

LANEY COLLEGE
CATALOG
SUPPLEMENT
2009–2011

www.Laney.Peralta.edu



LANEY COLLEGE
CATALOG
SUPPLEMENT
2009-11

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CATALOG SUPPLEMENT 2009-11

The Laney College Catalog Supplement for 2009-11 is a summary of additions, deactivations, and changes that have been made in curriculum and policies affecting students since the publication of the 2009-11 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. These notations are as follows: F09 = Fall 2009, S10 = Spring 2010, M10 = Summer 2010, F10 = Fall 2010, S11 = Spring 2011.

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.

COURSE ADDITIONS

DEPT/NO.	COURSE TITLE/INFORMATION	EFF
A/ET 112	<p>BUILDING SYSTEMS PRINCIPLES FOR SUSTAINABLE RESIDENTIAL ADAPTATION 2 units, 2 hours lecture (GR/N/NP) Acceptable for credit: CSU Introduction to local precedents in design: Materials, practices, and function from a systems point of view. Survey of historic construction practices, current trends in building design, construction and rehabilitation practices. Exploration of new technologies and regulatory systems' impacts on maintenance of adaptation emphasizing indoor air quality, occupant comfort, and building durability. 0201.00</p>	S10
A/ET 121A	<p>INTRODUCTION TO BUILDING INFORMATION MODELING WITH AUTODESK REVIT 2 units, 1 hour lecture, 3 hours laboratory (GR) Recommended Prep: A/ET 211 Acceptable for credit: CSU 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. 0201.00</p>	S10
CARP 204	<p>THE SUSTAINABLE BUILT ENVIRONMENT 3 units, 3 hours lecture (GR/N/NP) Introduction to water and resource conservation, renewable energy and energy efficiency: Principles, techniques and innovations in green building. 0952.10</p>	S10
CARP 206	<p>ENERGY EFFECIENCY AND WEATHERIZATION 3.5 units, 2 hours lecture,5 hours laboratory (GR/P/NP) Introduction to energy efficiency standards and weatherization principles: Remodeling and new construction of homes and commercial buildings; all aspects of energy efficiency, design and systems of weatherization. 0952.10</p>	S10
E/ET 31	<p>INTRODUCTION TO DDC HARDWARE FOR BUILDING AUTOMATION SYSTMS 3 units, 2 hours lecture, 3 hours laboratory (GR) Prerequisite: E/ET 202 and ECT 214. Not open for credit to students who have completed or are currently enrolled in ECT 31. Acceptable for credit: CSU Introduction to basic microprocessor/microcontroller operations: Analog and digital, input and output interfaces. Microprocessor and microcontroller hardware and some simple process control software routines. Introduction to Programmable Logic Controllers (PLCs). Creation, access, and modification of database: Working interactively with applications and concepts of programming; menu-driven systems; differences between original version and program upgrades. 0946.00</p>	F10
E/ET 33	<p>CONTROL SYSTEMS NETWORKING FOR BUILDING AUTOMATION 3 units, 2 hours lecture, 3 hours laboratory (GR) Prerequisite: E/ET 37 or ECT 37. Not open for credit to students who have completed or are currently enrolled in ECT 33. Acceptable for credit: CSU Introduction to global and local communication networks: Emphasis on design, installation and troubleshooting for building control systems using direct digital control systems. 0946.00</p>	F10
E/ET 37	<p>INTRODUCTION TO PC HARDWARE AND SOFTWARE FOR BUILDING TECHNICIANS 3 units, 2 hours lecture, 3 hours laboratory (GR) Not open for credit to students who have completed or are currently enrolled in ECT 37. Acceptable for credit: CSU Introduction to computer hardware and software: Practical computer skills, including computer components and functions; basics of Windows competency and file structure system; Excel, Visio and databases; Internet protocols and Ethernet cabling basics. 0946.00</p>	F10

COURSE ADDITIONS

DEPT/NO.	COURSE TITLE/INFORMATION	EFF
E/ET 227	<p>CUSTOMER SERVICE FOR THE BUILDING TRADES 2 units, 2 hours lecture (GR) Introduction to basic concepts of Customer Service as applied to the building trades: Installers, designers, estimators, and sales persons. Creating a rapport with the client recognizing and responding to the clients needs, going beyond client expectations. 0934.40</p>	S10
ECT 31	<p>INTRODUCTION TO DDC HARDWARE FOR BUILDING AUTOMATION SYSTEMS 3 units, 2 hours lecture, 3 hours laboratory (GR) Prerequisite: E/ET 202 and ECT 214. Not open for credit to students who have completed or are currently enrolled in E/ET 31. Acceptable for credit: CSU Introduction to basic microprocessor/microcontroller operations: Analog and digital, input and output interfaces. Microprocessor and microcontroller hardware and some simple process control software routines. Introduction to Programmable Logic Controllers (PLCs). Creation, access, and modification of database: Working interactively with applications and concepts of programming; menu-driven systems; differences between original version and program upgrades. 0946.00</p>	F10
ECT 32	<p>CONTROL SYSTEMS DESIGN 2 units, 1.5 hours lecture, 1.5 hours laboratory (GR) Prerequisite: ECT 21. Acceptable for credit: CSU Introduction to control systems documentation practices: HVAC system schematics, I/O tables, network diagrams, logic diagrams and other drawings. Use of Microsoft Visio and Auto CAD, and documentation of control sequences of operation. 0946.00</p>	F10
ECT 33	<p>CONTROL SYSTEMS NETWORKING FOR BUILDING AUTOMATION 3 units, 2 hours lecture, 3 hours laboratory (GR) Prerequisite: E/ET 37 or ECT 37. Not open for credit to students who have completed or are currently enrolled in E/ET 33. Acceptable for credit: CSU Introduction to global and local communication networks: Emphasis on design, installation and troubleshooting for building control systems using direct digital control systems. 0946.00</p>	F10
ECT 34	<p>CONTROL ROUTINES FOR ENERGY EFFICIENCY 2 units, 1.5 hours lecture, 1.5 hours laboratory (GR) Prerequisite: ECT 26 Acceptable for credit: CSU Methods and practices for developing energy saving control routines: Energy efficient operating sequences for programming, testing, and troubleshooting; optimizing systems interaction; using metrics to drive sequence, fault detection diagnostics, and measurement and validation techniques. 0946.00</p>	F10
ECT 35	<p>CONTROLS SYSTEMS INTEGRATION 2 units, 1.5 hours lecture, 1.5 hours laboratory (GR) Prerequisite: ECT 27 Acceptable for credit: CSU Introduction to control system integration practices: Common open protocols such as BACNET, Modbus and Lonworks. Use of integration platforms such as Tridium Niagara, FieldBus device translators, and wireless protocol integration. Review of whole building systems integration strategies. 0946.00</p>	F10
ECT 36	<p>ENERGY ISSUES, POLICIES, AND CODES 1.5 units, 1.5 hours lecture (GR) Prerequisite: ECT 25 Acceptable for credit: CSU Introduction to regional and global energy issues: Energy efficiency market sectors, impact of building energy use on environmental, social, and economy sustainability. Overview of national and regional codes and policies regulating energy efficiency in buildings. 0946.00</p>	F10

COURSE ADDITIONS

DEPT/NO.	COURSE TITLE/INFORMATION	EFF
ECT 37	<p>INTRODUCTION TO PC HARDWARE AND SOFTWARE FOR BUILDING TECHNICIANS 3 units, 2 hours lecture, 3 hours laboratory (GR) Acceptable for credit: CSU Not open for credit to students who have completed or are currently enrolled in E/T 37. Introduction to computer hardware and software: Practical computer skills, including computer components and functions; basics of Windows competency and file structure system; Excel, Visio and databases; Internet protocols and Ethernet cabling basics. 0946.00</p>	F10
ESL 214	<p>TECHNICAL READING FOR CAREER TECHNICAL STUDENTS 2 units, 2 hours lecture (GR/P/NP) Prerequisite: ESL 203B. Support language skills for career technical students in reading English texts: Workplace terminology, comprehension, and efficient reading techniques. 4930.85</p>	S10
ESL 224	<p>WRITING FOR CAREER TECHNICAL STUDENTS 2 units, 2 hours lecture (GR/P/NP) Prerequisite: ESL 201B Language skills for career technical students in writing for the workplace: Reports, instructions, memos, letters and other related materials. Workplace terminology included. 4930.84</p>	S10
ETHST 1	<p>INTRODUCTION TO ETHNIC STUDIES 3 units, 3 hours lecture (GR) Acceptable for credit: CSU; UC pending Survey of the American experience of ethnic and racial relations: Exploration of American history and contemporary issues facing minority groups in the United States. Emphasis on Native, African, Mexican, and Asian American cultural experiences. 2203.00 AA/AS area 2, 5</p>	F10
JOURN 65	<p>SOCIAL MEDIA FOR JOURNALISTS 3 units, 3 hours lecture (GR) Acceptable for credit: CSU Analysis and use of new media: Twitter, YouTube, Facebook, LinkedIn, Wordpress, and emerging social media platforms. 0602.00 AA/AS area 4c</p>	M10
LIS 200	<p>LIBRARY SKILLS FOR COLLEGE STUDENTS 1 unit, 1 hour lecture (P/NP) Introduction to the college library: Emphasis on finding, evaluating, using, and citing books, journal articles, and websites for classroom assignments. 1699.00 AA/AS area 4c</p>	F10

COURSE CHANGES

DEPT/NO.	CHANGE COURSE FROM:	CHANGE COURSE TO:
ASTR 10	DESCRIPTIVE ASTRONOMY Introduction to astronomy: Astronomy of the earth, the solar system, and the stars.	DESCRIPTIVE ASTRONOMY Survey of astronomy at a descriptive level: Development of modern astronomy, light, astronomical instruments, the sun, formation and evolution of the solar system, the terrestrial planets, the Jovian planets, asteroids, comets, planets around other stars, and a brief survey of stars. S10
BIOL 20B	HUMAN ANATOMY AND PHYSIOLOGY Structure and function of the human body: Special senses, endocrine, cardiovascular, immune, respiratory, digestive, urinary and reproductive systems; selected human diseases. Laboratory: Dissection of mammalian organs, work with dissected human cadavers; use of microscopes, figures/charts, three-dimensional models; physiological experiments and demonstrations, and computer simulations.	HUMAN ANATOMY AND PHYSIOLOGY Structure and function of the human body: Special senses, endocrine, cardiovascular, immune, respiratory, digestive, urinary and reproductive systems; selected human diseases. Laboratory work includes dissection of mammalian organs, work with dissected human cadavers; use of microscopes, figures/charts, three-dimensional models; physiological experiments and demonstrations, and computer simulations. F10
CULIN 205	ARTISAN BREADS Prerequisite: Culin 101, 102, 215, 216, and 219 Corequisite: Culin 104	ARTISAN BREADS Prerequisite: Culin 203, 204, 215, 216, and 219 Corequisite: Culin 206 F09
CULIN 206	ADVANCED CAKE DECORATING Prerequisite: Culin 101, 102, 215, 216, and 219 Corequisite: Culin 103	ADVANCED CAKE DECORATING Prerequisite: Culin 203, 204, 215, 216, and 219 Corequisite: Culin 205 F09
CULIN 207	INTERNATIONAL PATISSERIE Prerequisite: Culin 103 and 104 Corequisite: Culin 106	INTERNATIONAL PATISSERIE Prerequisite: Culin 205 and 206 Corequisite: Culin 208 F09
CULIN 208	CONFISERIE (CANDY AND CHOCOLATE MAKING) Prerequisite: Culin 103 and 104 Corerequisite: Culin 105	CONFISERIE (CANDY AND CHOCOLATE MAKING) Prerequisite: Culin 205 and 206 Corerequisite: Culin 207 F09
CULIN 209	CONTEMPORARY PLATED DESSERTS Prerequisite: Culin 105 and 106 Corequisite: Culin 33, 175, and 217	CONTEMPORARY PLATED DESSERTS Prerequisite: Culin 207 and 208 Corequisite: Culin 33, 217, and 229 F09
ECON 1	PRINCIPLES OF ECONOMICS (MACRO-ECONOMICS) Prerequisite: None	PRINCIPLES OF ECONOMICS (MACRO-ECONOMICS) Prerequisite: Math 203 M10
ECON 2	PRINCIPLES OF ECONOMICS (MICRO-ECONOMICS) Prerequisite: None	PRINCIPLES OF ECONOMICS (MICRO-ECONOMICS) Prerequisite: Math 203 M10
ECT 1	PHYSICS FOR BUILDING SCIENCE Recommended preparation: Math 201 or 210D	PHYSICS FOR BUILDING SCIENCE Recommended preparation: Math 201 or 210D or 200B F10
ECT 11	MECHANICAL AND ELECTRICAL DEVICES Recommended corequisite: ECT 10 and 210	MECHANICAL AND ELECTRICAL DEVICES Corequisite: ECT 13

COURSE CHANGES

DEPT/NO.	CHANGE COURSE FROM:	CHANGE COURSE TO:	
ECT 14	ADVANCED REFRIGERATION Prerequisite: ECT 13	ADVANCED REFRIGERATION Prerequisite: None	F10
ECT 15	REFRIGERATION EQUIPMENT TROUBLESHOOTING Prerequisite: ECT 14	REFRIGERATION EQUIPMENT TROUBLESHOOTING Prerequisite: None	F10
ECT 21	INTRODUCTION TO DIRECT DIGITAL CONTROLS Prerequisite: ECT 11	INTRODUCTION TO DIRECT DIGITAL CONTROLS Prerequisite: None	F10
ECT 200	SPECIAL PROJECTS LABORATORY Prerequisite: ECT 10 and 11	SPECIAL PROJECTS LABORATORY Prerequisite: ECT 11	F10
ECT 212	TESTING, ADJUSTING AND BALANCING HVAC SYSTEMS Corequisite: ECT 20	TESTING, ADJUSTING AND BALANCING HVAC SYSTEMS Corequisite: ECT 22	F10
MACH 206	Title missing	INDUSTRIAL HYDRAULICS	F09
M/LAT 20	FIELDWORK IN LA RAZA COMMUNITY 3 units, 2 hours lecture, 3 hours laboratory Introduction to field work in the La Raza community: Development of effective techniques for working in the community to identify problem areas and develop solutions.	CIVIC ENGAGEMENT IN LATINO COMMUNITIES 3 units, 3 hours lecture Development and application of effective community action techniques for solving urban problems.	S11

COURSE DEACTIVATIONS

DEPT/NO.	COURSE TITLE	EFF
ANTHR 2	INTRODUCTION TO ARCHAEOLOGY AND PREHISTORY	F10
ENGL 205	VOCABULARY AND CONTEXT	F10
ENGL 211	INTRODUCTION TO CRITICAL THINKING	F10

PROGRAM ADDITIONS

ELECTRICAL TECHNOLOGY A.S. Degree and Certificate of Achievement (PENDING STATE APPROVAL)

Preparation of students for employment on new and remodeled electrical systems work in residential, light commercial and heavy commercial installations: Employability skills, residential and commercial wiring methods, and electrical system design and estimating skills. Students gain broad-based background skills and hands-on experience wiring typical residential and commercial scenarios. Basic to all topics is the observance and practice of electrical safety for workers and installation of electrical in accordance with the National Electrical Code.

Career Opportunities

Graduates will be employed as apprentice "inside journeyman" electricians, lighting installers, photovoltaic (solar electrical) system installers, in residential developments, home remodel, light commercial installations such as stores and strip-malls, as well as manufacturing facilities where they will install power, lighting, machine wiring and controls, and motor control systems.

FIRST SEMESTER

E/ET 203 Basic Electricity	3
E/ET 204 Technical Mathematics for Electricians	3
E/ET 223 CAL-OSHA 30-Hour Construction Industry Training	2

SECOND SEMESTER

E/ET 217 Residential House Wiring	3
E/ET 208 Introduction to Photovoltaics	3
E/ET 226 Lighting Efficiency Technology	3

THIRD SEMESTER

E/ET 218 Commercial Wiring	3
E/ET 221 Motors and Drives	2
E/ET 207A National Electrical Code for Electronics	3

FOURTH SEMESTER

E/ET 207B National Electrical Code for Electricians	3
E/ET 227 Customer Service for the Building Trades	2

Total Units	30
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PROGRAM ADDITIONS

Certificate of Achievement: Building Performance and Energy Efficiency (PENDING STATE APPROVAL)
First Semester

A/ET 112	Building Systems Principles for Sustainable Residential Adaptation	2
CARP 205	Green Construction Techniques @ Materials	2
CARP 233	Electrical for Carpenters	1.5
CARP 240A	Construction Rehabilitation	2
ECT 1	Physics for Building Science	4
ECT 28	Energy Management & Efficiency for Buildings	2
ECT 38	Measurement of Building Energy Efficiency	2
		15.5

Second Semester

CARP 206	Energy Efficiency & Weatherization	3.5
CARP 232	Plumbing for Carpenters	1.5
ECT 16	Fundamentals of Heating & Air Conditioning	2
ECT 17	Heating and Air Conditioning Troubleshooting	1
ECT 18	HVAC Installation Practices	2.5
ECT 39	Energy Auditing and Computer Analysis of Building Efficiency	2
ECT 213	Indoor air Quality	1
E/EC 227	Customer Service for the Building Trades	2
		15.5

Total Units		31
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PROGRAM ADDITIONS

A.S. Degree: Building Automation Systems (ECT) (PENDING STATE APPROVAL)

The AS degree 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.

First Semester

ECT 214 Technical Mathematics for ECT	3
E/ET 202 Fundamentals of Electricity for ECT	2
ECT 1 Physics for Building Science	4
E/ET 37 Introduction to PC Hardware and Software for Building Technicians	3
or	
ECT 37 Introduction to PC Hardware and Software for Building Technicians	3

Second Semester

ECT 11 Mechanical and Electrical Devices	2
ECT 22 Commercial HVAC Systems	2
ECT 24 Commercial HVAC System Troubleshooting	2
ECT 21 Introduction to Direct Digital Controls	2
ECT 31 Introduction to DDC Hardware for Building Automation Systems	3
or	
E/ET 31 Introduction to DDC Hardware for Building Automation Systems	3
E/ET 221 Motors and Drives	2

Third Semester

ECT 27 Advanced Direct Digital Controls	2
ECT 25 Introduction to Building Commissioning	2
ECT 12 Blueprint Reading and Interpretation for ECT	1.5
ECT 32 Control Systems Design	2
ECT 33 Control Systems Networking for Building Automation	3
or	
E/ET 33 Control Systems Networking for Building Automation	3
ECT 212 Testing, Adjusting and Balancing HVAC	2

Fourth Semester

ECT 34 Control Routines for Energy Efficiency	2
ECT 35 Control Systems Integration	2
ECT 36 Energy Issues, Policies, and Codes	1.5
ECT 26 Advanced Building Commissioning	3
ECT 29 Data Analysis for Performance Monitoring	2

Total Units	60
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PROGRAM ADDITIONS

Certificate of Achievement: Building Automation Systems (ECT) (PENDING STATE APPROVAL)

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.

First Semester

ECT 214 Technical Mathematics for ECT	3
E/ET 202 Fundamentals of Electricity for ECT	2
ECT 1 Physics for Building Science	4
E/ET 37 Introduction to PC Hardware and Software for Building Technicians	3
or	
ECT 37 Introduction to PC Hardware and Software for Building Technicians	3

Second Semester

ECT 11 Mechanical and Electrical Devices	2
ECT 22 Commercial HVAC Systems	2
ECT 24 Commercial HVAC System Troubleshooting	2
ECT 21 Introduction to Direct Digital Controls	2
ECT 31 Introduction to DDC Hardware for Building Automation Systems	3
or	
E/ET 31 Introduction to DDC Hardware for Building Automation Systems	3
E/ET 221 Motors and Drives	2

Third Semester

ECT 27 Advanced Direct Digital Controls	2
ECT 25 Introduction to Building Commissioning	2
ECT 12 Blueprint Reading and Interpretation for ECT	1.5
ECT 32 Control Systems Design	2
ECT 33 Control Systems Networking for Building Automation	3
or	
E/ET 33 Control Systems Networking for Building Automation	3
ECT 212 Testing, Adjusting and Balancing HVAC	2

Fourth Semester

ECT 34 Control Routines for Energy Efficiency	2
ECT 35 Control Systems Integration	2
ECT 36 Energy Issues, Policies, and Codes	1.5
ECT 26 Advanced Building Commissioning	3
ECT 29 Data Analysis for Performance Monitoring	2

Total Units	48
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PROGRAM CHANGES

CHANGE PROGRAM FROM
GRAPHIC ARTS (GRART)
Applied Graphic Design/Digital Imaging
Degree Major/Certificate Requirements:**SECOND SEMESTER**

GRART 112	Creative Process and Solutions	3
GRART 121	Applied Graphic Design I	3
GRART 133	Adobe Illustrator Basics	2.5

MACHINE TECHNOLOGY (MACH)**Degree Major/Certificate Requirements:****FIRST SEMESTER**

MACH 205	Geometric Dimensioning and Tolerancing	3
MACH 210	Machine Technology I	5
MATH 220A*+	Technical Math and Algebra-Part I (Lab)	.5
MATH 220B*+	Technical Math with Algebra-Part 2 (Lab)	.5
MATH 220C*+	Technical Math with Algebra-Part 3 (Lab)	.5
MATH 220D*+	Technical Math with Algebra-Part 4 (Lab)	.5

CHANGE PROGRAM TO
GRAPHIC ARTS (GRART)
Applied Graphic Design/Digital Imaging
Degree Major/Certificate Requirements:**SECOND SEMESTER**

GRART 112	Creative Process and Solutions	3
GRART 121	Applied Graphic Design I	3
GRART 134	Adobe Illustrator Basics	2.5

Effective Fall 09

MACHINE TECHNOLOGY (MACH)**Degree Major/Certificate Requirements:****FIRST SEMESTER**

MACH 205	Engineering Drawings for Machinists, Welders, and Industrial Maintenance Technicians	3
MACH 210	Machine Technology I	5
MATH 220A*+	Technical Math and Algebra-Part I (Lab)	.5
MATH 220B*+	Technical Math with Algebra-Part 2 (Lab)	.5
MATH 220C*+	Technical Math with Algebra-Part 3 (Lab)	.5
MATH 220D*+	Technical Math with Algebra-Part 4 (Lab)	.5

Effective Fall 09

APPENDIX A
Laney College
General Education Requirements for AA/AS Degrees 2010-2011 Advising Form

Student's Name (Please Print): _____
Last
First
Middle
Student ID #
Major

Legend: R=Remaining IP=In Progress C=Completed U=Units G=Grade

OVERALL REQUIREMENTS

Candidates for the Associate Degree must complete at least 60 units to include courses in a Major, General Education, and Electives, as necessary (see catalog for details).

1. A minimum grade-point average of 2.0 ("C") is required in **EACH** of the following:
 - Overall grade-point average
 - General Education requirements
2. A minimum grade of "C" or better is required in **EACH COURSE** in the major, English Composition (Area 4A), and Mathematics (Area 4B).
3. At least 12 units must be completed at Laney.
4. Students must complete a minimum of 19 units distributed among Areas 1, 2, 3, 4a, 4b, 4c, 4d and 5.

NOTE: While a course might satisfy more than one General Education requirement, it may not be counted more than once for this purpose (see exception for Ethnic Studies courses).

GRADUATION EVALUATION

It is the student's responsibility to file a "Petition for an Associate Degree" by the deadline specified in the College Academic Calendar, (available in the catalog, class schedule or website). Students should file the petition once all course requirements are completed or final courses are in progress. Official transcript of any course work completed outside Peralta District must be on file prior to requesting the evaluation or accompany the petition. Petitions are available in the Admissions and Records Office and must be completed by appointment with a counselor.

AREA 1 – NATURAL SCIENCE

One course with a minimum value of 3 semester units from the following:

- ANTHR 1
- ASTR 1, 10
- BIOL 1A, 1B, 2, 3, 4, 10, 11, 20A, 20B, 24, 76
- CHEM 1A, 1B, 12A, 12B, 25, 30A, 30B, 50
- ECT 1
- ENGIN 100
- GEOG 1, 9
- GEOL 10
- PHYSC 10, 15, 20, 22
- PHYS 3A, 3B, 4A, 4B, 4C, 10

Course From Other College: _____ Advanced Placement: _____

AREA 2 – SOCIAL AND BEHAVIORAL SCIENCES

One course with a minimum value of 3 semester units.

- AFRAM 1, 2, 5, 8, 9, 11, 12, 14A, 14B, 15, 16, 17*, 23, 30, 31, 32, 35***, 38, 45****
- ANTHR 2, 3, 5, 7, 14, 16
- ASAME 17*, 21, 26, 29, 30, 32, 35***, 45A, 45B
- BIOL 27**
- BUS 5
- COMM 19
- COUN 30, 230
- ECON 1, 2
- EDUC 1
- ENGIN 100
- ETHST 1
- GEOG 2, 3, 8
- HLTED 1
- HUMAN 45****
- HIST 2A, 2B, 3, 5, 7A, 7B, 17, 19, 32
- JOURN 62
- LABST 10, 13, 20, 21, 22
- M/LAT 12, 17*, 23, 31, 35***
- NATAM 1, 17*, 35***
- POSCI 1, 2, 3, 6, 16, 18, 21
- PSYCH 1A, 1B, 6, 7A, 7B, 7L, 8, 12**, 24, 30, 33
- SOC 1, 2, 5, 13, 30, 45

* or ** or *** or **** Students will receive credit for one course only.

Course From Other College: _____ Advanced Placement: _____

R	IP	C	U	G

	R	IP	C	U	G
<p>AREA 3 – HUMANITIES One course with a minimum value of 3 semester units. AFRAM 6A, 29, 45* ANTHR 7 ART 1, 2, 3, 4, 5, 6, 7, 40, 129, 141 ASAME 30 CHIN 1, 2, 3, 4 COMM 2A, 2B DANCE 1 ENGL 1B, 2, 10A, 10B, 12, 17A, 17B, 20, 26, 30A, 30B, 31, 32A, 32B, 33A, 33B, 39, 43, 44A, 44B, 138, 210A, 210B, 217A, 217B, 220, 226, 230A, 230B, 231, 232A, 232B, 233A, 233B, 238, 239, 243, 244A, 244B * Students will receive credit for one course only. Course From Other College: _____ Advanced Placement: _____</p>					
<p>AREA 4 – LANGUAGE AND RATIONALITY One course from each sub-area must be completed. 4a. English Composition: One course with a minimum value of 3 semester units. ENGL 1A, 1B, 2, 5 Course From Other College: _____ Advanced Placement: _____</p>					
<p>4b. Mathematics: May be met by one of the two plans listed below: Plan I: Completion of one course, 3 semester units minimum: MATH 2, 3A, 3B, 3C, 3E, 3F, 11, 13, 15, 50, 52ABC**, 202, 203, 205AB*, 211ABCD* * four units required; ** three units required. Plan II: Credit by Examination of Mathematics 203: (effective fall 2009 unless student has prior catalog rights, see a Counselor for more information) (1) examination will be offered twice each semester – dates to be announced by Mathematics Department, (2) examination may be repeated one time only when grade is less than “C”. Course From Other College: _____ Advanced Placement: _____</p>					
<p>4c. Computer Literacy: One course with minimum value of 1 semester unit. A/ET 104A, 104B, 204 BUS 24, 38, 40A, 40AA, 40AB, 43A, 43B, 43BA, 43BB, 219, 222, 237, 245B, 245E, 245EA, 245EB, 246 CIS All courses numbered 1-248, except CIS 211. CONMT 31A, 31B ENGIN 77 GRART 131, 132, 134, 135, 136, 141, 230 JOURN 65 LIS 200 LRNRE 211AB MACH 20, 30, 31 MEDIA 115, 151 Course From Other College: _____</p>					
<p>4d. Oral or Written Communication, or Literature: One course with a minimum value of 3 semester units. BUS 201 COMM 1A, 1B, 2A, 2B, 15B, 19, 44, 45 ENGL All courses numbered 1 through 247 except 48, 49, 205, 206AB, and 209 ESL 21A, 21B JOURN 21 MEDIA 100A, 100B, 100C, 100D, 102A, 102B Course From Other College: _____ Advanced Placement: _____</p>					
<p>AREA 5 – ETHNIC STUDIES One course with a minimum value of 3 semester units. AFRAM 1, 2, 5, 6A, 8, 9, 11, 12, 14A, 14B, 15, 16, 17*, 23, 29, 30, 31, 32, 35+, 38, 45** ANTHR 5, 14 ART 7 ASAME 17*, 21, 30, 32, 35+, 45A, 45B ENGL 31, 138, 231, 238 ETHST 1 * or ** or + Students will receive credit for one course only. Note: Ethnic Studies courses can be double-counted to fulfill a subject-requirement in one other General Education Area, (although the units are counted only once). Course From Other College: _____ Advanced Placement: _____</p>					

APPENDIX B

Laney College

California State University General Education Breadth Requirements 2010-2011 ADVISING FORM

Student's Name: _____
 Last First Middle Student ID# Major

Legend: R=Remaining IP=In Progress C=Completed U=Units G=Grade	R	IP	C	U	G
AREA A: ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING - minimum of 9 semester (or 12 quarter) units, one 3-unit course from each sub-group with a grade of "C" or better. <u>A1 – Oral Communication</u> COMM 1A, 1B, 44, 45 Course From Other College: _____					
<u>A2 – Written Communications</u> ENGL 1A Course From Other College: _____ Advanced Placement: _____					
<u>A3 – Critical Thinking*</u> ENGL 5 PHIL 10 *For some Engineering majors exceptions may apply (See a counselor for details) Course From Other College: _____					
AREA B: SCIENTIFIC INQUIRY AND QUANTATIVE REASONING – minimum of 9 semester (or 12 quarter) units, one from Physical Science, one from Life Science and one from Mathematics/Quantitative Reasoning. One lab activity required from either Physical Science or Life Science. (/L=with Lab) <u>B1 – Physical Science</u> ASTR 1, 10 CHEM 1A/L, 1B/L, 12A/L, 12B/L, 25 ¹ , 30A/L, 30B/L, 50/L GEOG 1, 9 GEOL 10 PHYSC 10, 15, 20, 22 PHYS 3A/L, 3B/L, 4A/L, 4B/L, 4C/L, 10 Course From Other College: _____ Advanced Placement: _____					
<u>B2 – Life Science</u> ANTHR 1 BIOL 1A/L, 1B/L, 2/L, 3/L, 4/L, 10/L, 11, 20A/L, 20B/L, 24/L Course From Other College: _____ Advanced Placement: _____					
<u>B3 – Laboratory Activity</u> – one course from either B-1 or B-2 with laboratory; or one of the following: ANTHR 1L GEOG 1L PHYSC 20L					
<u>B4 – Mathematics/Quantitative Reasoning (Must be completed with a grade of "C" or better)</u> MATH 2, 3A, 3B, 3C, 3E, 3F, 11, 13, 15, 50, 52A-C* PHYS 4A, 4B, 4C * 3 units required. Course From Other College: _____ Advanced Placement: _____					
AREA C: ARTS AND HUMANITIES – minimum of 9 semester (or 12 quarter) units divided between the C1 and C2 sub-groups. <u>C1 – Arts: Arts, Cinema, Dance, Music, Theater</u> ART 1, 2, 3, 4, 5, 6, 7, 129 ¹ DANCE 1, 5A, 5B MUSIC 2A, 2B, 3A, 3B, 4A, 4B, 9, 10, 12A, 12B, 14A, 14B, 15A, 15B THART 1, 10, 11 Course From Other College: _____ Advanced Placement: _____					
<u>C2 – Humanities: Literature, Philosophy, Languages Other Than English</u> AFRAM 6A, 29, 45* ASAME 30 CHIN 1, 2, 3, 4 COMM 2A, 2B ENGL 1B, 10A, 10B, 12, 17A, 17B, 20, 26, 30A, 30B, 31, 32A, 32B, 33A, 33B, 39, 43, 44A, 44B, 138 FREN 1A, 2A, 2B HUMAN 6, 7, 16, 30A, 30B, 31A, 31B, 40, 45* M/LAT 30A, 30B PHIL 1, 2, 20A, 20B, 30, 37 SOC 30 SPAN 1A, 1B, 2A, 2B, 22A, 22B, 40 * Students receive credit and certification for one course only. Course From Other College: _____ Advanced Placement: _____					

AREA D: SOCIAL SCIENCES – minimum of 9 semester (or 12 quarter) units from at least 2 departments.	R	IP	C	U	G
<p>AFRAM 1, 2, 5, 8, 9, 11, 15, 16, 17*, 23, 29, 30, 31, 32, 35**, 38</p> <p>ANTHR 2, 3, 5, 7, 14, 16</p> <p>ASAME 17*, 21, 26, 29, 32, 35**, 45A, 45B</p> <p>BIOL 27***</p> <p>COMM 19¹</p> <p>ECON 1, 2</p> <p>GEOG 1, 2, 3, 8</p> <p>* Students receive credit and certification for one course only. ** Students receive credit and certification for one course only. *** Students receive credit and certification for one course only.</p> <p>Course From Other College: _____ Advanced Placement: _____</p>					
<p>AREA E: LIFELONG LEARNING AND SELF-DEVELOPMENT – minimum 3 semester (or 4 quarter) units.</p> <p>AFRAM 12</p> <p>ASAME 32</p> <p>BIOL 27*, 28</p> <p>COUN 24, 30, 57</p> <p>HLTED 1</p> <p>PSYCH 6, 8, 12*, 30, 33</p> <p>* Students receive credit and certification for one course only.</p> <p>Course From Other College: _____</p>					
<p>CSU GRADUATION REQUIREMENT IN U.S. HISTORY, CONSTITUTION, AND AMERICAN IDEALS (<i>Not part of CSU-GE Breadth; may be completed prior to transfer</i>). Any of the following combinations are acceptable:</p> <p style="text-align: center;">POSCI 1 <u>and</u> HIST 7A <u>or</u> HIST 7B <u>or</u> AFRAM 30 <u>or</u> AFRAM 31</p> <p style="text-align: center;">POSCI 16 <u>and</u> HIST 7A</p> <p style="text-align: center;">POSCI 6 <u>and</u> POSCI 1, <u>and</u> HIST 7A <u>or</u> HIST 7B <u>or</u> AFRAM 30 <u>or</u> AFRAM 31</p> <p>NOTE: Courses used to meet this requirement may also be used to satisfy requirement in CSU GE/Breadth Area D, (at the option of the receiving CSU campus), although units are counted once. Students are encouraged to check with counselors for any recent changes in CSU campus exceptions.</p> <hr/> <p style="text-align: center;">CSU-GE Breadth Requirements Completed: _____ Full <u>or</u> _____ Partial</p> <p style="text-align: center;">CSU Graduation Requirement in U.S. History, Constitution, and American Ideals Completed: _____ Yes _____ No</p>					

Minimum admission eligibility for upper division transfer applicant: (1) completion of at least 60 transferable units with a minimum GPA of 2.0; (2) within total units completed, completion of a minimum of 30 lower division units of General Education/Breadth; and (3) completion of areas A1, A2, A3 and B4 with a grade of “C” or better.

Certification: Laney College, Peralta Community College District, can certify either full certification (completion of all requirements in each subject-area) or partial certification (completion by subject-area) of the CSU General Education/Breadth. Official transcripts of any coursework completed outside Peralta District must be on file prior or accompany the certification request. Courses taken at other California Community Colleges will be placed in the CSU-GE Breadth area identified by the offering college the term the course was taken. Courses taken at other colleges/universities may be used if the course content meets the CSU-GE Breadth area standards.

Students should request certification when a final transcript is requested to be sent to their choice of CSU (campus where admission has been accepted), the term prior to transfer. The "Request for Certification" form is available from a counselor or the Admissions & Records Office and can be filed in the Admissions and Records Office. Once certification is completed student records (transcript) will reflect the full or partial CSU-GE Breadth completion.

Students are encouraged to see a counselor by appointment to discuss transfer and the CSU-GE Breadth option as part of an education plan. Counselors are available by appointment through the Counseling Office located on the third floor of the Administration Building, Room 350, (510) 464-3152 or 464-3153.

¹Effective Fall 2009

APPENDIX C – Laney College

Intersegmental General Education Transfer Curriculum (IGETC) 2010-2011 ADVISING FORM

Student's Name:

_____ Last _____ First _____ Middle _____ Student ID # _____ Major _____

Legend: R=Remaining IP=In Progress C=Completed U=Units G=Grade

	R	I P	C	U	G
AREA 1 – ENGLISH COMMUNICATION CSU: 3 courses required, one each from Group A, B, and C. UC: 2 courses required, one each from Group A and B Group A: English Composition, 1 course, 3 semester (or 4-5 quarter) units ENGL 1A Course From Other College: _____ Advanced Placement: _____					
Group B: Critical Thinking – English Composition, 1 course, 3 semester (or 4-5 quarter) units ENGL 5 Course From Other College: _____					
Group C: Oral Communication (CSU requirement only), 1 course, 3 semester (or 4-5 quarter) units COMM 1A, 1B, 44, 45 Course From Other College: _____					
AREA 2 – MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING 1 course, 3 semester (or 4-5 quarter) units MATH 2, 3A, 3B, 3C, 3E, 3F, 11, 13, 15 Course From Other College: _____ Advanced Placement: _____					
AREA 3 – ARTS AND HUMANITIES At least 3 courses, with at least one from the Arts and one from the Humanities: 9 semester (or 12-15 quarter) units ARTS: ART 1, 2, 3, 4, 5, 6, 7 DANCE 1 MUSIC 2A, 2B, 3A, 3B, 4A, 4B, 9, 10, 12A, 12B, 15A, 15B Course From Other College: _____ Advanced Placement: _____					
HUMANITIES: AFRAM 6A, 29 FREN 2A+, 2B+ ASAME 30 HUMAN 6, 7, 16, 30A, 30B, 31A, 31B, 40 CHIN 2+, 3+, 4+ MLAT 30A, 30B ENGL 1B, 12, 17A, 17B, 20, 26, 30A, 30B, PHIL 1, 2, 20A, 20B, 37 31, 33A, 33B, 43, 44A, 44B, 138 SPAN 2A+, 2B+, 22B, 40 Course From Other College: _____ Advanced Placement: _____					
AREA 4 – SOCIAL AND BEHAVIORAL SCIENCES At least 3 courses from at least 2 disciplines or an interdisciplinary sequence: 9 semester (or 12-15 quarter) units AFRAM 1, 5, 8, 9, 11, 12, 14A#, 14B#, 15, 17*, HUMAN 45* 23, 30, 31, 32, 35**, 38, 45* JOURN 62 ANTHR 2, 3, 5, 7, 14, 16 LABST 10 ASAME 17*, 21, 26, 29, 32, 35**, 45A, 45B MLAT 12, 17*, 23, 31, 35** BIOL 27*** NATAM 1, 17*, 35** COMM 19¹ POSCI 1, 2, 3, 6, 18 ECON 1, 2 PSYCH 1A, 1B, 6, 7A#, 7B, 7L#, 12***, 24 GEOG 2, 3, 8 SOC 1, 2, 5, 13, 30 HIST 2A, 2B, 5, 7A, 7B, 17, 19, 32 Course From Other College: _____ Advanced Placement: _____					
AREA 5 – PHYSICAL AND BIOLOGICAL SCIENCES At least 2 courses, one from Physical Science and one from Biological Science; at least one must include a Laboratory (indicated by "L" in parentheses): 7-9 semester (or 9-12 quarter) units PHYSICAL SCIENCES: ASTR 1, 10 GEOL 10 CHEM 1A(L), 1B(L), 12A(L)#, 12B(L)#, PHYS 10#, 15#, 20, 20L, 22 25¹, 30A(L)#, 30B(L)# PHYS 3A(L)#, 3B(L)#, 4A(L)#, 4B(L)#, 4C(L)#, 10# GEOG 1, 1L, 9 Course From Other College: _____ Advanced Placement: _____					
BIOLOGICAL SCIENCES: ANTHR 1, 1L BIOL 1A(L), 1B(L), 2(L)#, 3(L), 4(L)#, 10(L)#, 11#, 20A(L)#, 20B(L)#, 24L# Course From Other College: _____ Advanced Placement: _____					
LANGUAGE OTHER THAN ENGLISH (UC Requirement Only) – Completion of one course (4-5 semester units) at college level, that is considered equivalent to 2 years of high school language, with a grade of "C" or better; OR Completion of two years of high school course work in one language other than English with a grade of "C-" or better (<u>official transcript required</u>); OR Completion of two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English (<u>documentation required</u>); OR Satisfactory score on the College Board Subject Test (formerly SAT II) in a language other than English (see a counselor for required scores); OR Score of 3 or better on the College Board Advanced Placement Examination in a language other than English; OR Score of 5 or better on the International Baccalaureate Higher Level Examination in a language other than English; OR Satisfactory completion of a proficiency test administered by a community college or university in a language other than English. Proficiency met by: _____ Laney Course(s) that meet the proficiency level: CHIN 1, FREN 1A, JAPAN 1A, SPAN 1A, 22A, (or more advanced level) _____ Course from other college: Course: _____ College: _____ (official transcript required) _____ Completed in high school or at institution where language of instruction is not English _____ Competency: Test name _____ Score: _____ Date: _____ _____ Proficiency Exam/Institution: _____ Score: _____ Date: _____					

CSU GRADUATION REQUIREMENT IN U.S. HISTORY, CONSTITUTION, AND AMERICAN IDEALS (Not part of IGETC; may be completed prior to transfer). Any of the following combinations are acceptable:

POSCI 1 **and** HIST 7A **or** HIST 7B **or** AFRAM 30 **or** AFRAM 31

POSCI 16 **and** HIST 7A

Political Science 1 **and** Political Science 6 **and** History 7A **or** History 7B **or** AFRAM 30 **or** AFRAM 31

NOTE: Courses used to meet this requirement **may** also be used to satisfy requirement in IGETC Area 4, (at the option of the receiving CSU campus), although units are counted once. Students are encouraged to check with a counselor for any recent changes in CSU campus exceptions.

R	IP	C	U	G

IGETC COMPLETED: ___ Full **or** ___ Partial

CSU Graduation Requirement in U.S. History, Constitution, and American Ideals Completed: ___ Yes ___ No

+ Courses designated with "+" may be counted in Language other than English and one additional area, i.e. Area 3: Humanities.

* **or** ** **or** *** Student receives credit for one course only.

¹ Effective Fall 2009

Indicates that transfer credit may be limited by either UC or CSU or both. Please see www.assist.org and consult with a counselor for additional information.

Completion of all the requirements in the Intersegmental General Education Transfer Curriculum (IGETC) with a grade of "C" or better will permit a student to transfer from a California community college to a campus in either the California State University (CSU) or the University of California (UC) system without the need after transfer to take additional lower-division general education courses. (Note exception: Students transferring to UC San Diego's Eleanor Roosevelt and Revelle Colleges may complete IGETC, but they must also meet specific general education requirements of those colleges.) It should be noted that completion of the IGETC is not a requirement for admission to the CSU or UC system. However to meet minimum transfer admission eligibility students may need to complete all of Area 1 and Area 2; check with counselor regarding the difference between minimum admission eligibility requirements and general education.

The IGETC is **not advisable** for all transfer students. The IGETC is most advantageous for transfers who have not yet decided on a major or a campus. Once a student has identified a major, it is important to give priority toward fulfilling all required major preparation courses, particularly in professional or "high unit" majors that select applicants on the basis of satisfaction of lower division major requirements. If a student is pursuing a major that requires extensive lower-division preparation, they may be better served by taking courses which fulfill the CSU General Education/Breadth requirements or the general education of the specific UC campus or college to which they plan to transfer, examples of such majors include, but are **NOT LIMITED** to: Engineering, Business Administration, Computer Science, Pre-professional schools and Sciences.

Restrictions: A student who is initially enrolled at a UC and is returning to the same UC campus (after attending a community college) is considered a "readmit" and **cannot** use IGETC. However students who initially enroll at a UC, attend a community college and return to a **different** UC campus, may be able to use IGETC, but should check with a Laney counselor or the campus they wish to attend. This restriction does not apply to students who have taken UC summer session or Extension classes only. Students initially enrolled at a CSU and then return to the same CSU campus (after attending a community college) should be directed to that campus for questions regarding the use of IGETC. (There is no CSU system-wide policy on this issue.)

Certification: Laney College, Peralta Community College District, can certify either full certification (completion of all requirements in each subject-area) or partial certification (maximum of two courses missing and completed after transfer) of IGETC. Official transcripts of any coursework completed outside Peralta District must be on file prior or accompany the certification request. Courses taken at other California Community Colleges will be placed in the IGETC area identified by the offering college the term the course was taken. Courses taken at other colleges/universities may be used if the course content meets the IGETC area standards. (Note: UC Berkeley's College of Letters & Science requires full certification of IGETC.)

Students should request certification when a final transcript is requested to be sent to their choice of UC or CSU (campus where admission has been accepted), the term prior to transfer. The "Request for Certification" form is available from a counselor or the Admissions & Records Office and can be filed in the Admissions and Records Office. Once certification is completed student records (transcript) will reflect the full or partial certification of IGETC Completion.

Students are encouraged to see a counselor by appointment to discuss transfer and the IGETC option as part of an education plan. Counselors are available by appointment through the Counseling Office located on the third floor of the Administration Building, Room 350, (510) 464-3152 or 464-3153.



Laney College
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Oakland, California 94607
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