focusing on shop safety: Blueprint reading and engineering drawings, precision measurement, layout, tool grinding, speed and feed calculations, drill-press operation, lathe operation (turning and threading), and mill setup and operation.

## Elementary and Intermediate Algebra for Business or STEM majors

6 units, 6 hours lecture (GR)
Prerequisite(s): MATH 250 or 225 or 253 or Appropriate Placement through the multiple measures assessment process.

A combined course in algebra: Systems of equations: inequalities, graphs and functions; radicals, quadratic polynomials, rational expressions; exponential and logarithmic functions, and problem solving, with emphasis on knowledge skills appropriate for students pursuing a major in STEM (Science, Technology, Engineering, Mathematics) or Business.
1701.00

Pre-Algebra Foundations
5 units, 5 hours lecture (GR or P/NP)

Topics from Arithmetic and Pre-Algebra: Use of basic arithmetic in application problems, estimation, the real number system, variables and linear equations, percents, proportions and unit conversion. Not open to students who have completed MATH 253.
1702.00

Survey Course for Digital Media/CIS [Film/Video/Audio]
0.5 units, 0.25 hours lecture, 0.75 hours laboratory (GR or P/NP)

Introduction to the Digital Media Industry [Media Communications]: Planning a video production; scripting, cameras and microphones, audio, editing, dynamic effects, distributing to a web page. Part of a four-part series including GRART 299, PHOTO 299 and CIS 299.
0604.20

## COURSE ADDITIONS

## DEPT/NO.

COURSE TITLE/INFORMATION
EFF TERM

PHOTO 299 Survey Course for Digital Media/CIS [Photography]
0.5 units, 0.25 hours lecture, 0.75 hours laboratory (GR or P/NP)

Introduction to the Digital Media Industry [Photography]: Camera use; input and process; output to print; design; darkroom; photojournalism. Part of a four-part series including GRART 299, MEDIA 299 and CIS 299.
1012.00

PHOTO 468A Occupational Work Experience in Photography
1-4 units, 3-12 hours laboratory (GR)
Supervised employment providing opportunities in photography or a related field: Develop desirable work habits, become a productive, responsible individual, and extend education experience with on the job training. Course study under this section may be repeated three times for a maximum of 16 units for occupational or a combination of general and occupational work experience education (including Regular and Alternate Plan and General/Occupational/Apprentice Work Experience).

POSCI 16

SOCSC 19

State and Local Government
3 units, 3 hours lecture (GR or P/NP)
Acceptable for credit: CSU

Survey of government institutions and politics in California and the San Francisco Bay Area; Development of public policy and current issues such as federalism, elections, taxation, land use, and political parties.
2207.00

Introduction to Global Studies
3 units, 3 hours lecture (GR or P/NP)
Acceptable for credit: CSU

Survey of globalization: Role of geography, institutions, and major actors; history of globalization; debates related to globalization; interdependence and conflict between different systems; global citizenship.
2201.00

## COURSE ADDITIONS

DEPT/NO. COURSE TITLE/INFORMATION
EFF TERM

SOCSC 20

SPAN 40

SPFT 37D
Global Issues
M18
3 units, 3 hours lecture (GR or P/NP)
Acceptable for credit: CSU

Global issues with emphasis on several major areas of concern: Population trends, economic development and inequality, basic human needs (for food, water health care), human rights, international conflict and security concerns, and environmental problems.
2201.00

Hispanic Civilization and Culture
5 units, 5 hours lecture (GR or P/NP)
Recommended Preparation: SPAN 2A or 22A
Acceptable for credit: CSU/UC

Study of Hispanic civilization and culture: Readings in Spanish designed to develop active language skills.
1105.00

Core and Restore IV - Experienced
0.5 units, 2 hours laboratory (GR or P/NP)

Activity class: Development of experienced level abdominal and core strength and stability in conjunction with using a roller to decrease stress and muscle tension throughout the body, as well as providing muscular rehabilitation.
0835.00

Laney College $\checkmark$

Catalog Supplement 2017-2018

## COURSE CHANGES

| DEPT/NO. | CHANGE COURSE FROM: | CHANGE COURSE TO: | EFF TERM |
| :---: | :---: | :---: | :---: |
| ARCH 10 | Course Title: <br> Introduction to Design Professions and Architectural Administration <br> Course Description: <br> Introduction to the history, practice and administration of architecture and related design professions: Operations, coordination and management of an architectural office. | Course Title: <br> Introduction to Architecture <br> Course Description: <br> Introduction to the history and practice of architecture and related design professions: Social, technological and environmental considerations encountered during the architectural design/development of the built environment. | M18 |
| ARCH 23 | Course Description: <br> Continuation of A/ET 13: Advanced study and practice in lettering, freehand sketching, and detailing of a selfdesigned residence; preliminary design and working drawings; simple development of perspectives and rendering of multi-dwelling complex or small commercial buildings; application of the use of reinforced concrete; use of Uniform Building Code in the semester project design. | Course Description: <br> Continuation of ARCH 13: Advanced study and practice in lettering, freehand sketching and detailing of self-designed residence, preliminary design and working drawings; simple development of perspectives and rendering of multi-dwelling complex or small commercial buildings; application of the use of reinforced concrete; use of Uniform Building Code in the semester project design. | M18 |
| ARCH 43 | Course Description: <br> Design and development of a commercial or public building: Site analysis and design; design and provision for structural, mechanical and electrical systems; adherence to accepted industry production, drafting and rendering practices for design and contract drawing; principles of specification writing and office practice; field trips to construction sites and architects' offices. | Course Description: <br> Continuation of ARCH 33: Design and development of a commercial or public building; Site analysis and design; design and provision for structural, mechanical and electrical systems; adherence to accepted industry production, drafting and rendering practices for design and contract drawing; principles of specification writing and office practice; field trips to construction sites and architects' offices. | M18 |

Catalog Supplement 2017-2018

## COURSE CHANGES

| DEPT/NO. | CHANGE COURSE FROM: | CHANGE COURSE TO: | EFF TERM |
| :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { ARCH } \\ & \text { 104A } \end{aligned}$ | Class Hours: <br> 2.00 Lec/4.00 Lab <br> Grading: GR | Class Hours: <br> 2.00 Lec/3.00 Lab <br> Grading: <br> GR or P/NP | M18 |
| ARCH 107 | Grading: GR | Grading: <br> GR or P/NP | M18 |
| ARCH 111 | Course Title: <br> Introduction to Sustainable <br> Architectural Design Applications | Course Title: <br> Sustainable Architectural Design | M18 |
| $\begin{aligned} & \text { ARCH } \\ & \text { 121A } \end{aligned}$ | Course Title: <br> Introduction to Building Information Modeling with Autodesk Revit <br> Course Description: <br> Introduction to Building Information Modeling (BIM) using Autodesk Revit: Use of computer and software to develop plans, details, sections, elevations and schedules from Revit generated Building Information Model. | Course Title: <br> Introduction to Building Information Modeling (BIM) <br> Course Description: <br> Introduction to Building Information Modeling (BIM): <br> Use of computer and software to develop plans, details, sections, elevations and schedules from Revit generated Building Information Model. | M18 |
| $\begin{aligned} & \text { ARCH } \\ & \text { 121B } \end{aligned}$ | Course Title: <br> Advanced Building Information Modeling with Autodesk Revit <br> Course Description: <br> Advanced concepts in Building Information modeling (BIM) using Autodesk Revit: Development of plans, details, sections, elevations and schedules from Revit generated Building Information Model. | Course Title: <br> Advanced Building Information Modeling (BIM) <br> Course Description: <br> Advanced concepts in Building Information modeling <br> (BIM): Development of plans, details, sections, elevations and schedules from Revit generated Building Information Model. | M18 |

Catalog Supplement 2017-2018

## COURSE CHANGES

| DEPT/NO. | CHANGE COURSE FROM: | CHANGE COURSE TO: | EFF TERM |
| :---: | :---: | :---: | :---: |
| ARCH 200 | Course Description: <br> Open laboratory for working on selected projects: Provides an opportunity for development of advanced projects of individual interest. | Course Description: <br> Open laboratory: upgrading of specific architect skills, and selected architect projects. | M18 |
| ARCH 204 | Prerequisite(s): <br> ARCH 104A | Prerequisite(s): <br> ARCH 104A, 121A, 121B, and 125 or Instructor's approval | M18 |
| ART 146 | Course Description: <br> Continued study: advanced research and art practice of environmental and social justice issues. | Course Description: <br> Continued study: Advanced research and art practice of environmental and social justice issues. | S18 |
| BUS 456A | Corequisite(s): <br> During regular semesters, students must enroll in a minimum of seven units including Cooperative Work Experience Education. During summer sessions, students must enroll in one other class in addition to Cooperative Work Experience Education. <br> Repeatability: <br> None <br> Course Description: <br> Supervised employment providing opportunities to become a productive, responsible individual and to extend learning in a chosen occupational field. | Corequisite(s): <br> None <br> Repeatability: <br> Course study under this section may be repeated three times. <br> Course Description: <br> Supervised employment providing opportunities in accounting or a related field: Develop desirable work habits, become a productive, responsible individual, and extend education experience with on the job training. Course study under this section may be repeated three times for a maximum of 16 units for occupational or a combination of general and occupational work experience education (including Regular and Alternate Plan and General/Occupational/Apprentice Work Experience). | M18 |

## Catalog Supplement 2017-2018

## COURSE CHANGES

| DEPT/NO. | CHANGE COURSE FROM: | CHANGE COURSE TO: | EFF TERM |
| :---: | :---: | :---: | :---: |
| BUS 456C | Corequisite(s): <br> During regular semesters, students must enroll in a minimum of seven units including Cooperative Work Experience Education. During summer sessions, students must enroll in one other class in addition to Cooperative Work Experience Education. <br> Repeatability: <br> None <br> Course Description: <br> Supervised employment providing opportunities to become a productive, responsible individual and to extend learning in a chosen occupational field. | Corequisite(s): <br> None <br> Repeatability: <br> Course study under this section may be repeated three times. <br> Course Description: <br> Supervised employment providing opportunities in accounting or a related field: Develop desirable work habits, become a productive, responsible individual, and extend education experience with on the job training. Course study under this section may be repeated three times for a maximum of 16 units for occupational or a combination of general and occupational work experience education (including Regular and Alternate Plan and General/Occupational/Apprentice Work Experience). | M18 |
| BUS 456D | Corequisite(s): <br> During regular semesters, students must enroll in a minimum of seven units including Cooperative Work Experience Education. During summer sessions, students must enroll in one other class in addition to Cooperative Work Experience Education. <br> Repeatability: None <br> Course Description: <br> Supervised employment providing opportunities to become a productive, responsible individual and to extend learning in a chosen occupational field. | Corequisite(s): <br> None <br> Repeatability: <br> Course study under this section may be repeated three times. <br> Course Description: <br> Supervised employment providing opportunities in accounting or a related field: Develop desirable work habits, become a productive, responsible individual, and extend education experience with on the job training. Course study under this section may be repeated three times for a maximum of 16 units for occupational or a combination of general and occupational work experience education (including Regular and Alternate Plan and General/Occupational/Apprentice Work Experience) | M18 |

## Catalog Supplement 2017-2018

## COURSE CHANGES

| DEPT/NO. | CHANGE COURSE FROM: | CHANGE COURSE TO: | EFF TERM |
| :---: | :---: | :---: | :---: |
| BUS 456I | Corequisite(s): <br> During regular semesters, students must enroll in a minimum of seven units including Cooperative Work Experience Education. During summer sessions, students must enroll in one other class in addition to Cooperative Work Experience Education. <br> Repeatability: <br> None <br> Course Description: <br> Supervised employment providing opportunities to become a productive, responsible individual and to extend learning in a chosen occupational field. | Corequisite(s): <br> None <br> Repeatability: <br> Course study under this section may be repeated three times. <br> Course Description: <br> Supervised employment providing opportunities in accounting or a related field: Develop desirable work habits, become a productive, responsible individual, and extend education experience with on the job training. Course study under this section may be repeated three times for a maximum of 16 units for occupational or a combination of general and occupational work experience education (including Regular and Alternate Plan and General/Occupational/Apprentice Work Experience). | M18 |
| BUS 456J | Corequisite(s): <br> During regular semesters, students must enroll in a minimum of seven units including Cooperative Work Experience Education. During summer sessions, students must enroll in one other class in addition to Cooperative Work Experience Education. <br> Repeatability: <br> None <br> Course Description: <br> Supervised employment providing opportunities to become a productive, responsible individual and to extend learning in a chosen occupational field. | Corequisite(s): <br> None <br> Repeatability: <br> Course study under this section may be repeated three times. <br> Course Description: <br> Supervised employment providing opportunities in accounting or a related field: Develop desirable work habits, become a productive, responsible individual, and extend education experience with on the job training. Course study under this section may be repeated three times for a maximum of 16 units for occupational or a combination of general and occupational work experience education (including Regular and Alternate Plan and General/Occupational/Apprentice Work Experience). | M18 |

Catalog Supplement 2017-2018

## COURSE CHANGES

| DEPT/NO. | CHANGE COURSE FROM: | CHANGE COURSE TO: | EFF TERM |
| :---: | :---: | :---: | :---: |
| CIS 20 | Prerequisite(s): <br> None <br> Recommended Preparation: <br> CIS 3, 6, 12, or 26 | Prerequisite(s): <br> CIS 6, 25 , or 36 A <br> Recommended Preparation: <br> None | F17 |
| COSM 225 | Course Description: <br> Intermediate level facial and skin care: Disinfection sanitation, public health, safety precautions, tools and equipment, skin care cosmetics, draping and client protection, skin analysis, terminology and definitions, skin cleansing, massage, plain facials, eyebrow arching, packs and masks, daytime make-up, lash and brow tinting, hair removal, false lashes, evening and corrective make-up, electrical facials. | Course Description: <br> Intermediate level facial and skin care: Disinfection sanitation; public health; safety precautions; tools and equipment; skin care cosmetics; skin analysis; terminology and definitions; eyebrow wax; packs and masks; false lashes; evening make-up; electrical facials. | S18 |
| $\begin{aligned} & \text { CULIN } \\ & 203 \end{aligned}$ | Prerequisite(s): <br> CULIN 204, 215, 216, 219 <br> Recommended Preparation: <br> ESL 203A or 208A or ENGL 268A <br> Course Description: <br> Fundamental theories, techniques, processes and methods in baking and pastry production: Basic principles, including history of the industry, identification of equipment and ingredients, weights and measurements, safety and sanitation, basic formulas and production. | Prerequisite(s): <br> None <br> Recommended Preparation: <br> Food Handler's Card <br> ESOL 527A <br> Course Description: <br> Introduction to baking theory and practice: <br> Organization of work and production; classical to modern techniques for cakes, pies, tarts, scones, and cookie making methods. T.B clearance required. | M18 |

## Catalog Supplement 2017-2018

## COURSE CHANGES

| DEPT/NO. | CHANGE COURSE FROM: | CHANGE COURSE TO: | EFF TERM |
| :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { CULIN } \\ & 204 \end{aligned}$ | Prerequisite(s): <br> CULIN 203, 215, 216, 219 <br> Recommended Preparation: <br> ESL 203A or 208A or ENGL 268A <br> Course Description: <br> Introduction to baking theory and practice: Organization of work and production; classical to modern techniques for cakes, pies, tarts and cookie making methods. | Prerequisite(s): <br> None <br> Recommended Preparation: <br> ENGL 1A or ESOL 52A; CULIN 215 <br> Course Description: <br> Introduction to baking theory and practice: <br> Organization of work and production; classical to modern techniques for cakes, pies, tarts, scones, and cookie making methods. T.B clearance required. | M18 |
| $\begin{aligned} & \text { CULIN } \\ & 212 \end{aligned}$ | Corequisite(s): <br> CULIN 214, 215, 216, 217, 218, 219 <br> Recommended Preparation: <br> None | Corequisite(s): <br> None <br> Recommended Preparation: <br> Food Handler's Card <br> ENGL 1A or ESOL 52A | M18 |
| $\begin{aligned} & \text { CULIN } \\ & 214 \end{aligned}$ | Corequisite(s): <br> CULIN 212, 215, 216, 217, 218, 219 <br> Recommended Preparation: <br> None | Corequisite(s): <br> None <br> Recommended Preparation: <br> ENGL 1A or ESOL 52A | M18 |
| $\begin{aligned} & \text { CULIN } \\ & 215 \end{aligned}$ | Corequisite(s): <br> CULIN 212, 214, 216, 217, 218, 219 | Corequisite(s): <br> None | M18 |
| $\begin{aligned} & \hline \text { CULIN } \\ & 216 \end{aligned}$ | Corequisite(s): <br> CULIN 212, 214, 215, 217, 218, 219 | Corequisite(s): <br> None | M18 |
| $\begin{aligned} & \hline \text { CULIN } \\ & 217 \end{aligned}$ | Corequisite(s): <br> CULIN 212, 214, 215, 216, 218, 219 <br> Recommended Preparation: <br> None | Corequisite(s): <br> None <br> Recommended Preparation: <br> CULIN 215 | M18 |

## COURSE CHANGES

| DEPT/NO. | CHANGE COURSE FROM: | CHANGE COURSE TO: | EFF TERM |
| :--- | :--- | :--- | :---: |
| $\mathbf{2 1 8}$ | Corequisite(s): <br> CULIN 212, 214, 215, 216, 217, 219 <br> Recommended Preparation: <br> None <br> Course Description: <br> Introduction to the tools and products <br> of food production: Storage, and <br> handling and processing of food. | None <br> Recommended Preparation: <br> ENGL 1A or ESOL 52A <br> Development and standardization of food production: <br> Techniques in relation to planning and quality. T.B <br> clearance required. | M18 |
| CULIN | Corequisite(s): <br> CULIN 212, 214, 215, 216, 217, 218 | Corequisite(s): <br> None |  |
| E/ET 203 | Recommended Preparation: <br> E/ET 204 | Recommended Preparation: <br> None | M18 |
| E/ET 207B | Recommended Preparation: <br> E/ET 217 or 218 | Recommended Preparation: <br> E/ET 207A or 217 | S18 |
| E/ET 218 | Prerequisite(s): <br> None | Prerequisite(s): <br> E/ET 203 | M18 |
| Recommended Preparation: <br> E/ET 203 | Recommended Preparation: <br> E/ET 217 | M18 |  |

Catalog Supplement 2017-2018

## COURSE CHANGES

| DEPT/NO. | CHANGE COURSE FROM: | CHANGE COURSE TO: | EFF TERM |
| :---: | :---: | :---: | :---: |
| ECT 11 | Course Description: <br> Introduction to fundamentals of electricity and electronics as applied to HVAC\&R operations: Ohm's law, power and electrical instruments, basic electrical AC and DC circuits, electrical and mechanical devices, and electrical and electronic controls. | Course Description: <br> Introduction to fundamentals of electricity and electronics as applied to HVAC\&R operations: Basic theory; tools and instrumentation; basic electrical AC and DC circuits; electrical and mechanical devices; and electrical, electronic and pneumatic controls. | S18 |
| ECT 17 | Course Description: <br> Troubleshooting heating and air conditioning equipment: Components and accessories and their relation to the functions of residential and light commercial heating and air conditioning; practical instruction on electrical diagrams, sequence of operation, service diagnosis procedures, and maintenance; special emphasis on safety procedures. | Course Description: <br> Troubleshooting residential and light commercial heating and air conditioning equipment: Controls and devices, electrical diagrams, sequence of operation, service diagnosis procedures, maintenance and repair and special emphasis on different types of ignition systems and safety. | M18 |
| ECT 18 | Prerequisite(s): <br> None <br> Recommended Preparation: <br> ECT 16 <br> Course Description: <br> Introduction to practical applications of residential and light commercial HVAC systems: Proper procedures for sizing and installing electrical and mechanical devices, HVAC equipment, Title 24 requirements, ventilation, filtration, flue pipes, (flex, square and rigid duct pipes). | Prerequisite(s): <br> ECT 16 <br> Recommended Preparation: <br> None <br> Course Description: <br> Introduction to practical applications on residential and light commercial HVAC systems: Proper procedures for sizing and installing electrical and mechanical devices, HVAC equipment, Title 24 requirements, ventilation, filtration, flue pipes, (flex, square and rigid duct pipes). | M18 |

Laney College
Catalog Supplement 2017-2018

## COURSE CHANGES

| DEPT/NO. | CHANGE COURSE FROM: | CHANGE COURSE TO: | EFF TERM |
| :--- | :--- | :--- | :---: |
| ECT 19 | Course Description: <br> Analysis of the physical properties of air <br> in Refrigeration and Air Conditioning; <br> Use of proper analytical instruments <br> and manual load calculation and <br> software for calculating cooling and <br> heating loads. | Course Description: <br> Analysis of physical properties of air in refrigeration <br> and air conditioning; Use of proper analytical <br> instruments, manual load calculation and software for <br> calculating cooling and heating loads. | M18 |
| ECT 22 | Prerequisite(s): <br> None <br> Recommended Preparation: <br> ECT 16 | Prerequisite(s): <br> ECT 16 or Students who have been working in the field <br> for more than 2 years |  |
| Course Description: <br> Introduction to the physical properties, <br> interactive components, and methods <br> for operating and controlling <br> commercial HVAC systems: <br> Thermodynamic principles of pressure, <br> specific heat, specific volume, density <br> and enthalpy; hydronic systems <br> including boilers, chillers, cooling <br> towers, water pumps, ventilation, <br> filtration, air distribution, controls and <br> instruments. | None | Course Description: <br> Introduction to physical properties, interactive <br> components, and methods for operating and controlling <br> commercial HVAC systems: Thermodynamic principles <br> of pressure, specific heat, specific volume, density and <br> enthalpy; hydronic systems including boilers, chillers, <br> cooling towers, water pumps; ventilation, filtration, air <br> distribution; controls and instruments. | M18 |

## COURSE CHANGES

| DEPT/NO. | CHANGE COURSE FROM: | CHANGE COURSE TO: | EFF TERM |
| :---: | :---: | :---: | :---: |
| ECT 40 | Course Description: <br> The installation and use of common digital control system networks is presented: Practices of the instillation of some of the standard such as, MS/TP, ARCNET, LONWORKS, Ethernet networks, etc. will be discussed. This will also include discussion of the benefits of each type of network and diagnosis of common network problems. | Course Description: <br> Introduction to global and local communication networks: Standard protocols such as, BACNet, MS/TP, ARCNET, LONWORKS, and Ethernet will be discussed and the benefits of each type of network and diagnosis of common network problems. | M18 |
| ECT 214 | Recommended Preparation: <br> MATH 201 or 210D or 200B | Recommended Preparation: <br> MATH 201 or 210D | S18 |
| $\begin{aligned} & \text { GRART } \\ & 113 \end{aligned}$ | Grading: <br> GR <br> Prerequisite(s) or Corequisite(s): <br> GRART 131 or 132 <br> Recommended Preparation: <br> GRART 230 | Grading: <br> GR or P/NP <br> Corequisite(s): <br> GRART 32 <br> Recommended Preparation: <br> None | S18 |
| $\begin{aligned} & \text { GRART } \\ & 200 \end{aligned}$ | Units: <br> 1-2 <br> Hours: <br> 3.00-6.00 Lab <br> Prerequisite(s): <br> GRART 132 <br> Course Description: <br> Open laboratory for working on selected projects: Provides opportunities for development of advanced and/or individual skills in graphic arts. | Units: 1-5 <br> Hours: 3.00-15.00 Lab <br> Prerequisite(s): <br> None <br> Course Description: <br> Open laboratory: upgrading of specific graphic art skills and selected graphic art projects. | M18 |

Catalog Supplement 2017-2018

## COURSE CHANGES

| DEPT/NO. | CHANGE COURSE FROM: | CHANGE COURSE TO: | EFF TERM |
| :--- | :--- | :--- | :--- |
| JOURN | Grading: <br> GR | Grading: <br> Prerequisite(s): <br> JOURN 21 | Prerequisite(s): <br> None |
| Recommended Preparation: <br> None | Recommended Preparation <br> JOURN 21 | S18 |  |
| 205 | Course Description: <br> Interpretation of engineering drawings <br> and specifications for machinists, <br> welders, and industrial maintenance <br> technicians: Explanation of the rules, <br> symbols, and relationships covered in <br> blueprints, assembly drawings and <br> weldments. Emphasis on ANSI/ASME Y Y <br> 14.5 Geometric Dimensioning and <br> Tolerancing (GD\&T) Standards and use <br> of Coordinate Measuring Machine <br> (CMM) for inspection of GD\&T <br> specifications. | Interpretation of engineering drawings and <br> specifications for machinists, welders, and industrial <br> maintenance technicians: Explanation of rules, symbols, <br> and relationships in blueprints, assembly drawings and <br> weldments; ANSI/ASME Y 14.5 Geometric <br> Dimensioning and Tolerancing (GD\&T) Standards, use <br> of GD\& specifications. | M18 |

Catalog Supplement 2017-2018

## COURSE CHANGES

| DEPT/NO. | CHANGE COURSE FROM: | CHANGE COURSE TO: | EFF TERM |
| :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { MATH } \\ & \text { 210B } \end{aligned}$ | Course Description: <br> Elementary Algebra Lab B: Applications utilizing first-degree equations, the four basic operations with polynomials, integral exponents, factoring. | Course Description: <br> Elementary Algebra Lab B: Applications utilizing firstdegree equations, the four basic operations with polynomials, integral exponents, factoring. | M18 |
| MATH <br> 210C | Course Description: <br> Elementary Algebra Lab C: Algebraic fractions, graphs of linear equations, solutions of linear systems. | Course Description: <br> Continuation of MATH 210B: Polynomials. Properties of exponents, scientific notation, 4 basic operations with polynomials, multivariable polynomials, factoring (trinomials, perfect square trinomials, difference of squares, sum and difference of cubes), solving polynomial equations by factoring. Not open for credit to students who have completed or are currently enrolled in MATH 201. Sequentially aligned to MATH 210 A, 210B, 210C, and 210D | M18 |
| $\begin{aligned} & \text { MATH } \\ & \text { 210D } \end{aligned}$ | Course Description: <br> Elementary Algebra Lab D: Solutions of first-degree inequalities, graphs of linear inequalities in two variables, radical expressions, solutions to quadratic equations. | Course Description: <br> Continuation of MATH 210C: Rational Functions. Four basic operations with rational expressions, complex rational expressions, solving rational equations and applications. Not open for credit to students who have completed or are currently enrolled in MATH 201. Sequentially aligned to MATH 210 A, 210B, 210C, and 210D | M18 |
| MATH 211A | Course Description: <br> Intermediate Algebra Lab A: Real number properties and operations, absolute value equations, solutions and graphs of linear equations in one and two variables, various equations of lines. | Course Description: <br> Intermediate Algebra Lab: Introduction to functions, domain and range, graphs of functions, operations with functions, formulas, applications of functions, variation, systems of equations in two variables, solving systems by substitution and elimination, applications involving systems of two equations, systems of equations in three variables. Not open for credit to students who have completed or are currently enrolled in MATH 203. Sequentially aligned to MATH 211 A, 211B, 211C, and 211D | M18 |

Laney College
Catalog Supplement 2017-2018

## COURSE CHANGES

| DEPT/NO. | CHANGE COURSE FROM: | CHANGE COURSE TO: | EFF TERM |
| :--- | :--- | :--- | :--- |
| MATH | Course Description: <br> 211B | Intermediate Algebra Lab B: Polynomial <br> operations and advanced factoring, <br> rational expressions and equations, <br> exponents and radicals, complex <br> numbers. | Course Description: <br> Continuation of MATH 211A: Solving inequalities and <br> finding their domain, intersections, unions, compound <br> inequalities, absolute-value equations and inequalities, <br> inequalities in two variables, radical expressions and <br> functions, rational numbers as exponents, operations <br> involving radical expressions, solving radical equations, <br> distance and midpoint formulas and other applications, <br> complex numbers. Not open for credit for students who <br> have completed or are currently enrolled MATH 203. <br> Sequentially aligned to MATH 211 A, 211B, 211C, and <br> 211D |

Catalog Supplement 2017-2018

## COURSE CHANGES

| DEPT/NO. | CHANGE COURSE FROM: | CHANGE COURSE TO: | EFF TERM |
| :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { MEDIA } \\ & 104 \end{aligned}$ | Recommended Preparation: <br> MEDIA 115 <br> Course Description: <br> Introduction to single camera digital video production techniques and terms: <br> Camerawork; audio; scriptwriting; <br> lighting; graphics; editing skills; producing and directing video programs; creative and safe operation of digital video equipment. | Recommended Preparation: <br> None <br> Course Description: <br> Introduction to single camera digital video production techniques and terms: Camerawork; audio; scriptwriting; lighting; graphics; basic editing skills; producing and directing video programs; creative and safe operation of digital video equipment. | S18 |
| $\begin{aligned} & \text { MEDIA } \\ & 108 \end{aligned}$ | Credit by Exam: <br> None | Credit by Exam: Eligible | S18 |
| $\begin{aligned} & \text { M/LAT } \\ & \text { 30B } \end{aligned}$ | Course Description: <br> Critical examination of cinema from throughout Latin America and Spain that relate to Latino cultural experiences, and especially those films that educate viewers about Latino encounters with majority and minority cultures within Latin America. | Course Description: <br> Critical examination of cinema from throughout Latin America and Spain that relate to Latino cultural experiences: Emphasis on those films that educate viewers about Latino encounters with majority and minority cultures within Latin America. | S18 |
| POSCI 6 | Grading: GR | Grading: <br> GR or P/NP | S18 |
| SPAN 1A | Credit by Exam: Eligible | Credit by Exam: None | M18 |
| SPAN 1B | Credit by Exam: Eligible | Credit by Exam: None | M18 |
| SPAN 22A | Prerequisite(s): <br> SPAN 1B <br> Course Description: <br> Elementary and intermediate Spanish for students whose native language is | Prerequisite(s): <br> Spanish native speaker proficiency or the equivalent intermediate level | S18 |

Catalog Supplement 2017-20I8

|  | Spanish. Critical reading and | Course Description: |
| :--- | :--- | :--- | :--- |
| discussion of selected readings in |  |  |
| Spanish with emphasis on reading |  |  |
| development, orthography, grammar, |  |  |
| lexical expansion and composition. |  |  |$\quad$| Elementary and intermediate Spanish for students |
| :--- |
| whose native language is Spanish: Critical reading and |
| discussion of selected readings in Spanish with |
| emphasis on reading development, spelling |
| (orthography), grammar, lexical expansion, and |
| composition. |$\quad . \quad$.

$\square$
Laney College

## COURSE CORRECTIONS

| DEPT/NO. | CHANGE COURSE FROM: | CHANGE COURSE TO: |
| :---: | :---: | :---: |
| BUS 456C | Course Notes: <br> Also offered as COPED 456A <br> Top Code: <br> 0502.00 | Course Notes: <br> None <br> Top Code: <br> 0504.00 |
| BUS 456D | Course Notes: <br> Also offered as COPED 456D <br> Top Code: <br> 0506.00 | Course Notes: <br> None <br> Top Code: <br> 0505.00 |
| BUS 456J | Course Notes: <br> Also offered as COPED 456J <br> Top Code: <br> 0506.30 | Course Notes: <br> None <br> Top Code: <br> 0509.00 |
| AFRAM 32 | Missing | African American History 1945 to the Present <br> 3-4 units, 3-4 hours lecture (GR) <br> Prerequisite(s): Oral fluency in at least one Acceptable for credit: CSU/UC <br> Survey of the experience of African American people in the United States from 1945 to the present: Emphasis on the Civil Rights movement and other contemporary issues. <br> 2203.00 |
| ESL 52A | Prerequisite(s): <br> ESL 233B or placement by Peralta Multiple Measures Assessment | Prerequisite(s): <br> ESL 223B or placement by Peralta Multiple Measures Assessment |
| MEDIA 180 | Course Notes: <br> None | Course Notes: <br> Not open for credit to students who have completed or are currently enrolled in PHOTO 180 |

Laney College

## Catalog Supplement 2017-2018

| COURSE CORRECTIONS |  |  |
| :--- | :--- | :--- |
| DEPT/NO. | CHANGE COURSE FROM: | CHANGE COURSE TO: |
| WELD <br> 203A | Course Title: <br> Beginning Gas Tungsten Arc Welding <br> (T.I.G.) | Course Title: <br> Beginning Gas Tungsten Arc Welding (TIG) |
| WELD 203B | Course Title: <br> Intermediate Gas Tungsten Arc Welding <br> (T.I.G.) | Course Title: <br> Intermediate Gas Tungsten Arc Welding (TIG) |



Laney College
Catalog Supplement 2017-2018

## COURSE DEACTIVATIONS

| DEPT/NO. | COURSE TITLE | EFF TERM |
| :--- | :--- | :---: |
| ARCH 110 | Introduction to 3D Modeling and Rendering | M18 |
| BUS 40A | Introduction to Microsoft Access for Business Applications | M18 |
| CIS 40 | Database Management | M18 |
| COPED 456C | Occ. Work experience in banking and finance | M18 |
| COPED 456H | Occ. Work experience in labor studies | M18 |
| COPED 466H | Occ. Work experience in construction management | M18 |
| COPED 466N | Occ. Work experience in wood technology | M18 |
| COPED 468A | Occ. Work experience in photography | M18 |
| COPED 472B | Occ. Work experience in culinary arts/baking | M18 |
| COPED 472C | Occ. Work experience in culinary arts/cooking | M18 |
| CULIN 222 | Banquet \& Institutional Serving \& Cooking Techniques | M18 |

Catalog Supplement 2017-2018

| C-ID COURSES: ACTIVE (AS OF 1/22/18) |  |
| :---: | :---: |
| COURSES | C-ID DESCRIPTORS |
| AFRAM 35: Women of Color | SJS 120 |
| ANTHR 1: Introduction to Physical Anthropology | ANTH 110 |
| ANTHR 1L: Physical Anthropology Lab | ANTH 115L |
| ANTHR 2: Introduction to Archaeology and Prehistory | ANTH 150 |
| ANTHR 3: Introduction to Social and Cultural Anthropology | ANTH 120 |
| ART 2: History of Western Art: Prehistoric Through the Middle Ages | ARTH 110 |
| ART 3: History of Western Art: Renaissance to Contemporary Art | ARTH 120 |
| ART 4: History of Modern Art (1800 to Present) | ARTH 150 |
| ART 5: History of Asian Art (Past to Present) | ARTH 130 |
| ART 20: Beginning Drawing and Composition | ARTS 110 |
| ART 22: Intermediate Drawing and Composition | ARTS 205 |
| ART 40: Color Dynamics: The Interaction of Color | ARTS 270 |
| ART 46: 2-D Visual Design | ARTS 100 |
| ART 47: 3-D Visual Design | ARTS 101 |
| ART 50: Beginning Painting | ARTS 210 |
| ART 137: Beginning Figure Drawing and Composition | ARTS 200 |
| ASAME 35: Women of Color | SJS 120 |
| BIOL 1A: General Biology | BIOL 190 |
| BIOL 1B: General Biology | BIOL 140 |
| BIOL 1A +BIOL 1B: General Biology | BIOL 135S |
| BIOL 2: Human Anatomy | BIOL 110B |
| BIOL 4: Human Physiology | BIOL 120B |
| BIOL 20A+20B: Human Anatomy and Physiology | BIOL 115S |
| BIOL 27 (same as PSYCH 12): Human Sexuality | PSY 130 |
| BIOL 72A + 72D: Biotech Instrumentation: Good Manufacturing Practices and Safe Chemical Handling + Biotech Instrumentation: Protein Purification and Quality Control | BIOT 220 X |
| BIOL 73: Cell Culture Principles and Techniques | BIOT 230 X |
| BIOL 77: Business and Regulatory Practices in Biomanufacturing | BIOT 210 X |
| BUS 1A: Financial Accounting | ACCT 110 |
| BUS 1B: Managerial Accounting | ACCT 120 |
| BUS 2: Introduction to Business Law | BUS 125 |
| BUS 10: Introduction to Business | BUS 110 |
| CHEM 1A: General Chemistry | CHEM 110 |

Catalog Supplement 2017-2018

## C-ID COURSES: ACTIVE (AS OF 1/22/18)

| COURSES | C-ID DESCRIPTORS |
| :---: | :---: |
| CHEM 1A+1B: General Chemistry | CHEM 120S |
| CHEM 12A: Organic Chemistry | CHEM 150 |
| CHEM 12A+12B: Organic Chemistry | CHEM 160S |
| CHEM 25: The Chemistry of Energy and Environmental Issues | CHEM 100 |
| CHEM 30A: Introductory General Chemistry | CHEM 101 |
| CHEM 30B: Introductory Organic and Biochemistry | CHEM 102 |
| COMM 2A: The Fundamentals of Oral Interpretation of Literature | COMM 170 |
| COMM 19 (same as JOURN 62): Survey of Mass Media | JOUR 100 |
| COMM 20: Interpersonal Communication | COMM 130 |
| COMM 44: Argumentation | COMM 120 |
| COMM 45: Public Speaking | COMM 110 |
| CIS 1: Introduction to Computer Information Systems | BUS 140 and ITIS 120 |
| CIS 61: Structure and Interpretation of Computer Programs | COMP 112 |
| CIS 62: Introduction to Systems Analysis and Design | ITIS 140 |
| ECON 1: Principles of Economics (Macro-Economics) | ECON 202 |
| ECON 2: Principles of Economics (Micro-Economics) | ECON 201 |
| ENGL 1A: Composition and Reading | ENGL 100 |
| ENGL 1B: Composition and Reading | ENGL 120 |
| ENGL 5: Critical Thinking in Reading | ENGL 105 |
| ENGL 10A: Creative Writing | ENGL 200 |
| ENGL 30A: Introduction to American Literature | ENGL 130 |
| ENGL 30B: Introduction to American Literature | ENGL 135 |
| GEOG 1: Physical Geography | GEOG 110 |
| GEOG 1L: Physical Geography Laboratory | GEOG 111 |
| GEOG 2: Cultural Geography | GEOG 120 |
| GEOG 3: World Regional Geography | GEOG 125 |
| HIST 2A: History of European Civilization | HIST 170 |
| HIST 2B: History of European Civilization | HIST 180 |
| HIST 3A: World History to 1500 | HIST 150 |
| HIST 3B: Modern World History: 1500 - Present | HIST 160 |
| HIST 7A: History of the United States to 1877 | HIST 130 |
| HIST 7B: History of the United States Since 1865 | HIST 140 |
| HUMAN 30A: Human Values/Ethics | PHIL 120 |

## Laney College

Catalog Supplement 2017-2018

## C-ID COURSES: ACTIVE (AS OF 1/22/18)

| COURSES | C-ID DESCRIPTORS |
| :--- | :--- |
| JOURN 18A: Newspaper Production I | JOUR 130 |
| JOURN 18B: Newspaper Production II | JOUR 131 |
| JOURN 21: Newswriting | JOUR 100 |
| JOURN 62 (same as COMM 19): Survey of Mass Media | KIN 100 |
| KIN 150: Introduction to Kinesiology | MATH 210 |
| MATH 3A: Calculus I | MATH 220 |
| MATH 3B: Calculus II | MATH 900S |
| MATH 3A+3B: Calculus I + II | MATH 230 |
| MATH 3C: Calculus III | MATH 250 |
| MATH 3E: Linear Algebra | MATH 240 |
| MATH 3F: Differential Equations | MATH 160 |
| MATH 11: Discrete Mathematics | MATH 110 |
| MATH 13: Introduction to Statistics | MATH 140 |
| MATH 16A: Calculus for Business and the Life and Social Sciences | SJS 120 |
| M/LAT 35: Women of Color | MUS 110 |
| MUSIC 100: Music Fundamentals and Culture | MUS 120 |
| MUSIC 101: Music Theory and Culture I | MUS 130 |
| MUSIC 102: Music Theory and Culture II | MUS 140 |
| MUSIC 103: Music Theory and Culture III | MUS 150 |
| MUSIC 104: Music Theory and Culture IV | MUS 160 |
| MUSIC <br> 105: Classic Guitar I <br> 106: Classic Guitar II <br> 107: Classic Guitar III <br> 108: Classic Guitar IV <br> 109: Beginning Winds I <br> 110: Beginning Winds II <br> 111: Beginning Winds III <br> 112: Beginning Winds IV <br> 117: Voice I <br> 118: Voice II <br> 119: Voice III <br> 120: Voice IV <br> 150: Applied Music |  |

C-ID COURSES: ACTIVE (AS OF 1/22/18)

| COURSES | C-ID DESCRIPTORS |
| :--- | :--- |
| MUSIC 121: Music Skills I | MUS 135 |
| MUSIC 122: Music Skills II | MUS 145 |
| MUSIC 123: Music Skills III | MUS 155 |
| MUSIC 124: Music Skills IV | MUS 180 |
| MUSIC <br> 125: Chorus <br> 126: Jazz Orchestra <br> 127: Jazz Combos <br> 128: Choral Repertoire <br> 129: Jazz Orchestra Repertoire <br> 142: Instrumental Ensemble <br> 143: String Ensemble <br> 144: Intermediate Jazz Combos <br> 145: Advanced Jazz Combos <br> 146: Advanced Choral Repertoire |  |
| NATAM 35: Women of Color |  |
| PHIL 1: Introduction to Philosophy |  |
| PHIL 10: Logic | PJS |
| PHIL 20A: History of Ancient Greek Philosophy |  |
| PHIL 20B: History of Modern European Philosophy | PHIL 100 |
| PHOTO 20: Photojournalism I | PHIL 110 |
| PHYS 3A: General Physics | PHIL 140 |
| PHYS 3B: General Physics | JOURN 160 |
| PHYS 3A+3B: General Physics | PHYS 105 |
| PHYS 4A: General Physics with Calculus | PHYS 110 |
| PHYS 4B: General Physics with Calculus | PHYS 100S |
| PHYS 4C: General Physics with Calculus | PHYS 205 |
| PHYS 4A+4B+4C: General Physics with Calculus | PHYS 210 |
| POSCI 1: Government and Politics in the United States | PHYS 215 |
| POSCI 2: Comparative Government | PHYS 2005 |
| POSCI 3: International Relations | PSY 110 140 |
| POSCI 4: Political Theory | PSY 130 120 |
| PSYCH 1A: Introduction to General Psychology |  |
| PSYCH 6: Social Psychology |  |
| PSYCH 12 (same as BIOL 27): Human Sexuality |  |


| C-ID COURSES |  |
| :--- | :--- |
| COURSES | PSY 180 |
| PSYCH 21: Lifespan Human Development | PSY 120 |
| PSYCH 24: Abnormal Psychology | PSY 200 |
| PSYCH 28: Introduction to Research Methods in Psychology | SOCI 110 |
| SOC 1: Introduction to Sociology | SOCI 115 |
| SOC 2: Social Problems | SOCI 150 |
| SOC 5: Minority Groups | SOCI 130 |
| SOC 13: Sociology of the Family | SOCI 120 |
| SOC 120: Introduction to Research Methods | THTR 111 |
| THART 2: Introduction to the Theatre Arts | THTR 114 |
| THART 20: Script Analysis | THTR 151 |
| THART 21: Acting I | THTR 152 |
| THART 22: Acting II | THTR 191 |
| THART 31: Rehearsal and Production I | THTR 171 |
| THART 40: Stagecraft | THTR 173 |
| THART 41: Introduction to Stage Lighting |  |

## Catalog Supplement 2017-2018

## PROGRAM ADDITIONS

## Computer Information Systems (CIS)

## Database Management with SQL Certificate of Achievement (CA CIS)

The certificate in Database Management with SQL prepares students for careers as Database Administrators, or as software developers with skills in database programming. The program provides the analytical, methodological, and language skills required within the computer industry, and serves as a partial foundation for continued education at fouryear institutions. It provides a "merit badge" certification of a skill set needed in a vital career field. See a counselor for more information.

## Career Opportunities in:

Virtually every computer programming shop requires database expertise. This Certificate provides a highly desirable skill for the computer programmer, or can be the basis for employment as Database Administrator (DBA).

## Core Courses (13 units):

CIS 6 Introduction to Computer Programming

CIS 61 Structure and Interpretation of Computer Programs* 5
CIS 98 Database Programming with SQL 4
CIS 99 Database Administration with SQL 4

Choose one course from the following (3-4 units):

## Units

BUS 1A Financial Accounting 4
BUS 5 Human Relations in Business 3
BUS 20 General Accounting 3
BUS 24 Computerized Accounting Principles 3
CIS 20 Microcomputer Assembly Language 4
CIS 25 Object Oriented Programming Using C++ 4
CIS 25B C++ Programming Language II 4
CIS 27 Data Structures and Algorithms 4
CIS 36A Java Programming Language I 4
CIS 36B Java Programming Language II 4
CIS 62 Introduction to Systems Analysis and Design 3
CIS 81 Systems Analysis with UML 3
ECON 2 Principles of Economics (Micro-Economics) 3
MATH 11 Discrete Mathematics 4
MATH 13 Introduction to Statistics 4

Total Major Units:

Laney College

## Catalog Supplement 2017-2018

## PROGRAM ADDITIONS

*If transferring, CIS 61 is the preferred course, consult with a counselor for more information.

Program Learning Outcomes for Database Management with SQL CA
Upon successful completion of this program, students will be able to:

- Develop Data Models such as Class Diagrams or Entity Relationship Diagrams (ERDs) from business processes to support database analysis and design
- Create and modify a database and its tables using Structured Query Language's Data Definition Language (SQL-DDL) features.
- Write programs that store and modify data in database tables using Structured Query Language's Data Manipulation Language (SQL-DML) features.

Laney College
Catalog Supplement 2017-2018

## PROGRAM ADDITIONS

## English

## Associate in Arts Degree in English for Transfer (AA-T ENGL)

Laney College's English AA-T serves students with a wide variety of goals, including transfer to UC, CSU, or other fouryear institutions. Students will learn high-level skills in essay composition and literary analysis. Students who successfully complete the AA-T in English earn specific guarantees for transfer to the CSU system: admission to a CSU with junior status, and priority admission to their local CSU campus and to a program or major in English or a similar major. Students transferring to a CSU campus will be required to complete no more than 60 units after transfer to earn a bachelor's degree. Students are required to complete 60 semester units that are eligible for transfer to a California State University, including both of the following: (1) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education - Breadth Requirements and (2) 21 semester units with a grade of $C$ or better in the major and an overall minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. For more information on the AA-T degree, consult with a Laney College counselor.

## Career Opportunities in:

English majors go into a variety fields including law, education, publishing, business, government, media relations, entertainment, counseling, journalism, technical writing, nonprofit development and fundraising, museums, and many more.

## Core Courses (7 units):

ENGL 1B Composition and Reading
ENGL $5 \quad$ Critical Thinking in Reading and Writing

List A: Choose two of the following ( 6 units):
ENGL 30A Introduction to American Literature
ENGL 30B Introduction to American Literature

List B: Choose one of the following (3-4 units):
ENGL 1A Composition and Reading
ENGL 10A Creative Writing

List C: Choose one of the following (3 units):
ENGL 10A Creative Writing
ENGL 17A Shakespeare
ENGL 17B Shakespeare
ENGL 31 Survey of African-American Literature
ENGL 43 Introduction to the Study of Poetry
2A The Fundamentals of Oral Interpretation of Literature
COMM

## Units

4 3

## Units

3
3

## Units

4

## 3

## Units

## 3

3333Laney College

## Catalog Supplement 2017-2018

## PROGRAM ADDITIONS

| JOURN | 21 | Newswriting |
| :--- | :--- | :--- |
| M/LAT | 36 | Survey of Latina/o Literature |
| THART | 2 | Introduction to the Theatre Arts |
|  |  | 3 |
| Total Major Units: |  |  |
|  |  |  |
| IGETC or CSU GE-Breadth Education Pattern | $\mathbf{1 9 - 2 0}$ |  |

CSU Transferrable General Elective Courses to meet 60 units
Total Units:
60

## Program Learning Outcomes for English AA-T Degree

Upon successful completion of this program, students will be able to:

- Apply techniques of close textual reading, analysis, and interpretation of a variety of literary genres in their social, cultural, historical, and political contexts.
- Develop individual perspectives in essays that demonstrate critical thinking, logical organization, and command of voice and style.
- Conduct inquiry into historical and contemporary discourse, in order to respond to and influence contemporary discourse, one's self, and the world.


## Catalog Supplement 2017-2018

## PROGRAM ADDITIONS

## Social Sciences

## Associate in Arts Degree in Global Studies for Transfer (AA-T SOCSC)

The Global Studies program emphasizes an interdisciplinary approach to the study of globalization and contemporary global issues. Students will study the interactions between states, societies, and cultures and will analyze the historical origins of these interactions. Through this program students will develop a deeper understanding of the interconnectedness of global and local events that shape the world we live in. Students will critically evaluate global changes and their consequences and will learn how to apply their knowledge to become agents of change. Courses throughout the program will highlight and feature topics related to social and environmental justice in particular, and more broadly to the advances and challenges posed by globalization.

The Associate in Arts in Global Studies for Transfer Degree is designed to prepare students for a seamless transfer with junior status and priority admission to a local CSU campus to a program or major in Global Studies or similar major for completion of a baccalaureate degree. Students are required to complete: A minimum of 18 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. The Associate Arts in Global Studies for Transfer Degree will also assist Global Studies major students to transfer to a U.C. or other baccalaureate institutions. Students are advised to consult with a counselor to verify transfer requirements.

## Career Opportunities in:

Students completing the program will have career opportunities in the following fields: education (particularly with regards to international/global politics); working within government agencies and international organizations that focus on global issues; working within the non-profit sector or with a humanitarian organization; international law and business, advocacy and civic engagement work.

## Core Courses ( 6 units):

SOCSC 19 Introduction to Global Studies
SOCSC 20 Global Issues

## List A: (min 15 units):

Select five courses (total) from at least four of the following areas:

| Culture and Society (choose at least one from the following): | Units |  |
| :--- | :--- | :--- |
| ANTHR 3 | Introduction to Social and Cultural Anthropology | 3 |
| HIST | 3B | Modern World History: 1500 -Present |

Geography (choose at least one from the following):
GEOG 1 Physical Geography

## Units

3 3

## Catalog Supplement 2017-2018

## PROGRAM ADDITIONS

GEOG 2 Cultural Geography ..... 3
GEOG 3 World Regional Geography ..... 3
Economics (choose at least one from the following): Units
ECON 1 Principles of Economics (Macro-Economics) ..... 3
ECON 2 Principles of Economics (Micro-Economics) ..... 3
Politics (choose at least one from the following):POSCI 2 Comparative Government3
POSCI 3 International Relations ..... 3
Total Major Units: ..... 21
IGETC or CSU GE-Breadth Education Pattern ..... 37-39
CSU Transferrable General Elective Courses to meet 60 unitsTotal Units:60
Program Learning Outcomes for Global Studies AA-T DegreeUpon successful completion of this program, students will be able to:

- Demonstrate knowledge of theories and concepts within global studies and the ability communicate them with accuracy, clarity and cultural sensitivity.
- Develop an interdisciplinary training and ability to synthesize information.
- Investigate and analyze global events.
- Design a plan for social activism and civic engagement regarding a global issue.


## Catalog Supplement 2017-2018

## PROGRAM CHANGES

## CHANGE PROGRAM FROM

NOTE: Highlighted courses have been removed from program

## ASAME

Asian and Asian-American Studies Associate of Arts:

Select at least one course from both Group 1 and Group 2. The remainder of the 18 units can be selected from either Group 1 or Group 2.

## Group 1 (min 3 units):

ASAME 32 Asian-American Psychology
ASAME 45A Asian-American History to 1945
ASAME 45B Asian American History From 1945 to the Present

Group 2 (min 3 units):
ASAME 21 Asian-American Communities
ASAME 26 Politics in Modern Asia
ASAME 30 Asians and Asian-Americans Through Films
CHIN 1 Elementary Chinese (Mandarin)
CHIN 2 Elementary Chinese (Mandarin)
(Continuation)
CHIN 3 Immediate Chinese (Mandarin)
CHIN 4 Immediate Chinese (Mandarin)
(Continuation)
JAPAN 50A Conversational Japanese and Culture
JAPAN 50B Conversational Japanese and Culture

TOTAL MAJOR UNITS

CHANGE PROGRAM TO
NOTE: Highlighted courses have been added to program
ASAME
Asian and Asian American Studies Associate of Arts:

Core Curriculum (6 units):
ASAME 45A Asian-American History to 1945
ASAME 35 Women of Color*
or
AFRAM 35 Women of Color
or
M/LAT 35 Women of Color
or
NATAM 35 Women of Color

Arts and Humanities (3 units):
Choose one course from this list
ASAME 10 Asian and Asian American Popular Culture
ASAME 30 Asians and Asian-Americans Through Films
Social Sciences and History ( 6 units):
Choose two course from this list
ASAME 2 Introduction to the Pacific Islander
Experience from 1850 to the Present
ASAME 21 Asian-American Communities
ASAME 32 Asian-American Psychology
ASAME 42 Southeast Asians in the United States
ASAME 45B Asian American History From 1945 to the
Present

## Comparative Courses (3 units):

Choose one course from this list (ETHST 1 recommended)
ETHST 1 Introduction to Ethnic Studies
ETHST 3 Race, Gender and Sports
ETHST 12 Economics and Social Change: Racial
Conflict and Class in America
ETHST 13 Introduction to Community Based Research
in Urban America
ETHST 14 Community Building and Transformation in
Urban America
ETHST 30 Introduction to Race, Gender and Health
ETHST 50 Introduction to Race, Class and Schools
TOTAL MAJOR UNITS

## Laney College

|  |  | * Students may substitute AFRAM 35 OR, M/LAT 35 OR NATAM 35 for the requirement, but ASAME 35 is preferred. |  |
| :---: | :---: | :---: | :---: |
| PROGRAM CHANGES |  |  |  |
| CHANGE PROGRAM FROM <br> NOTE: Highlighted courses have been removed from program |  | CHANGE PROGRAM TO <br> NOTE: Highlighted courses have been added to program |  |
| CIS <br> CIS-Computer Programming Associate of Sciences: <br> Introduction to Computer Science (5 units): <br> CIS 5 Introduction to Computer Science | 5 | CIS <br> CIS-Computer Programming Associate of Sciences: <br> Introduction to Computer Science ( 5 units): <br> CIS 5 Introduction to Computer Science | 5 |
| Introductory Programming (Choose one of the following) (5 units): <br> CIS 6 Introduction to Computer Programming or <br> CIS 61 Structure and Interpretation of Computer Programs | 5 5 | Introductory Programming (Choose one of the following) (5 units): <br> CIS 6 Introduction to Computer Programming or <br> CIS 61 Structure and Interpretation of Computer Programs | 5 5 |
| Programming Fundamentals (Choose one of the following) (4 units): <br> CIS 25 Object Oriented Programming Using C++ or <br> CIS 36A Java Programming Language I | 4 4 | Programming Fundamentals (Choose one of the following) (4 units): <br> CIS 25 Object Oriented Programming Using C++ or CIS 36A Java Programming Language I | 4 |
| Advanced Programming (Choose one of the following) (4 units): <br> CIS 25B C++ Programming Language II |  | Advanced Programming (Choose one of the following) (4 units): | 4 |
| or CIS 36B Java Programming Language II | 4 | CIS 20 Microcomputer Assembly Language or | 4 |
|  | 4 | CIS 25B C++ Programming Language II or <br> CIS 36B Java Programming Language II | 4 |
| Electives (min 7 units): |  |  | 4 |
| BUS 1A Financial Accounting |  | Electives (min 7 units): |  |
| BUS 1B Managerial Accounting | 4 | BUS 1A Financial Accounting |  |
| BUS 5 Human Relations in Business | 4 | BUS 1B Managerial Accounting | 4 |
| BUS 20 General Accounting | 3 | BUS 5 Human Relations in Business | 4 |
| BUS 24 Computerized Accounting Principles | 3 | BUS 20 General Accounting | 3 |
| BUS 40A Introduction to Microsoft Access for Business | 3 | BUS 24 Computerized Accounting Principles | 3 |
| Applications | 4 | CIS 6 Introduction to Computer Programming | 3 |
| CIS 6 Introduction to Computer Programming |  | CIS 20 Microcomputer Assembly Language | 5 |
| CIS 25 Object Oriented Programming Using C++ | 5 | CIS 25 Object Oriented Programming Using C++ | 4 |
| CIS 25B C++ Programming Language II | 4 | CIS 25B C++ Programming Language II | 4 |
| CIS 27 Data Structures and Algorithms | 4 | CIS 27 Data Structures and Algorithms | 4 |

## Laney College



## Catalog Supplement 2017-2018

| CIS 36A Java Programming Language I | 4 | CIS 36A Java Programming Language I | 4 |
| :---: | :---: | :---: | :---: |
|  | 4 | CIS 36B Java Programming Language II | 4 |
| CIS 36B Java Programming Language II | 4 | CIS 61 Structure and Interpretation of Computer | 4 |
|  | 5 | Programs | 5 |
| CIS 61 Structure and Interpretation of Computer |  |  |  |
| Programs | 3 | CIS 62 Introduction to Systems Analysis and Design |  |
| ECON 2 Principles of Economics (Micro-Economics) |  | CIS 81 Systems Analysis with UML | 3 |
| MATH 3A Calculus I | 5 | CIS 98 Database Programming with SQL | 3 |
|  | 4 |  | 4 |
| MATH 11 Discrete Mathematics |  | CIS 99 Database Administration with SQL | 4 |
| MATH 13 Introduction to Statistics | 4 | ECON 2 Principles of Economics (Micro-Economics) |  |
|  | 4 | MATH 3A Calculus I | 3 |
| TOTAL MAJOR UNITS |  | MATH 11 Discrete Mathematics | 5 |
|  | 25 | MATH 13 Introduction to Statistics | 4 |
|  |  |  | 4 |
|  |  | TOTAL MAJOR UNITS |  |
|  |  |  | 25 |
|  | R | CHANGES |  |
| CHANGE PROGRAM FROM |  | CHANGE PROGRAM TO |  |
| NOTE: Highlighted courses have been removed from p |  | NOTE: Highlighted courses have been added to prog |  |
| CIS |  | CIS |  |
| Computer Programming with $\mathrm{C}++$ Certificate of Achievement: |  | Computer Programming with $\mathrm{C}++$ Certificate of Achievement: |  |
| Achievement: |  | Achievement: |  |
| Core Courses (13 units): |  | Core Courses (13 units): |  |
| CIS 6 Introduction to Computer Programming or | 5 | CIS 6 Introduction to Computer Programming or | 5 |
| CIS 61 Structure and Interpretation of Computer |  | CIS 61 Structure and Interpretation of Computer | 5 |
| Programs* | 5 | Programs* |  |
| CIS 25 Object Oriented Programming Using C++ |  | CIS 25 Object Oriented Programming Using C++ | 4 |
| CIS 25B C++ Programming Language II | 4 | CIS 25B C++ Programming Language II | 4 |
|  | 4 |  |  |
| Choose one of the following (3-4 units): |  | Choose one of the following (3-4 units): |  |
| BUS 1A Financial Accounting** | 4 | BUS 1A Financial Accounting** | 4 |
| BUS 5 Human Relations in Business | 3 | BUS 5 Human Relations in Business | 3 |
| BUS 20 General Accounting** | 3 | BUS 20 General Accounting** | 3 |
| BUS 24 Computerized Accounting Principles** | 3 | BUS 24 Computerized Accounting Principles** | 3 |
| BUS 40A Introduction to Microsoft Access for Business | 4 | CIS 20 Microcomputer Assembly Language | 4 |
| Applications |  | CIS 27 Data Structures and Algorithms | 4 |
| CIS 27 Data Structures and Algorithms | 4 | CIS 36A Java Programming Language I | 4 |
| CIS 36A Java Programming Language I | 4 | CIS 36B Java Programming Language II | 4 |
| CIS 36B Java Programming Language II | 4 | CIS 62 Introduction to Systems Analysis and Design | 3 |
| ECON 2 Principles of Economics (Micro-Economics)** | 3 | CIS 81 Systems Analysis with UML | 3 |
| MATH 11 Discrete Mathematics*** | 4 | CIS 98 Database Programming with SQL | 4 |
| MATH 13 Introduction to Statistics*** | 4 | CIS 99 Database Administration with SQL | 4 |

## Laney College

## Catalog Supplement 2017-2018

\begin{tabular}{|c|c|c|c|}
\hline \begin{tabular}{l}
TOTAL MAJOR UNITS \\
*: Students planning to transfer to a Computer Science program, especially at UC Berkeley, should choose CIS 61 \\
**: Finance courses mentioned \\
***: Mathematics courses mentioned above
\end{tabular} \& 16-17 \& \begin{tabular}{l}
ECON 2 Principles of Economics (Micro-Economics)** \\
MATH 11 Discrete Mathematics** \\
MATH 13 Introduction to Statistics*** \\
TOTAL MAJOR UNITS \\
*: Students planning to transfer to a Computer Science program, especially at UC Berkeley, should choose CIS 61 \\
**: Finance courses mentioned \\
***: Mathematics courses mentioned above
\end{tabular} \& \[
\begin{aligned}
\& \hline 3 \\
\& 4 \\
\& 4 \\
\& \\
\& 16-17
\end{aligned}
\] \\
\hline \multicolumn{4}{|c|}{PROGRAM CHANGES} \\
\hline \begin{tabular}{l}
CHANGE PROGRAM FROM \\
NOTE: Highlighted courses have been removed from prog
\end{tabular} \& \& \begin{tabular}{l}
CHANGE PROGRAM TO \\
NOTE: Highlighted courses have been added to program
\end{tabular} \& \\
\hline \begin{tabular}{l}
CIS \\
Computer Programming with Java Certificate of Achievement: \\
Core Courses (13 units): \\
CIS 6 Introduction to Computer Programming or \\
CIS 61 Structure and Interpretation of Computer Programs* \\
CIS 36A Java Programming Language I \\
CIS 36B Java Programming Language II \\
Choose one of the following (3-4 units): \\
BUS 1A Financial Accounting** \\
BUS 5 Human Relations in Business \\
BUS 20 General Accounting** \\
BUS 24 Computerized Accounting Principles** \\
BUS 40A Introduction to Microsoft Access for Business \\
Applications \\
CIS 25 Object Oriented Programming Using C++ \\
CIS 25B C++ Programming Language II \\
CIS 27 Data Structures and Algorithms \\
ECON 2 Principles of Economics (Micro-Economics)** \\
MATH 11 Discrete Mathematics*** \\
MATH 13 Introduction to Statistics*** \\
TOTAL MAJOR UNITS \\
*: Students planning to transfer to a Computer Science program, especially at UC Berkeley, should choose CIS 61 \\
**: Finance courses mentioned
\end{tabular} \& 5
5
4
4
4

4
3
3
3
4
4
4
4
4
3
4

4 \& | CIS |
| :--- |
| Computer Programming with Java Certificate of Achievement: |
| Core Courses (13 units): |
| CIS 6 Introduction to Computer Programming or |
| CIS 61 Structure and Interpretation of Computer Programs* |
| CIS 36A Java Programming Language I |
| CIS 36B Java Programming Language II |
| Choose one of the following (3-4 units): |
| BUS 1A Financial Accounting** |
| BUS 5 Human Relations in Business |
| BUS 20 General Accounting** |
| BUS 24 Computerized Accounting Principles** |
| CIS 20 Microcomputer Assembly Language |
| CIS 25 Object Oriented Programming Using C++ |
| CIS 25B C++ Programming Language II |
| CIS 27 Data Structures and Algorithms |
| CIS 62 Introduction to Systems Analysis and Design |
| CIS 81 Systems Analysis with UML |
| CIS 98 Database Programming with SQL |
| CIS 99 Database Administration with SQL |
| ECON 2 Principles of Economics (Micro-Economics)** |
| MATH 11 Discrete Mathematics** |
| MATH 13 Introduction to Statistics*** |
| TOTAL MAJOR UNITS | \& 5

5
4
4

4
4
3
3
3
4
4
4
4
4
3
4
4
3
4
4
4 <br>
\hline
\end{tabular}



Laney College


## Catalog Supplement 2017-2018

\begin{tabular}{|c|c|c|c|}
\hline \({ }^{* * *}\) : Mathematics courses mentioned above \& \& \begin{tabular}{l}
*: Students planning to transfer to a Computer Science program, especially at UC Berkeley, should choose CIS 61 \\
**: Finance courses mentioned \\
***: Mathematics courses mentioned above
\end{tabular} \& \\
\hline \multicolumn{4}{|c|}{PROGRAM CHANGES} \\
\hline \multicolumn{2}{|l|}{\begin{tabular}{l}
CHANGE PROGRAM FROM \\
NOTE: Highlighted courses have been removed from program
\end{tabular}} \& \begin{tabular}{l}
CHANGE PROGRAM TO \\
NOTE: Highlighted courses have been added to program
\end{tabular} \& \\
\hline \begin{tabular}{l}
CIS \\
Computer Systems Analysis Certificate of Achievement: \\
Core Courses (11 units): \\
CIS 6 Introduction to Computer Programming or \\
CIS 61 Structure and Interpretation of Computer Programs* \\
CIS 62 Introduction to Systems Analysis and Design \\
CIS 81 Systems Analysis with UML \\
Choose two of the following (7-8 units): \\
BNK/F 56 Bank Management** \\
BUS 1A Financial Accounting** \\
BUS 1B Managerial Accounting** \\
BUS 5 Human Relations in Business \\
BUS 10 Introduction to Business \\
BUS 20 General Accounting** \\
BUS 24 Computerized Accounting Principles** \\
BUS 40A Introduction to Microsoft Access for Business \\
Applications \\
BUS 76 E-Commerce/Entrepreneurship \\
COMM 20 Interpersonal Communication Skills \\
CIS 25 Object Oriented Programming Using C++ \\
CIS 36A Java Programming Language I \\
CIS 40 Database Management \\
ECON 2 Principles of Economics (Micro-Economics)** \\
ENGL 5 Critical Thinking in Reading and Writing \\
GRART 115 Web Site Design \\
M/SVN 82 Essentials of Managerial Communications \\
MATH 13 Introduction to Statistics*** \\
PHIL 10 Logic \\
TOTAL MAJOR UNITS \\
*: Students planning to transfer to a Computer Science program, especially at UC Berkeley, should choose CIS 61
\end{tabular} \& 5

5
3
3

3
4
4
3
3
3
3
4
4
3
3
4
4
4

3 \& | CIS |
| :--- |
| Computer Systems Analysis Certificate of Achievement: |
| Core Courses (11 units): |
| CIS 6 Introduction to Computer Programming or |
| CIS 61 Structure and Interpretation of Computer |
| Programs* |
| CIS 62 Introduction to Systems Analysis and Design |
| CIS 81 Systems Analysis with UML |
| Choose two of the following (7-8 units): |
| BNK/F 56 Bank Management** |
| BUS 1A Financial Accounting** |
| BUS 1B Managerial Accounting** |
| BUS 5 Human Relations in Business |
| BUS 10 Introduction to Business |
| BUS 20 General Accounting** |
| BUS 24 Computerized Accounting Principles** |
| BUS 76 E-Commerce/Entrepreneurship |
| COMM 20 Interpersonal Communication Skills |
| CIS 25 Object Oriented Programming Using C++ |
| CIS 36A Java Programming Language I |
| ECON 2 Principles of Economics (Micro-Economics)** |
| ENGL 5 Critical Thinking in Reading and Writing |
| GRART 115 Web Site Design |
| M/SVN 82 Essentials of Managerial Communications |
| MATH 13 Introduction to Statistics*** |
| PHIL 10 Logic |
| TOTAL MAJOR UNITS |
| *: Students planning to transfer to a Computer Science program, especially at UC Berkeley, should choose CIS 61 |
| **: Finance courses mentioned |
| ***: Mathematics courses mentioned above | \& \[

$$
\begin{aligned}
& 5 \\
& \\
& 5 \\
& 3 \\
& 3 \\
& \\
& 3 \\
& 4 \\
& 4 \\
& 4 \\
& 3 \\
& 3 \\
& 3 \\
& 3 \\
& 3 \\
& 3 \\
& 4 \\
& 4 \\
& 3 \\
& 3 \\
& 3 \\
& 3 \\
& 4 \\
& 3
\end{aligned}
$$
\] <br>

\hline
\end{tabular}

## Laney College



Catalog Supplement 2017-2018

\begin{tabular}{|c|c|c|c|}
\hline \multicolumn{3}{|l|}{\begin{tabular}{l}
**: Finance courses mentioned \\
***: Mathematics courses mentioned above
\end{tabular}} \& \\
\hline \multicolumn{4}{|c|}{PROGRAM CHANGES} \\
\hline \begin{tabular}{l}
CHANGE PROGRAM FROM \\
NOTE: Highlighted courses have been removed from pro
\end{tabular} \& \& \begin{tabular}{l}
CHANGE PROGRAM TO \\
NOTE: Highlighted courses have been added to program
\end{tabular} \& \\
\hline \begin{tabular}{l}
ETHST \\
Ethnic Studies Associate of Arts: \\
Group 1 Select two courses from the following (6-8 units): \\
AFRAM 8 African American Politics \\
AFRAM 23 Perceptions of African American Women \\
AFRAM 32 African American History: 1945 to the Present \\
Group 2 Select two courses from the following ( 6 units): \\
M/LAT 12 United States Relations with Mexico and Latin \\
America \\
M/LAT 30A Survey of Latin-American Films \\
M/LAT 30B Survey of Latin-American Films \\
Group 3 Select two courses from the following ( 6 units): \\
ASAME 21 Asian-American Communities \\
ASAME 30 Asians and Asian-Americans Through Films \\
ASAME 32 Asian-American Psychology \\
ASAME 45A Asian-American History to 1945 \\
ASAME 45B Asian American History From 1945 to the Present \\
TOTAL MAJOR UNITS
\end{tabular} \& \(3-4\)
3
\(3-4\)

3

3
3
3
3
3
3

3 \& \begin{tabular}{l}
ETHST <br>
Ethnic Studies Associate of Arts: <br>
Core Curriculum 1: Introduction to Ethnic Studies (3 units): <br>
ETHST 1 Introduction to Ethnic Studies <br>
Core Curriculum 2: Interaction of Race and Gender (3 units): <br>
Choose one course from this list <br>
AFRAM 35 Women of Color <br>
or <br>
ASAME 35 Women of Color <br>
or <br>
M/LAT 35 Women of Color <br>
or <br>
NATAM 35 Women of Color <br>
Comparative Courses (6 units): <br>
Choose two course from this list <br>
ETHST 3 Race, Gender and Sports <br>
ETHST 12 Economics and Social Change: Racial <br>
Conflict and Class in America <br>
ETHST 13 Introduction to Community Based Research in Urban America <br>
ETHST 14 Community Building and Transformation in <br>
Urban America <br>
ETHST 30 Introduction to Race, Gender and Health <br>
ETHST 50 Introduction to Race, Class and Schools <br>
Ethnic Studies Electives (6 units): <br>
Select two courses (not chosen from above) for a total of 6 units in the following disciplines: AFRAM, ASAME, M/LAT, NATAM <br>
TOTAL MAJOR UNITS

 \& 

3 <br>
\hline
\end{tabular} <br>

\hline \multicolumn{4}{|c|}{PROGRAM CHANGES} <br>
\hline
\end{tabular}

Laney College

| CHANGE PROGRAM FROM |  | CHANGE PROGRAM TO <br> NOTE: Highlighted courses have been added to program |  |
| :---: | :---: | :---: | :---: |
| NOTE: Highlighted courses have been removed from program |  |  |  |
| Science |  | Science |  |
| Associate of Science: |  | Associate of Science: |  |
| Select at least two courses from at least two of the following areas: |  | Select a minimum of 18 units from at least two disciplines: |  |
| Biology: |  | Biology: |  |
| BIOL 1A General Biology | 5 | BIOL 1A General Biology | 5 |
| BIOL 1B General Biology | 5 | BIOL 1B General Biology | 5 |
| BIOL 2 Human Anatomy | 5 | BIOL 2 Human Anatomy | 5 |
| BIOL 3 Microbiology | 5 | BIOL 3 Microbiology | 5 |
| BIOL 4 Human Physiology | 5 | BIOL 4 Human Physiology | 5 |
| BIOL 20A Human Anatomy and Physiology | 5 | BIOL 20A Human Anatomy and Physiology | 5 |
| BIOL 20B Human Anatomy and Physiology | 5 | BIOL 20B Human Anatomy and Physiology | 5 |
| Chemistry: |  | Chemistry: |  |
| CHEM 1A General Chemistry | 5 | CHEM 1A General Chemistry | 5 |
| CHEM 1B General Chemistry | 5 | CHEM 1B General Chemistry | 5 |
| CHEM 30A Introductory General Chemistry | 4 | CHEM 30A Introductory General Chemistry | 4 |
|  |  | CHEM 30B Introductory Organic and Biochemistry | 4 |
|  |  | Mathematics: |  |
| Mathematics: |  | MATH 3A Calculus I | 5 |
| MATH 3A Calculus I | 5 | MATH 3B Calculus II | 5 |
| MATH 3B Calculus II | 5 | MATH 13 Introduction to Statistics | 4 |
| MATH 13 Introduction to Statistics | 4 |  |  |
|  |  | Physics: | 5 |
| Physics: |  | PHYS 3A General Physics | 5 |
| PHYS 3A General Physics | 5 | PHYS 3B General Physics | 5 |
| PHYS 3B General Physics | 5 | PHYS 4A General Physics with Calculus | 5 |
| PHYS 4A General Physics with Calculus | 5 | PHYS 4B General Physics with Calculus | 5 |
| PHYS 4B General Physics with Calculus | 5 | PHYS 4C General Physics with Calculus |  |
| PHYS 4C General Physics with Calculus | 5 |  |  |
|  |  | TOTAL MAJOR UNITS | 18-20 |
| TOTAL MAJOR UNITS | 18-20 |  |  |



## Laney College

PROGRAM CORRECTIONS

|  | PAGE \# | CHANGE PROGRAM FROM: | UNITS | CHANGE PROGRAM TO: | UNITS |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Multiple ADT Programs |  | IGTEC or CSU GE-Breadth Education Pattern |  | IGETC or CSU GE-Breadth Education Pattern |  |
| Architecture CA | p. 136 | Third Semester (14 units): PHYS 4A General Physics | 5 | Third Semester (14 units): <br> PHYS 4A General Physics with Calculus | 5 |
| Bookkeeping CA | p. 166 | First Semester (min 11 units): BUS 1A Financial Accounting BUS 20 General Accounting BUS 209 Fundamentals of Income Tax BUS 43B Introduction to Microsoft Excel for Business Applications or <br> BUS 43BA Introduction to Microsoft Excel for Business Applications and BUS 43BB Introduction to Microsoft Excel for Business Applications | 4 <br> 4 <br> 2 <br> 2 | First Semester (11 units): <br> BUS 20 General Accounting <br> BUS 209 Fundamentals of Income <br> Tax <br> BUS 43B Introduction to Microsoft <br> Excel for Business Applications or <br> BUS 43BA Introduction to Microsoft <br> Excel for Business Applications and <br> BUS 43BB Introduction to Microsoft <br> Excel for Business Applications | 3 <br> 4 <br> 4 <br> 2 <br> 2 |
| Business Information Systems AS | p. 173 | First Semester (11 units): <br> BUS 207A Introduction to Business | 3 | First Semester (11 units): BUS 207A Business English | 3 |
| Computer Systems Analysis CA | p. 195 | Core Requirements (11 units): <br> CIS 6 Introduction to Computer <br> Programming <br> or <br> CIS 61 Structure and Interpretation of Computer Programs <br> CIS 62 Introduction to Systems <br> Analysis and Design <br> CIS 81 Systems Analysis with UML <br> CIS 36A Java Programming <br> Language I <br> CIS 36B Java Programming <br> Language II | 5 <br> 5 <br> 3 <br> 3 <br> 4 <br> 4 | Core Requirements (11 units): CIS 6 Introduction to Computer Programming or CIS 61 Structure and Interpretation of Computer Programs CIS 62 Introduction to Systems Analysis and Design CIS 81 Systems Analysis with UML | $\begin{aligned} & 5 \\ & 5 \\ & 5 \\ & 3 \\ & 3 \end{aligned}$ |

Laney College

| PROGRAM CORRECTIONS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | PAGE \# | CHANGE PROGRAM FROM: | UNITS | CHANGE PROGRAM TO: | UNITS |
| Electrical Technology CA | p. 232 | Title: <br> Electrical Technology CA |  | Title: <br> Electrical Technology CA |  |
| Electrical Technology AS | p. 233 | Title: <br> Electrical Technology AS |  | Title: <br> Electrical Technology AS |  |
| Building Automation Systems CA | p. 253 | Program Description: <br> The AS degree in Building <br> Automation Systems prepares students to install, service, operate, maintain, and troubleshoot building automation systems (BAS) in commercial buildings, controlling Heating, Ventilation, and Air Conditioning (HVAC) Systems, energy management systems, as well as lighting and security systems. Students who complete this program can significantly impact building energy consumption. Graduates can seek employment as building automation technicians and control systems technicians with manufacturers, vendors, service companies, and large facilities, such as government and educational facilities, hospitals, and office buildings. |  | Program Description: <br> The Certificate in Building Automation Systems prepares students to install, service, operate, maintain, and troubleshoot building automation systems (BAS) in commercial buildings, controlling Heating, Ventilation, and Air Conditioning (HVAC) Systems, energy management systems, as well as lighting and security systems. Students who complete this program can significantly impact building energy consumption. Graduates can seek employment as building automation technicians and control systems technicians with manufacturers, vendors, service companies, and large facilities, such as government and educational facilities, hospitals, and office buildings. |  |
| Laney Education/AfterSchool Pathways (Leap) CP | p. 296 | Core Courses (12-14 units): <br> ENGL 201A Preparation for <br> Composition and Reading or <br> ENGL 201B Preparation for Composition and Reading <br> HLTED 1 Exploring Health <br> Issues <br> or <br> HLTED 20 Health and Wellness: <br> Personal Change <br> LRNRE 20 Introduction to Youth Development | 4 <br> 4 <br> 3 <br> 1 <br> 3 <br> 1 | Core Courses (12-14 units): <br> ENGL 201A Preparation for <br> Composition and Reading* <br> or <br> ENGL 201B Preparation for <br> Composition and Reading* <br> HLTED 1 Exploring Health Issues <br> or <br> HLTED 20 Health and Wellness: <br> Personal Change <br> LRNRE 20 Introduction to Youth <br> Development <br> LRNRE 30 Introduction to <br> Tutoring | 4 <br> 4 <br> 3 <br> 1 <br> 3 <br> 1 |

## Laney College

## Catalog Supplement 2017-2018

|  |  | LRNRE 30 Introduction to Tutoring |  | MATH 250 Arithmetic** <br> or <br> MATH 253 Pre-Algebra** <br> * A more advance ENGL course may be substituted for ENGL 201A or 201B <br> **A more advance Math course may be substituted for MATH 250 or 253 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PROGRAM CORRECTIONS |  |  |  |  |  |
|  | PAGE \# | CHANGE PROGRAM FROM: | UNITS | CHANGE PROGRAM TO: | UNITS |
| Language Arts AA | p. 297 | Title: <br> Language Arts |  | Title: <br> Language Arts AA |  |
| Legal and Community Interpreting AA | p. 300 | Title: <br> Legal Court Interpreter (Spanish <br> Language) CA <br> Select one course from the following (3-5 units): <br> ENGL 1A Composition and <br> Reading <br> POSCI 6 The U.S. Constitution and Criminal Due Process SPAN 22A Spanish for Bilingual Speakers I <br> SPAN 22B Spanish for Bilingual Speakers II | 4 <br> 3 <br> 3 <br> 3 | Title: <br> Legal and Community Interpreting CA <br> Select one course from the following (3-5 units): <br> ENGL 1A Composition and Reading POSCI 6 The U.S. Constitution and Criminal Due Process <br> SPAN 22A Spanish for Bilingual <br> Speakers I <br> SPAN 22B Spanish for Bilingual Speakers II | 4 <br> 3 <br> 5 <br> 5 |
| Liberal Arts: <br> Intersegmental General <br> Education Transfer <br> Curriculum (IGETC) CA | p. 304 | Title: <br> Intersegmental General Education Transfer Curriculum (IGETC) |  | Title: <br> Liberal Arts: Intersegmental General Education Transfer Curriculum (IGETC) CA |  |
| Machine Technology CA | p. 307 | Third Semester (9 units): <br> MACH 31 Advanced CNC and CAD/CAM Programming MATH 220* Technical Math with Trigonometry (Lab) WELD 205 Introduction to Welding | 4 <br> 1 <br> 3 | Fourth Semester (8 units): <br> MACH 31 Advanced CNC and CAD/CAM Programming <br> MATH 220* Technical Math with <br> Trigonometry (Lab) <br> WELD 205 Introduction to Welding | $\begin{aligned} & 4 \\ & 1 \\ & 3 \end{aligned}$ |


| PROGRAM CORRECTIONS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | PAGE \# | CHANGE PROGRAM FROM: | UNITS | CHANGE PROGRAM TO: | UNITS |
| Machine Technology AS | p. 308 | Third Semester (9 units): <br> MACH 31 Advanced CNC and CAD/CAM Programming MATH 220* Technical Math with Trigonometry (Lab) WELD 205 Introduction to Welding | 4 <br> 1 <br> 3 | Fourth Semester (8 units): <br> MACH 31 Advanced CNC and CAD/CAM Programming <br> MATH 220* Technical Math with Trigonometry (Lab) <br> WELD 205 Introduction to Welding | 4 <br> 1 <br> 3 |
| Associate of Arts Degree in Music for Transfer (AAT) | p. 334 | Program Description: <br> The Associate in Arts Degree in Communication Studies for Transfer is designed to prepare students for a seamless transfer with junior status and priority admission to their local CSU campus to a program or major in Communication Studies or similar major for completion of a baccalaureate degree. Students are required to complete: * a minimum of 27 semester units in the major with a grade of C or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. * 60 semester CSUtransferable units using the California State University-General Education-Breadth pattern (CSUGE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. * No more than 60 semester units are required. The Associate in Arts Degree in Communication Studies for Transfer will also assist Communication Studies major students to transfer to a U.C. or other baccalaureate institutions. Students are advised to consult with a counselor to verify transfer requirements. |  | Program Description: <br> The Associate in Arts Degree in Music for Transfer is designed to prepare students for a seamless transfer with junior status and priority admission to their local CSU campus to a program or major in Music or similar major for completion of a baccalaureate degree. Students are required to complete: * a minimum of 27 semester units in the major with a grade of $C$ or better while maintaining a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework. * 60 semester CSU-transferable units using the California State UniversityGeneral Education-Breadth pattern (CSU-GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. * No more than 60 semester units are required. The Associate in Arts Degree in Music for Transfer will also assist Music major students to transfer to a U.C. or other baccalaureate institutions. Students are advised to consult with a counselor to verify transfer requirements. |  |

