

Apprenticeship Program Summary sheet

Division of Apprenticeship Standards (DAS)

To: Chief – Eric Rood

From: Jon Fowkes – Senior Apprenticeship Coordinator & President of AMTAC

CC: Glenna Linn, Program Planning & Review

Date: July 2019

Program Name: Advanced Manufacturing and Transportation Apprenticeship of California

Industry: Public/Civil Service – Waste Water Treatment

DAS file No.: 100345

Actions: New program/Occupations to eventually be merged under AMTAC

New Job Classifications in Waste Water Treatment to be specifically used for EBMUD – Sole employer for apprentices.

List of Labor Organizations representing employees:

AFSCME Local 444, 1800 OakportSt., Suite 1800, Oakland Ca., 94621

DISCLAIMER OF INTEREST IN THE BUILDING TRADES AND DISPATCH RESTRICTION

The EBMUD TTAP is not intended to train in the building and construction trades within the meaning of Labor Code section 3075, and is not eligible to dispatch or assign apprentices to external (i.e. non-EBMUD) public works projects with prevailing wage, or skilled and trained workforce requirements.

The EBMUD TTAP will train its apprentices to qualify for full-time employment at EBMUD as Plant Maintenance Worker II and Machining and Maintenance Worker II thereby serving as a feeder into their in-house advanced training program (i.e. the EBMUD Maintenance Trades Training Program [MTTP]).

The program will not train or dispatch apprentices for any other employer.

PROPOSED OCCUPATION(s) & WAGE RATES(s)

All wage information provided below is based on the EBMUD official salary schedule approved and effective as of April 15, 2019.

•Machining and Maintenance Worker II

O*NET - 51-4041.00

- Machining and Maintenance Worker II Entry-Level Wage: **\$6,507/month** (plus full employee benefits)
- Proposed Apprentice Wage Rate(s): **\$5,124/month** (plus full employee benefits, except pension)
- Proposed No. of Apprentices: 1 - 3

•Plant Maintenance Worker II

O*NET – 49-9043.00

- Plant Maintenance Worker II Entry-Level Wage: **\$6,507/month** (plus full employee benefits)
- Proposed Apprentice Wage Rate(s): **\$5,124/month** (plus full employee benefits, except pension)
- Proposed No. of Apprentices: 1 - 2

NOTE:

The employer sponsor will start apprentices at wages above **78.74%** of the Worker II level wage for each occupation. The completion of TTAP is just the first step in a multiple-step employer-training program (the EBMUD MTTP, described earlier) that would result in journey worker annual **wages of \$7,005/month plus benefits.**



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AMTAC, Inc.
10260 MacArthur Blvd.
Oakland, California 94605
(510) 846-0206
amtac-apprentice.org
501(c)(3) Non-Profit
Federal ID 38-4003130

AMTAC – EAST BAY MUNICIPAL UTILITY DISTRICT TECHNICAL TRADES APPRENTICESHIP PROGRAM

EXECUTIVE SUMMARY

Through the support of the California Community College Chancellor's Office's California Apprenticeship Initiative (CAI), with Contra Costa Community College District and Peralta Community College District AMTAC will help train, employ and retain the next generation of transportation, manufacturing and water agency technical professionals. This program enables Bay Area employers to address the need for qualified technicians, mechanics and machinists by maximizing the capacity of their existing workforce *and* accessing a diverse pool of highly qualified and trainable new workers.

Starting in 2017, AMTAC will train 50+ new apprentices and will target women, veterans and other under-represented workforce populations. This California Division of Apprenticeship Standards (DAS) registered program design includes a minimum of 144 Related Supplemental Instruction (RSI) hours and 2,000 paid On-the-Job Training (OJT) hours per year. AMTAC has developed various job classifications from 18 months to 5 years depending on the scope of the training requirements. The program is structured as follows:

- Both Joint Apprenticeship Committees (JAC) for Union Employers and Unilateral Apprenticeship Committees (UAC) for Non-Union Employers will set apprenticeship rules, regulations and wage rates;
- AMTAC uses multiple community colleges across the State of California to act as the local education agency (LEA) to support apprentice and employer success;
- Employers hire apprentices up-front; current and new employees are eligible;
- Apprentices are enrolled into the assigned LEA and attend college while being a full-time employee;
- Apprentices take evening or online courses during the length of their job classification, culminating in an Apprenticeship Completion Certificate and Journeyman Card where applicable;
- Employers provide on-the-job training and mentoring to apprentices during their training period; and
- Apprentices typically progress into full employment after completing the program; the only exceptions are municipalities that cannot guarantee full time employment at the completion of the program.

In furtherance of this effort, AMTAC has partnered with East Bay Municipal Utility District (EBMUD) to develop the proposed Technical Trades Apprenticeship Program (EBMUD TTAP). EBMUD TTAP will prepare apprentices to compete for technical trades careers in the water and wastewater industry using the general AMTAC structure outlined above. The specific details of the TTAP program are provided in the attached documents.

**ADVANCED MANUFACTURING
AND
TRANSPORTATION
APPRENTICESHIPS OF CALIFORNIA
(AMTAC)**

**Apprenticeship
Program
Standards
Adopted on**

DISTRICT # 06
DAS FILE # 100345

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**APPRENTICESHIP STANDARDS
of the
ADVANCED MANUFACTURING AND TRANSPORTATION
APPRENTICESHIPS OF CALIFORNIA (AMTAC)**

ARTICLE I Purpose and Policy

The parties hereto declare it to be their purpose and policy to establish an organized, planned system of apprenticeship, conducted as an education sponsored, employer based undertaking.

These standards have, therefore, been adopted and agreed upon under the Shelley-Maloney Apprentice Labor Standards Act of 1939, as amended, to govern the employment and training of apprentices in the trade, craft or occupation defined herein, to become effective upon their approval.

ARTICLE II Craft, Trade, Occupation

Occupation	O*Net	ATTACHMENT
Machining and Maintenance Worker II	51-4041.00	Attachment B-1
Plant Maintenance Worker II	43-3042.00	Attachment B-2

ARTICLE III Organization

There is hereby established the above named master apprenticeship committee. The committee shall consist of eight (8) member's four (4) members from participating JAC and four (4) from participating UAC. In addition, thereto, there shall be one apprenticeship consultant representing the Division of Apprenticeship Standards and one advisor from the Local Education Agency and such other advisors as the committee shall determine. Such advisors and the apprenticeship consultant shall act without vote.

- For each employer participating in this program, an "Employer Subscription Agreement" (DAS 752) will be provided to specify the information particular to that employer as noted herein, including the option to waive or offer participation on the committee, employer committee members will be selected as outlined in the rules & regulations.
- There is hereby established the above named master apprenticeship committee shall be statewide, covering Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Imperial, Inyo, Kern, Kings, Lake, Lassen, Los Angeles, Madera, Marin, Mariposa, Mendocino,

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Merced, Modoc, Mono, Monterey, Napa, Nevada, Orange, Placer, Plumas, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Ventura, Yolo and Yuba Counties.

ARTICLE IV Jurisdiction

These standards shall apply to employers who subscribe hereto, and to all apprenticeship agreements hereunder.

ARTICLE V Functions

The functions of the apprenticeship committee shall be to:

1. develop an efficient program of apprenticeship through systematic on-the-job training with related and supplemental instruction and periodic evaluation of each apprentice;
2. make periodic evaluations of the progress of each apprentice's on-the-job training related and supplemental instruction;
3. establish a mechanism to be used for the rotation of the apprentice from work process to work process to assure the apprentice complete training;
4. serve in an advisory capacity with employers and employees in matters pertaining to these standards;
5. aid in the adjustment of apprenticeship disputes;

ARTICLE VI Responsibilities

The responsibilities of the apprenticeship committee shall be to:

1. supervise the administration and enforcement of these standards;
2. adopt such rules and regulations as are necessary to govern the program provided, however, that the rules and regulations do not conflict with these standards;
3. oversee the program's ability, including financial ability, and commitment to meet and carry out its responsibilities under the federal and state law and regulations applicable to the apprenticeable occupation and for the welfare of the apprentice. Funding for training is as follows: See Attachment F to the Program Standards;

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4. conduct orientations, workshops or other educational sessions for employers to explain the apprenticeship program's standards and the operation of the apprenticeship program;
 5. pass upon the qualification of employers and, when appropriate, to suspend or withdraw approval;
 6. conduct on-going evaluation of the interest and capacity of employers to participate in apprenticeship program and to train apprentices on the job;
 7. determine if an employer has the work site facilities, skilled workers as trainers at the work site, and equipment sufficient to train apprentices;
 8. pass upon the qualifications of apprentice applicants;
 9. file a signed copy of each apprentice agreement with the Secretary of the California Apprenticeship Council, with copies to all parties to the agreement;
 10. establish and maintain a record system for on-the-job training and related instruction;
 11. use every effort to keep the apprentice employed in a reasonably continuous manner and adequately instructed;
 12. provide disciplinary procedures for apprentices including provisions for fair hearings;
 13. adopt changes to these standards, as necessary, subject to the approval of the parties hereto and the Chief of the Division of Apprenticeship Standards;
 14. implement a program for training and education regarding illegal discrimination and sexual harassment;
 15. prepare and submit an annual Self-Assessment Review, and Program Improvement Plan;
 16. participate in the development of, and/or comply with approved industry training criteria;
 17. insure there is meaningful representation of the interests of apprentices in the management of the program.

ARTICLE VII Definition of an Apprentice

An apprentice is a person at least 18 years of age, who has met the requirements for selection under the selection procedures of participating employer, who is engaged in learning a designated *trade* and who has entered into a written apprentice agreement under the provisions of these standards.

ARTICLE VIII Duties of an Apprentice

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Each apprentice shall satisfactorily perform all work and learning assignments both on the job and in related instruction and shall comply with the rules, regulations and decisions of the apprenticeship committee.

ARTICLE IX Apprentice Agreement

1. Each apprentice agreement shall conform to the State law governing apprentice agreements, and shall be signed by the employer and by the program sponsor and by the apprentice and must be approved by the apprenticeship committee;
2. Each apprentice shall be furnished a copy of or be given an opportunity to study these standards before indenture. These standards shall be considered a part of the apprentice agreement as though expressly written therein;

ARTICLE X Termination and Transfer of Agreements

1. During the probationary period, an apprentice agreement shall be terminated by the apprenticeship committee at the request in writing of either party. After such probationary period an apprentice agreement may be terminated by the Administrator by mutual agreement of all the parties thereto or cancelled by the Administrator for good and sufficient reason;
2. If an employer is unable to fulfill his/her obligations to train under any apprentice agreement or in the event of a layoff, the apprenticeship committee may, with the approval of the Administrator, transfer such agreement to any other employer if the apprentice consents, and such other employer agrees to assume the obligation of said apprentice agreement.

ARTICLE XI Related and Supplemental Instruction

Occupation	O*Net	ATTACHMENT
Machining and Maintenance Worker II	51-4041.00	Attachment B-1
Plant Maintenance Worker II	43-3042.00	Attachment B-2

ARTICLE XII Lay-off

1. If for any reason a lay-off of an apprentice occurs, the apprentice agreement shall remain in effect unless cancelled by the Administrator. However, credit for related instruction shall be given when the apprentice continues such instruction during the lay-off;

2. There shall be no liability on the part of the employer, the program, or the committee for an injury sustained by an apprentice engaged in schoolwork at a time when the apprentice is unemployed.

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ARTICLE XIII Controversies

All controversies or differences concerning apprentice agreements that cannot be adjusted locally by the apprenticeship committee or otherwise shall be submitted to the Administrator for determination.

ARTICLE XIV Term of Apprenticeship

Occupation	O*Net	ATTACHMENT
Machining and Maintenance Worker II	51-4041.00	Attachment B-1
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ARTICLE XV Ratio

Occupation	O*Net	ATTACHMENT
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ARTICLE XVI Wage Schedule

Occupation	O*Net	ATTACHMENT
Machining and Maintenance Worker II	51-4041.00	Attachment B-1
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ARTICLE XVII Work Training

Occupation	O*Net	ATTACHMENT
Machining and Maintenance Worker II	51-4041.00	Attachment B-1
Plant Maintenance Worker	43-3042.00	Attachment B-2

ARTICLE XVIII Safety & Health and Recognition of Illegal Discrimination and Sexual Harassment

1. Each apprentice shall receive training and education in first aid, safe working practices and in the recognition of occupational health and safety hazards;
2. Each apprentice shall receive training in the recognition of illegal discrimination and sexual harassment;

ARTICLE XIX Certificate of Completion

1. Upon evidence of satisfactory completion of apprenticeship, and upon the recommendation of the apprenticeship committee, each apprentice will be issued a Certificate of Completion by the authority of the California Apprenticeship Council;
2. In recognition of unusual ability and progress, the apprenticeship committee may decrease the term of apprenticeship for an individual apprentice not more than 12 ½ percent;
3. An apprentice may be credited time for previous experience if that experience is of an approved nature, and shall have completed not less than six months as an apprentice.

ARTICLE XX California Plan for Equal Opportunity in Apprenticeship

Each subscribed employer will be responsible for complying with the California Plan for Equal Opportunity in Apprenticeship requirements.

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The foregoing standards are hereby agreed to and adopted on Aug. 5, 2019
(Committee approval date)

Employee Organization

Employer Organization

Automotive Industry Apprenticeship Trust
Fund

California Tooling & Machining
Apprenticeship Assoc.

Organization Name

Organization Name

10260 McArthur Blvd

107 Dublin Court

Address

Address

Oakland, CA 94605

Petaluma, CA 94952

City, State, Zip

City, State, Zip

James Beno

Grant Kerr

Type Name of Authorized Representative

Type Name of Authorized Representative

Chairman of the AMTAC Board

Secretary of the AMTAC Board

Title

Title


Signature

8/5/19
Date


Signature

8/5/19
Date

The foregoing apprenticeship standards, being in conformity with the rules and regulations of the California Apprenticeship Council, the California Code of Regulations, and applicable Federal Regulations are hereby approved August 5, 2019.

(DAS approval date)

Eric Rood
Chief, Division of Apprenticeship Standards

Date

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ATTACHMENT A

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**ADVANCED MANUFACTURING AND TRANSPORTATION
APPRENTICESHIP OF CALIFORNIA (AMTAC)**

107 Dublin Court
Petaluma, CA 94952

LIST OF COMMITTEE MEMBERS

Automotive Industry Apprenticeship Trust Fund

Don Crosatto
10260 MacArthur Blvd
Oakland, CA 94605

James Beno
8201 Capwell Drive
Oakland, CA 94621

Don Macinnes
8200 Baldwin St
Oakland, CA 94402

Harlond Hauck
47487 Tangier Palm
Desert, CA 92260

California Tooling & Machining Apprenticeship Assoc.

Bob Whitlock
1330 Clegg Street
Petaluma, CA 94954

Mike Maendll
1310 Stub Road
Petaluma, CA 94952

Randy Potter
1209 Polk St.
Benicia, CA 94510

Michael Cauana
525 Sonoma Mtn Road
Petaluma, CA 94954

COMMITTEE ADVISORS

Local Educational Agency (LEA)

Contra Costa College

Susan Lee
2600 Mission Bell Drive
San Pablo, CA 94806

College of Alameda

Dr. Joi Lin Blake
555 Ralph Appezato Memorial Parkway
Alameda, CA 94501

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Diablo Valley College

Peter Garcia
321 Golf Club Road
Pleasant Hill, CA 94523

Laney College

Peter Crabtree
CTE Division II 900 Fallon Street
Oakland, CA 94607

Los Medanos College

Bob Kratochvic
2700 East Leland Road
Pittsburg, CA 94112

Apprenticeship Consultant

Division of Apprenticeship Standards
San Francisco District Office
Eric Franchimon
455 Golden Gate Avenue, 9th Floor
San Francisco, CA 94102

ATTACHMENT B-1

TRAINING SCHEDULE AND WORKING CONDITIONS OF THE ADVANCED MANUFACTURING AND TRANSPORTATION APPRENTICESHIPS OF CALIFORNIA (AMTAC)

Occupation: *1
Machining and Maintenance Worker II

O*NET:
51-4041.00

ARTICLE I. Term of Apprenticeship and Probation

The standard term of apprenticeship shall be at least 2700 work-training hours, a minimum of 216 classroom hours, and should be completed in eighteen (18) months.

The Joint Apprenticeship Committee (JAC) on an exception basis only as set can extend the term of apprenticeship forth fully in the Policies and Procedures. The term may be extended for an additional six (6) months but total length of the apprenticeship shall not exceed twenty-four (24) months in any case.

There will be no probationary period as this is a limited term position.

ARTICLE II. Wage Schedule

Machining and Maintenance Worker II Entry-Level Wage:

Target Step Worker II Scale: \$6,507.00 Effective date: 04/15/2019

Apprentices shall be paid not less than the following:

Wage Schedule: Machining and Maintenance Worker II -- O*NET 51-4041.00W

<u>Period</u>	<u>Hours</u>	<u>Months</u>	<u>Amount/month</u>	<u>% of target class entry wage</u>
1 st period	900	6 months	\$5,124	78.74%
2 nd period	1800	12 months	\$5,380	82.68%
3 rd period	2700	18 months	\$5,649	86.81%

¹ Traditionally in apprenticeship programs, wage progression is based on the resultant position to which the apprentice is being trained, in this case Machining & Maintenance Worker II. Therefore, wage rate for the Technical Trades Apprentice classification is based on the average entry-level wage of the Worker II classification. See "EBMUD Notes" section starting on page 6 for additional details specifically related to apprentices at EBMUD.

Advancement Schedule:

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To advance through each of the three periods listed above, the apprentice shall have met the following requirements:

1. Satisfactory completion of at least 80% of required on-the-job work hours for the relevant period; and
2. Satisfactory completion of six (6) months in the program for the relevant period noted above; and
3. Satisfactory completion of 72 related and supplemental instruction school hours for the relevant period.

Overtime Provision:

All overtime shall be paid in compliance with state and federal laws and as modified by the employer's MOU.

Time spent in class of Related Instruction shall not be compensated.

Hours of Work and Working Conditions

1. Straight time hours per day: 8 hours; 40 hours per week. The target hours for the classification are set forth more fully under the Work Process Schedule (below).
2. The workday and work week shall not be greater than for those of journey workers and all other conditions of employment for apprentices shall conform to all applicable laws and regulations.
3. Overtime shall not be allowed if it will interfere with or impair the training of the apprentice (e.g. interfere with their class schedule) or be detrimental to the health and safety of the apprentice.

ARTICLE III. Work Training

1. The employer shall ensure that all apprentices are under the supervision of a qualified journey worker or instructor and shall provide the necessary diversified experience and training in order to train and develop the apprentice into a skilled worker, proficient in all the work processes of the trade as outlined herein.
2. Each apprentice shall be trained in the use of new equipment, materials and process as they come into use in the occupation.
3. Each apprentice shall receive training and education in first aid, safe working practices and in the recognition of occupational health and safety hazards.

4. Each apprentice shall receive training in the recognition of illegal discrimination and sexual harassment.
5. The major work processes in which apprentices will be trained (although not necessarily in the order listed) and the approximate hours (not necessarily continuous) to be spent on each are as follows:

Work Processes:		Minimum	Target	Maximum
Machining and Maintenance Worker II -- O*NET 51-4041.00W		80%	100%	120%
A	In-shop job planning & preparation: layout, tool upkeep/ selection I application, sketching, safety training, estimating, tool grinding, tool room inventory	248	310	372
B	Process control, documentation & quality: material identification, in process inspection, final inspection of in-shop machines	68	85	102
C	Shop maintenance: Preventative maintenance, lubrication, coolant changes, calibration, cleaning of machines	104	130	156
D	Central tool room: Maintenance and repair of portable tools used in the facility (hydraulic and pneumatic)	204	255	306
E	Drilling: General drilling, tapping, reaming, on floor and radial drill press for in-shop use	72	90	108
F	Stationary tools: Grinders, sanders, pipe threader and miscellaneous equipment used in-shop	128	160	192
G	Bench Work: Deburring, fit-up, assembly, fabrication and use of power tools, hand tools and tool grinding as used in-shop for repairs and maintenance	248	310	372
H	Lathe: Set up and operation for shop use	408	510	612
I	Milling: Set up and operation for shop use	408	510	612
J	Oxy-Acetylene cutting and heating used in-shop	120	150	180
K	Welding, 6010, 7018 for shop use and related field work	152	190	228
TOTAL HOURS			2700 *	

* 2700 hours of On-the-Job Training are required to complete the apprenticeship. A minimum of 80% and a maximum of 120% of the work process hours for any category are required/will be accepted, respectively.

* The 2700 hours does not include mandatory Cal OSHA training time or Harassment Prevention training time, both of which will be completed during paid work time.

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Certification:

All apprentices shall satisfactorily complete Cal-OSHA 30 hour training at the beginning of the apprenticeship.

ARTICLE IV. Ratio

A qualified employer may employ one (1) apprentice when at least three (3) journey workers are regularly employed, and one (1) additional apprentice for each three (3) journey workers employed.

ARTICLE V. Related & Supplemental Instruction

Apprentices shall satisfactorily complete prescribed courses of related and supplemental instruction, which will not be less than 144 hours within a 12-month period.

Required College Curriculum/Core Courses:

College	Course Number	Course Title ^{*1}	Units	Hours
		Core Courses ^{*2}		
Laney College	MACH 210	Machine Tool Technology 1	5	157.5
Laney College	MACH 220	Machine Tool Technology 2	5	157.5
Laney College	TBD	Civil Service Prep Test	NC ^{*3}	44
Laney College	MACH 205	Engineering Drawings for Machinists, Welders & Industrial Maintenance Technicians	3	52.5
		Elective Courses ^{*4}		
Laney College	MACH 230	Machine Tool Technology 3	5	157.5
Laney College	MATH 221	Technical Mathematics	4	70
Laney College	MACH 208	Theory, Operation & Maintenance of Industrial Pumps	3	86.5

**1 Course Title and hours may vary between colleges. Apprentices are expected to attend classes at Laney College unless a class is unavailable. If a class is unavailable, an apprentice may take an equivalent class at a community college that has been approved by the Joint Apprenticeship Committee (JAC).*

*2 Core courses are required. Elective courses may be taken if core courses are not available or have been satisfied, or at the request of the employer.

*3 NC – No credit

*4 In lieu of the Elective Courses set forth above, an apprentice may take different course if they have already taken a course listed and the proposed course is approved by the JAC.

Self-Study required Curriculum/Courses:

Course *5	Lessons	Competency Expectations
Training 360 Basic Mechanics	Science: Applied Physics I – Work, Energy & Power Applied Physics II – Laws of Motion Applied Physics III – Heat Transfer Applied Physics IV – Fluid Mechanics	Achieve Pre-set Passing Score for each sub-test
	Precision Measuring Instruments	“ “
	Hand Tools: Hand Tools I Hand Tools II – Laws of Motion Power Tools	“ “
	Static & Dynamic Sealing: Threaded Fasteners, Torque & Tension	“ “
Training 360 Mathematics	Mathematics: Decimals & Percentages Exponents & Scientific Notation Fractions Fundamentals of Algebra Fundamentals of Geometry Fundamentals of Trigonometry Scientific Calculator Use Whole Numbers	“ “
Laney Self-Study	NIMs Machining Level 1: Measurement, Materials, Safety & Job Planning, Bench Work and Layout.	“ “

*5 The self-study materials may be changed or updated as approved by the JAC.

EBMUD NOTES:

The following notes clarify implementation of this training schedule at EBMUD.

ATTACHMENT B-2

TRAINING SCHEDULE AND WORKING CONDITIONS OF THE ADVANCED MANUFACTURING AND TRANSPORTATION APPRENTICESHIPS OF CALIFORNIA (AMTAC)

Occupation:
Plant Maintenance Worker II

O*NET:
49-9043.00

ARTICLE I. Term of Apprenticeship and Probation

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There will be no probationary period as this is a limited term position.

ARTICLE II. Wage Schedule

Plant Maintenance Worker II Entry-Level Wage:

Target Step Worker II Scale: \$6,507.00 Effective date: 04/15/2019

Apprentices shall be paid not less than the following:

Wage Schedule: Plant Maintenance Worker II -- O*NET 43-9043.00

<u>Period</u>	<u>Hours</u>	<u>Months</u>	<u>Amount/month</u>	<u>% of target class entry wage</u>
1 st period	900	6 months	\$5,124	78.74% %
2 nd period	1800	12 months	\$5,380	82.68% %
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2. Satisfactory completion of six (6) months in the program for the relevant period noted above; and

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Overtime Provision:

All overtime shall be paid in compliance with state and federal laws and as modified by the employer's MOU.

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1. Straight time hours per day: 8 hours; 40 hours per week. The target hours for the classification are set forth more fully under the Work Process Schedule (below).
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ARTICLE III. Work Training

1. The employer shall ensure that all apprentices are under the supervision of a qualified journey worker or instructor and shall provide the necessary diversified experience and training in order to train and develop the apprentice into a skilled worker, proficient in all the work processes of the trade as outlined herein.
2. Each apprentice shall be trained in the use of new equipment, materials and process as they come into use in the occupation.
3. Each apprentice shall receive training and education in first aid, safe working practices and in the recognition of occupational health and safety hazards.
4. Each apprentice shall receive training in the recognition of illegal discrimination and sexual harassment.
5. The major work processes in which apprentices will be trained (although not necessarily in the order listed) and the approximate hours (not necessarily continuous) to be spent on each are as follows:

Work Processes:		Minimum	Target	Maximum
Plant Maintenance Worker II -- O*NET 49-9043.00		80%	100%	120%
A	In-shop Safety Practices – Knowledge of shop and field safety practices. Complete required safety training. Adhere to work & Safety rules, procedures & policies.	120	150	180
B	Safety Practices – Skill in operating a motor vehicle safely for plant operations to include: <ul style="list-style-type: none"> • Proper Load Distribution • Securing Load Properly • Setting up the vehicle for installed crane operation • Parking on slopes • Vehicle Crane Operation 	40	50	60
C	Basic Knowledge of safe rigging practices.	40	50	60
D	Basic Knowledge of the principles & operation of in-plant equipment: Pumps, Motors, Valves, Regulators, Pneumatic Tools, Hydraulic Systems and Chemical feed systems	320	400	480
E	Basic Knowledge of the various types of pump/motor couplings.	40	50	60
F	Basic Knowledge of the proper use and maintenance of hand & power tools.	160	200	240
G	Basic Knowledge of the proper use and maintenance of the following plant equipment: <ul style="list-style-type: none"> • Metal Fabrication tools • Band Saws • Pipe Threading Machines • Drill press & Grinders 	120	150	180
H	Basic Knowledge of the methods, materials and tools used in plumbing installation and repair for in-plant maintenance.	160	200	240
I	Knowledge of the principals, operation and basic troubleshooting of in-plant Gear & wench systems	40	50	60
J	Mechanical shop practice: Inspection & maintenance of in-plant pumps, valves & motors.	240	300	360
K	Basic skills in measuring devices such as; Scales, Tape rules, Micrometers, Dial Indicators, Vernier calipers.	64	80	96
L	Basic skills in reading mechanical drawings & manuals	120	150	180

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M	Maintaining accurate records	120	150	180
N	Other, O ₂ Plant, Dewatering, Digesters, IPS, PGS, SLW/FOG, SED Tanks, Aerated Grift, Secondary Clarifiers (Plant Specific)	576	720	864
TOTAL HOURS			2700 *	

**2700 hours of On-the-Job Training are required to complete the apprenticeship. A minimum of 80% and a maximum of 120% of the work process hours for any category are required/will be accepted, respectively.*

**The 2700 hours does not include mandatory Cal OSHA training time or Harassment Prevention training time, both of which will be completed during paid work time.*

Certification:

All apprentices shall satisfactorily complete Cal-OSHA 30 hour training at the beginning of the apprenticeship.

ARTICLE IV. Ratio

A qualified employer may employ ___1___ apprentice when at least ___3___ journey workers are regularly employed, and ___1___ additional apprentice for each ___3___ journey workers employed.

ARTICLE V. Related & Supplemental Instruction

Apprentices shall satisfactorily complete prescribed courses of related and supplemental instruction, which will not be less than 144 hours within a 12-month period.

Required College Curriculum/Core Courses:

College	Course Number	Course Title ^{*1}	Units	Hours
Core Courses ^{*2}				
Laney College	MACH 210	Machine Tool Technology 1	5	157.5
Laney College	WELD 205	Introduction to Welding	3	105
Laney College	WELD 221A	Beginning Oxygen-Acetylene Welding (OAW)	3	105
Laney College	TBD	Civil Service Prep Test	NC ^{*3}	44

		Elective Courses*4		
Laney College	MACH 220	Machine Tool Technology 2	5	157.5
Laney College	MACH 230	Machine Tool Technology 3	5	157.5
Laney College	MATH 221	Technical Mathematics	4	70
Laney College	MACH 208	Theory, Operation & Maintenance of Industrial Pumps	3	86.5

*1 Course Title and hours may vary between colleges. Apprentices are expected to attend classes at Laney College unless a class is unavailable. If a class is unavailable an apprentice may take an equivalent class at a community college that has been approved by the Joint Apprenticeship Committee (JAC).

*2 Core courses are required. Elective courses may be taken if core courses are not available or have been satisfied, or at the request of the employer.

*3 NC – No credit

*4 In lieu of the Elective Courses set forth above, an apprentice may take different course if they have already taken a course listed and the proposed course is approved by the JAC.

Self-Study required Curriculum/Courses:

Course*5	Lessons	Competency Expectations
109.1 - Industrial Safety & Health	1 through 7, & 10 through 12	Achieve Pre-set Passing Score for each sub-test
103 – Mathematics in the plant	All Lessons	“ “
107 – Hand tools	1 through 4, & 8 through 10	“ “
101 – Blueprint Reading	1 through 7 & 10	“ “
302 – Lubricants & lubrication	All Lessons	“ “
304 - Bearings	All Lessons	“ “
301 – Basic Mechanics	All Lessons	“ “

*5 The self-study materials may be changed or updated as approved by the JAC.

EBMUD NOTES:

The following notes clarify implementation of this training schedule at EBMUD.

Resultant Occupation:

EBMUD Plant Maintenance Worker II

ADDENDUM - C

ARTICLE XX

Addendum to Apprenticeship Standards for the:
ADVANCED MANUFACTURING AND TRANSPORTATION
APPRENTICESHIPS OF CALIFORNIA (AMTAC)

<u>Occupations</u>	<u>ONet Codes</u>	<u>ATTACHMNT</u>
Machining & Maintenance Worker II	51-4041.00	Attachment W1
Plant Maintenance Worker II	49-9043.00	Attachment W2

Area Covered by Standards: There is hereby established the above named apprenticeship committee, covering Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Imperial, Inyo, Kern, Kings, Lake, Lassen, Los Angeles, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Nevada, Orange, Placer, Plumas, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Ventura, Yolo and Yuba Counties

Approved Statistical Area for Recruitment: There is hereby established the above named apprenticeship committee, covering Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Imperial, Inyo, Kern, Kings, Lake, Lassen, Los Angeles, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Nevada, Orange, Placer, Plumas, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Ventura, Yolo and Yuba Counties

THE ABOVE-NAMED PROGRAM SPONSOR, IN ACCORDANCE WITH THE
CALIFORNIA PLAN FOR EQUAL OPPORTUNITY IN APPRENTICESHIP,
DECLARES THE FOLLOWING TO BE ITS SELECTION PROCEDURES:

I. Pledge:

The recruitment, selection, employment, and training of apprentices during their apprenticeship shall be without discrimination because of race, color, religion, national origin, or sex. The sponsor will take affirmative action to provide equal opportunity in apprenticeship for both minorities and women and will operate the apprenticeship program as required under Title 29 of the Code of Federal Regulations, Part 30, and equal opportunity regulation of the State of California.

II. Dissemination of Information:

Information will be disseminated in the area of jurisdiction to the following:

a. U.S. Department of Labor Office of Apprenticeship Training, Employer and Labor Services

90-7th Street, Suite 17-100, San Francisco, CA 94103-1516

b. State of California, Department of Industrial Relations, Division of Apprenticeship Standards (DAS)

(DAS Office addresses – See Attachment C (1)(b) - statewide list)

c. California Employment Development Department (EDD)

(EDD Office addresses – See Attachment C (1)(c) - statewide list)

d. County Superintendent of Schools

(Superintendent Office addresses – See Attachment C (1)(d) - statewide list)

e. Community Colleges

(Community Colleges addresses – See Attachment C (1)(e) - statewide list)

- f. Other Outreach, minority organizations, and women's groups that can be used to recruit and refer applicants to help meet program sponsor's goals and timetables. The apprentice program shall provide a list upon request.

III. Affirmative Action Program:

We will engage in outreach and positive recruitment activities, which will increase minority and women's participation in our area as follows:

- A. Develop fair and impartial selection procedures and an affirmative action plan in accordance with existing laws and regulations;
- B. Apply them uniformly in the selection of applicants for apprenticeship;
- C. Recruitment efforts will be made to minorities, women, veterans, and other underserved populations;
- D. Efforts will be made to provide pre-apprenticeships to prepare those who may need assistance to qualify.

IV. Written Applications:

Upon employer's determination of the need to employ and train an apprentice, each individual participating employer will accept applications at employer's place of employment.

V. Selection of Apprentice Applicant:

Applicants will be selected by individual participating employers using selection method #4, as outlined in the California Code of Regulations, Title 8, Chapter 2, Part 1, Section 215, Chapter 6, from a pool of eligible created during the employer's established recruiting process in accordance with State and Federal Equal Opportunity regulations.

- A. Each participating employer, upon determination of the need to employ and train an apprentice, will indenture an apprentice after upholding a fair and consistent sourcing, recruiting and evaluation process;
- B. Minimum age of all applicants shall be 18 years. No maximum age;
- C. Educational prerequisites for entry: High School Diploma or GED/equivalent;
- D. Physical requirements for entry:
 - a. Must have the ability to safely perform the work of the trade;
 - b. Drug screening prior to indenture and/or employment, as well as random drug screening throughout the apprenticeship program may be required for selection and/or continued participation/employment;

E. Applicant's prior work experience and training will be evaluated by the committee at the time of indenture, and appropriate credit will be given toward on-the-job training hours and related supplemental instruction.

VI. Goals and Timetables:

Total Population in Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Imperial, Inyo, Kern, Kings, Lake, Lassen, Los Angeles, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Nevada, Orange, Placer, Plumas, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Ventura, Yolo and Yuba Counties is 33,871,648 as of 2000 census.

Percent of Females in the Work Force:	45.1%
Goals for Intake of Females:	22.6%

MINORITIES (MEN AND WOMEN)

<u>Ethnic Group</u>	<u>Goals % of Total Active</u>
Black (Not Hispanic)	6.7%
Asian & Pacific Islander	8.6%
American Indian & Alaskan Native	0.8%
Filipino	3.2%
Hispanic	32.4%
Total Minorities:	<u>51.6%</u>

VII. Records:

Cal Plan and all other records will be maintained for five years and kept at the:

**Advanced Manufacturing and Transportation Apprenticeships of California (AMTAC)
10260 MacArthur Blvd
Oakland, CA 94605**

VIII. Annual Compliance:

Program sponsor will submit an annual compliance report to the Division of Apprenticeship Standards at such time as requested by the Division.

Attachment C (1)(b)

b Statewide list for California Division of Apprenticeship Standards

San Francisco District Office
455 Golden Gate Avenue, 9th floor
San Francisco, CA 94102
(415) 733-1128
(415) 703-5427 (fax)

San Jose District Office
100 Paseo de San Antonio, room 125
San Jose, CA 95113
(408) 277-1273
(408) 277-9612 (fax)

Fresno District Office
2550 Mariposa Mall, room 3060
Fresno, CA 93721
(559) 445-5431
(559) 445-6294 (fax)

Sacramento District Office
160 Promenade Circle, Suite 320
Sacramento, CA 95835
(916) 928-6800
(916) 9284745 (fax)

Los Angeles District Office
320 West 4th Street, suite 830
Los Angeles, CA 90013
(213) 576-7750
(213) 576-7758 (fax)

San Diego District Office
7575 Metropolitan Drive, suite 209
San Diego, CA 92123
(619) 767-2045
(619) 767-2047 (fax)

Attachment C (1) (c)

c. Statewide List for California Employment Development Department (EDD)

Alameda	Fremont 39165 Liberty St, B200 Fremont, Ca 94538
	Hayward 24100 Amador Street, 3rd Fl Hayward, CA 94544
	Oakland 1212 Broadway, Ste 100 Oakland, CA 94612
Butte	Oroville One Stop Employment Services 78 Table Mountain Blvd, Oroville, Ca 95965
Calaveras	San Andreas, Job Connection Calaveras 700 Mountain Ranch Rd # A San Andreas, CA 95249
Colusa	Colusa 146 Market Street Colusa, CA 95932
Contra Costa	Concord 4071 Port Chicago Highway #250 Concord, CA 94520
	San Pablo 2300 El Portal Dr., #B San Pablo, CA 94806
	Antioch 4545 Delta Fair Blvd Antioch, CA 94509
El Dorado	Placerville 3047 Briw Rd Placerville, CA 95667
Fresno	Fresno - North 3302 N. Blackstone Ave., Ste.155 Fresno, CA 93726
	Fresno - West 2555 S. Elm Avenue Fresno, CA 93706
	Mendota 720 Oiler Street Mendota, CA 93640
	Redley 1680 E. Manning Avenue Redley, CA 93654
Humboldt	Eureka 409 K Street Eureka, CA 95501

Imperial	Calexico 301 Heber Avenue Calexico, CA 92231
	El Centro 1550 W. Main Street El Centro, CA 92243
Inyo	Dinuba 400 W. Tulare Ave
Kern	Bakersfield Southeast 1600 East Belle Terrace Bakersfield, CA 93307
	Bakersfield 5121 Stockdale Hwy, Ste 100 Bakersfield, CA 93309
	Delano 1818 Cecil Avenue Delano, CA 93215
	Mojave 2300 Highway 58 Mojave, CA 93501
	Ridgecrest 1400 Norma Street, #105 Ridgecrest, CA 93555
Kings	Hanford 124 N. Irwin Street Hanford, CA 93230
Lake County	Lakeport 55 First Street, Suite E Lakeport, CA 95453
Lassen	Susanville 1618 Chestnut Street Susanville, CA 96130
Los Angeles	Canoga Park 21010 Vanowen Street Canoga Park, CA 91303
	Compton 2909 E. Pacific Commerce Drive Compton, CA 92021
	El Monte 11635 Valley Blvd. El Monte, CA 91732
	Gardena 16501 So. Western Ave., Ste A Gardena, CA 90247
	Glendale 1255 S. Central Avenue Glendale, CA 91204
	Huntington Park 2677 Zoe Avenue, 2 nd Fl Huntington Park, CA 90255
	Inglewood 110 South La Brea Ave. # 503 Inglewood, CA 90301

	Lancaster 1420 West Avenue I Lancaster, CA 93534
	Long Beach 3447 Atlantic Avenue Long Beach, CA 90807
	Los Angeles - Crenshaw 5401 So. Crenshaw Blvd Los Angeles, CA 90043
	Los Angeles-East LA Job Service 9301 Whittier Blvd., 3rd Floor Los Angeles, CA 90022
	Los Angeles South/ Compton Job Service 12700 South Avalon Blvd Los Angeles, CA 90061
	Los Angeles 10950 S. Central Ave Los Angeles, CA 90059
	Marina Del Rey/West LA Job Service 13160 Mindanao Way, Suite 105 Marina Del Rey, CA 90292
	Norwalk 12715 S. Pioneer Blvd Norwalk, CA 90650
	Pacoima/Northeast San Fernando Valley One Stop 11623 Glenoaks Boulevard San Fernando, CA 91331
	Pasadena 1207 E. Green Street Pasadena, CA 91106
	Pomona 264 E. Monterey Avenue Pomona, CA 91767
	San Pedro 1851 N. Gaffey St., Suite F San Pedro, CA 90731
	Santa Clarita 26455 Rockwell Canyon Rd, #250 Santa Clarita, CA 91355
	Torrance 1220 Engracia Avenue Torrance, CA 90601
	Van Nuys 15400 Sherman Way, #140 Van Nuys, CA 91406
	West Covina 933 S. Glendora Avenue West Covina, CA 91790
Madera	Madera 441 E. Yosemite Avenue Madera, CA 93638
Marin	San Rafael - North Bay Job Service

	120 North Redwood Drive San Rafael, CA 94903
Mendocino	Fort Bragg 310 E. Redwood Avenue Fort Bragg, CA 95437
	Ukiah 631 South Orchard Avenue Ukiah, CA 95482
Merced	Los Banos 1075 H Street Los Banos, CA 93636
	Merced 1205 West 18 th Street Merced, CA 95340
Monterey	Salinas 730 La Guardia Street Salinas, CA 98161
Nevada	Truckee 10775 Levon Ave, Suite 105 Truckee, CA 96161
Orange	Anaheim 2450 E. Lincoln Ave, Ste 200 Anaheim, CA 92806
	Anaheim One Stop 290 S. Anaheim Blvd., Suite 100 Anaheim, CA 92805
	Irvine-Orange County One Stop Center 125 Technology Drive, # 200 Irvine, CA 92618
	Santa Ana 1000 E. Santa Ana Blvd., #200 Santa Ana, CA 92701
Placer	Roseville 115 Ascot Drive Suite 180 Roseville, CA 95681
Riverside	Blythe 1277 W. Hobson Way Blythe, CA 92226
	Riverside 1326 Spruce Street Riverside, CA 92507
	Hemet 749 North State Street Hemet, CA 92543
	Indio 44-199 Monroe Street, Suite B Indio, CA 92201
Sacramento	Sacramento - Midtown 2901 60th Street Sacramento, CA 95817
San Bernardino	San Bernardino 658 East Brjer Drive, # 100 San Bernardino, CA 92408

	Rancho Cucamonga 9050 9th Street, Suite A Rancho Cucamonga, CA 91730
	Redlands 12625 Frederick, Suite K-3 Moreno Valley, CA 92553
	Victorville 17310 Bear Valley Rd, # 109 Victorville, CA 92395
San Benito	Hollister 1111 San Felipe Rd, Ste 107 Hollister, CA 95023
San Diego	Chula Vista 1111 Bay Blvd, Suite D Chula Vista, CA 91911
	El Cajon 924 East Main Street El Cajon, CA 92021
	Oceanside 1949 Avenida del Oro, # 106 Oceanside, CA 92056
	San Diego So. Metro 4389 Imperial Avenue San Diego, CA 92113
San Francisco	San Francisco 801 Turk Street San Francisco, CA 94102
San Joaquin	Stockton 58 S Lincoln St Stockton, CA 95203
San Luis Obispo	Santa Maria 1410 S. Broadway, Suite A Santa Maria, CA 93401
	San Luis Obispo 880 Industrial Way San Luis Obispo, CA 93401
San Mateo	San Carlos 650 Quarry Road San Carlos, CA 94070
Santa Barbara	Santa Barbara 130 E. Ortega Street Santa Barbara, CA 93101
Santa Clara	Campbell 2450 S. Bascom Avenue Campbell, CA 95008
	Morgan Hill 17666 Crest Avenue Morgan Hill, CA 95037
Santa Cruz	Capitola 2045 40th Ave., Suite B Capitola, CA 95010
	Watsonville 18 W. Beach Street

	Watsonville, CA 95076
Shasta	Redding 1325 Pine Street Redding, CA 96001
Solano	Solano 320 Campus Lane Fairfield, CA 94534
	Vallejo North Bay Job Service 1440 Marin Street Vallejo, CA 94590
Sonoma	Santa Rosa 2227 Capricorn Way, #100 Santa Rosa, CA 95407
Stanislaus	Modesto 629 12 th Street Modesto, CA 95354
	Patterson 66 N. El Circolo Avenue Patterson, CA 95363
Tulare	Porterville 1063 W. Henderson Ave. Porterville, CA 93257
	Visalia 4025 W. Noble Avenue, #B Visalia, CA 93277
Tuolumne	Sonora 197 Mono Way, Suite B Sonora, CA 95370
Ventura	Oxnard 635 S. Ventura Road Oxnard, CA 93030
Yolo	West Sacramento 500 Jefferson Blvd, # 110 West Sacramento, CA 95370
	Woodland 25 North Cottonwood Street Woodland, CA 95695
Yuba	Marysville 1114 Yuba Street # 108 Marysville, CA 95901

Attachment C(1) (d)

d. Statewide List for California County Superintendent of Schools

Alameda Co:	313 W. Winton Ave. Hayward, CA 94544-1136
Alpine Co:	43 Hawkside Dr., Markleeville, CA 96120-9522
Amador Co:	217 Rex Ave. Ste. 7 Jackson, CA 95642-2020
Butte Co:	1859 Bird St. Oroville, CA 95965-4854
Calaveras Co:	185 S. Main St. Angels Camp, CA 95221-0760
Colusa Co:	146 Seventh St. Colusa, CA 95932-2432
Contra Costa Co:	77 Santa Barbara Rd. Pleasant Hill, CA 94523-4201
Del Norte Co:	301 W. Washington Blvd. Crescent City, CA 95531
El Dorado Co:	6767 Green Valley Rd. Placerville, CA 95667-8984
Fresno Co:	1111 Van Ness Ave. Fresno, CA 93721-2002
Glenn Co:	311 S. Villa Ave. Willows, CA 95988-2739
Humboldt Co:	901 Myrtle Ave. Eureka, CA 95501-1219
Imperial Co:	1398 Sperber Rd. El Centro, CA 92243-9621
Inyo Co:	555 S. Clay St. Independence, CA 93526-0607
Kern Co:	1300 17th St. Bakersfield, CA 93301-4504
Kings Co:	1144 W. Lacey Blvd. Hanford, CA 93230-4334
Lake Co:	1152 S. Main St. Lakeport, CA 95453-5517
Lassen Co:	472-013 Johnstonville Rd. North Susanville, CA 96130

Los Angeles Co:	9300 Imperial Hwy. Downey, CA 90242-2813
Madera Co:	1105 S. Madera Ave, CA 93637-4905
Marin Co:	PO Box 4925, San Rafael, CA 94913-4925
Mariposa Co:	PO Box 8, Mariposa, CA 95338
Mendocino Co:	2240 Old River Rd. Ukiah, CA 95482-7074
Merced Co:	632 W. 13 th St. Merced, CA 95341
Modoc Co:	139 Henderson St. Alturas, CA 96101-3921
Mono Co:	PO Box 130, Mammoth Lakes, CA 93546
Monterey Co:	901 Blanco Cr. Salinas, CA 93912-0851
Napa Co:	2121 Imola Ave. Napa, CA 94559-3625
Nevada Co:	112 Nevada City Hwy. Nevada City, CA 95959-3117
Orange Co:	200 Kalmus Dr. Costa Mesa, CA 92628-9050
Placer Co:	360 Nevada St. Auburn, CA 95603-3720
Plumas Co:	50 Church St., Ste. B Quincy, CA 95971-6009
Riverside Co:	3939 13 th St. Riverside, CA 92501
Sacramento Co:	10474 Mather Blvd. Sacramento, CA 95826
San Benito Co:	460 Fifth St. Hollister, CA 95023-3841
San Bernardino Co:	601 N. E St. San Bernardino, CA 92410-3093
San Diego Co:	6401 Linda Vista Rd. San Diego, CA 92111-7319
San Francisco Co:	555 Franklin St. San Francisco, CA 94102-5207
San Joaquin Co:	PO Box 213030, Stockton, CA 95213-9030
San Luis Obispo Co:	3350 Education Dr. San Luis Obispo, CA 93405

San Mateo Co:	101 Twin Dolphin Dr. Redwood City, CA 94065-1064
Santa Barbara Co:	4400 Cathedral Oaks Rd. Santa Barbara, CA 93160
Santa Clara Co:	1290 Ridder Park Dr MC 201, San Jose, CA 95131-2304
Santa Cruz Co:	400 Encinal St., Santa Cruz, CA 95060
Shasta Co:	1644 Magnolia Ave. Redding, CA 96001-1513
Sierra Co:	109 Beckwith Rd, Loyalton CA 96118
Siskiyou Co:	609 S. Gold St. Yreka, CA 96097-3110
Solano Co:	5101 Business Center Dr. Fairfield, CA 94534
Sonoma Co:	5340 Skylane Blvd. Santa Rosa, CA 95403-1082
Stanislaus Co:	1100 H St. Modesto, CA 95354
Sutter Co:	970 Klamath Ln. Yuba City, CA 95993
Tehama Co:	PO Box 689, Red Bluff, CA 96080-0689
Trinity Co:	201 Memorial Dr. Weaverville, CA 96093-1256
Tulare Co:	PO Box 5091, Visalia, CA 93278-5091
Tuolumne Co:	175 S. Fairview Ln. Sonora, CA 95370-4809
Ventura Co:	5189 Verdugo Way Camarillo, CA 93012-8603
Yolo Co:	1280 Santa Anita Ct., #100 Woodland, CA 95776-6127

Yuba Co:	935 14 th St. Marysville, CA 95901-4149
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Attachment C (1) (e)

e. Statewide List for California Community Colleges

Alameda, College of
555 Ralph Appezato Memorial Pkwy
Alameda CA 94601-2109

Peralta Community College District
(510) 522-7221
www.alameda.peralta.edu

Allan Hancock College
800 South College Drive
Santa Maria CA 93454-6368

Allan Hancock Joint Community College
District
(805) 922-6966
www.hancockcollege.edu

American River College
4700 College Oak Drive
Sacramento CA 95841-4286

Los Rios Community College District
(916) 484-8011
www.arcc.losrios.edu

Antelope Valley College
3041 West Avenue K
Lancaster CA 93536-5426

Antelope Valley Community College District
(661) 722-6300
www.avcc.edu

Bakersfield College
1801 Panorama Drive
Bakersfield CA 93305-1299

Kern Community College District
(661) 395-4011
www.bakersfieldcollege.edu

Barstow Community College
2700 Barstow Road
Barstow CA 92311-6699

Barstow Community College District
(760) 252-2411
www.barstow.edu

Berkeley City College
2050 Center Street
Berkeley CA 94704-1205

Peralta Community College District
(510) 981-2800
www.Berkeleycitycollege.edu

Butte College
3536 Butte Campus Drive
Oroville CA 95965-8399

Butte-Glenn Community College District
(530) 895-2511
www.butte.edu

Cabrillo College
6500 Soquel Drive
Aptos CA 95003-3119

Cabrillo Community College District
(831) 479-6100
www.cabrillo.edu

Canada College
4200 Farm Hill Boulevard
Redwood City CA 94061-1099

San Mateo County Community College
District
(650) 306-3100
www.canadacollege.edu

Canyons, College of The
28455 Rockwell Canyon Road
Santa Clarita CA 91355-1898

Santa Clarita Community College District
(861) 259-7800
www.canyons.edu

Cerritos College
11110 Afandra Boulevard
Norwalk CA 90650-6289

Cerritos Community College District
(562) 880-2451
www.cerritos.edu

Cerro Coso Community College
3000 College Heights Boulevard
Ridgecrest CA 93555-9571

Kern Community College District
(760) 384-6100
www.cerrocoso.edu

Chabot College
25555 Hesperian Blvd PO Box 5001
Hayward CA 94545-5001

Chabot-Las Positas Community College
District
(510) 723-8600
www.chabotcollege.edu

Chaffey College
5885 Haven Avenue
Rancho Cucamonga CA 91737

Chaffey Community College District
(909) 987-1737
www.chaffey.edu

Citrus College
1000 West Foothill Boulevard
Glendora CA 91741-1899

Citrus Community College District
(626) 963-0323
www.citruscollege.edu

Coastline Community College
11460 Warner Avenue
Fountain Valley CA 92708-2697

Coast Community College District
(714) 546-7600
www.coastline.edu

Columbia College
11800 Columbia College Drive
Sonoma CA 95370-8518

Yosemite Community College District
(209) 588-6100
www.yccolumbia.edu

Compton Community Educational Center
1111 East Artesia Boulevard
Compton CA 90221-5393

El Camino Community College District
(310) 908-1600
www.compton.edu

Contra Costa College
2800 Mission Bell Drive
San Pablo CA 94806-3195

Contra Costa Community College District
(510) 236-7800
www.contracosta.edu

Copper Mountain College
6162 Rotary Wy (P.O. Box 1398)
Joshua Tree, CA 92252

Copper Mountain Community College
District
(760) 366-3791
www.cmccd.edu

Cosumnes River College
8401 Center Parkway
Sacramento CA 95823-6799

Los Rios Community College District
(916) 691-7344
www.crc.losrios.edu

Crafton Hills College
11711 Sand Canyon Road
Yucaipa CA 92399-1799

San Bernardino Community College District
(909) 794-2181
www.craftonhills.edu

Cuesta College
PO Box 8106
San Luis Obispo CA 93403-8106

Cuyamaca College
900 Rancho San Diego Parkway
El Cajon, CA 92019

Cypress College
9200 Valley View Street
Cypress CA 90630-5897

DeAnza College
21250 Stevens Creek Boulevard
Cupertino CA 95014-5797

Desert College of the
43500 Monterey Avenue
Palm Desert CA 92260-2499

Diablo Valley College
321 Golf Club Road
Pleasant Hill CA 94523-1544

East Los Angeles College
1301 Avenida Cesar Chavez
Monterey Park CA 91754-8099

El Camino College
16007 Crenshaw Boulevard
Torrance CA 90506-0002

Evergreen Valley College
3095 Yerba Buena Road
San Jose CA 95135-1598

Feather River College
570 Golden Eagle Avenue
Quincy CA 95971-9124

Folsom Lake College
10 College Parkway
Folsom CA 95630

Foothill College
12345 El Monte Road
Los Altos Hills CA 94022-4599

Fresno City College
1101 E. University Avenue
Fresno CA 93741-0001

San Luis Obispo County Community College
District
(805) 546-3100
www.cuesta.edu

Grossmont-Cuyamaca Community College
District
(619) 660-4000
www.cuyamaca.edu

North Orange County Community College
District
(714) 484-7000
www.cypresscollege.edu

Foothill-DeAnza Community College District
(408) 864-5678
www.deanza.edu

Desert Community College District
(760) 346-8041
www.collegeofthedesert.edu

Contra Costa Community College District
(925) 685-1230
www.dvc.edu

Los Angeles Community College District
(323) 285 8650
www.elac.edu

El Camino Community College District
(310) 532-3670
www.elcamino.edu

San Jose-Evergreen Community College
District
(408) 274-7900
www.evc.edu

Feather River Community College District
(530) 283-0202
www.frc.edu

Los Rios Community College District
(916) 608-6500
www.flc.losrios.edu

Foothill-DeAnza Community College District
(650) 949-7777
www.foothill.edu

State Center Community College District
(559) 442-4600
www.fresnocitycollege.edu

Fullerton College

321 East Chapman Avenue
Fullerton CA 92832-2096

Gavilan College

5055 Santa Teresa Blvd
Gilroy CA 95020-9599

Glendale Community College

1500 North Verdugo Road
Glendale CA 91208-2894

Golden West College

15744 Goldenwest Street
Huntington Beach CA 92647 0592

Grossmont College

8800 Grossmont College Drive
El Cajon CA 92020-1799

Hartnell College

166 Homestead Avenue
Salinas CA 93901-1897

Imperial Valley College

380 East Aten Road
Imperial CA 92251-9787

Irvine Valley College

5500 Irvine Center Drive
Irvine CA 92618

Lake Tahoe Community College

1 College Drive
So. Lake Tahoe CA 96150-4624

Laney College

900 Fallon Street
Oakland CA 94607-4893

Las Positas College

3053 Collier Canyon Road
Livermore CA 94550-7650

Lassen College

3000 Campus Hill Drive
Livermore, CA 94551

Long Beach City College

4901 East Carson Street
Long Beach CA 90808-1706

**North Orange County Community College
District**

(714) 982-7000
www.fullcoll.edu

Gavilan Community College District

(408) 847-1400
www.gavilan.edu

Glendale Community College District

(818) 240-1000
www.glendale.edu

Coast Community College District

(714) 892-7711
www.goldenwestcollege.edu

**Grossmont-Cuyamaca Community College
District**

(619) 644-7000
www.grossmont.edu

Hartnell Community College District

(831) 755-6700
www.hartnell.edu

Imperial Community College District

(760) 352-8320
www.imperial.edu

**South Orange County Community College
District**

(949) 451-5100
www.ivc.edu

Lake Tahoe Community College District

(530) 541-4660
www.ltcc.edu

Peralta Community College District

(510) 834-5740
www.laney.peralta.edu

**Chabot-Las Positas Community College
District**

(925) 424-1000
www.laspositascollege.edu

Lassen Community College District

(530) 257-8181
www.lassencollege.edu

Long Beach Community College District

(562) 938-4368
www.lbcc.edu

Los Angeles City College
855 North Vermont Avenue
Los Angeles CA 90029-3690

Los Angeles Harbor College
1111 Figueroa Place
Wilmington CA 90744-2397

Los Angeles Mission College
13366 Elviridge Avenue
Sylmar CA 91342-3200

Los Angeles Pierce College
8201 Winnetka Avenue
Woodland Hills CA 91371-0001

Los Angeles Southwest College
1600 West Imperial Highway
Los Angeles CA 90047-4899

Los Angeles Trade-Tech College
400 West Washington Boulevard
Los Angeles CA 90015-4108

Los Angeles Valley College
5800 Fulton Avenue
Van Nuys CA 91401-4098

Los Medanos College
2700 East Leland Road
Pittsburg 94565 5197

Marin, College of
835 College Avenue
Kentfield CA 94904-2590

Mendocino College
1000 Hensley Creek Rd.
Ukiah CA 95482-0300

Merced College
3600 M Street
Merced CA 95348-2898

Merritt College
12500 Campus Drive
Oakland CA 94619-3198

MiraCosta College
1 Barnard Drive
Oceanside CA 92056-3899

Mission College

Los Angeles Community College District
(323) 963-4000
www.lacitycollege.edu

Los Angeles Community College District
(310) 233-4000
www.lahc.edu

Los Angeles Community College District
(818) 364-7600
www.lamlsslon.edu

Los Angeles Community College District
(818) 719-6401
www.piercecollege.edu

Los Angeles Community College District
(323) 241-5225
www.lasc.edu

Los Angeles Community College District
(213) 763-7000
www.latc.edu

Los Angeles Community College District
(818) 947-2600
www.lavc.edu

Contra Costa Community College District
(925) 439-2181
www.losmedanos.edu

Marin Community College District
(415) 457-8811
www.marin.edu

Mendocino-Lake Community College District
(707) 468-3000
www.mendocino.cc.ca.us

Merced Community College District
(209) 384-6000
www.mccd.edu

Peralta Community College District
(510) 531-4911
www.merritt.edu

MiraCosta Community College District
(760) 757-2121
www.miracosta.edu

West Valley-Mission Community College

3000 Mission College Boulevard Santa Clara CA 85054-1897	District (408) 988-2200 www.missioncollege.org
Modesto Junior College 435 College Avenue Modesto CA 95350-5800	Yosemite Community College District (209) 576-6550 www.mjc.edu
Monterey Peninsula College 980 Fremont Street Monterey CA 93940-4799	Monterey Peninsula Community College District (831) 648-4000 www.mpc.edu
Moorpark College 7075 Campus Road Moorpark CA 93201-1895	Ventura County Community College District (805) 378-1400 www.moorparkcollege.edu
Mt. San Antonio College 1100 North Grand Avenue Walnut CA 91789-1399	Mt. San Antonio Community College District (909) 594-5611 www.mtsac.edu
Mt. San Jacinto College 1499 North State Street San Jacinto CA 92583-2399	Mt. San Jacinto Community College District (951) 487-6752 www.msic.edu
Napa Valley College 2277 Napa Vallejo Highway Napa CA 94558-6236	Napa Valley Community College District (707) 253-3000 www.napavalley.edu
Ohlone College 49600 Mission Boulevard Fremont CA 94539-0911	Ohlone Community College District (510) 859-6000 www.ohlone.edu
Orange Coast College 2701 Fairview Road PO Box 5005 Costa Mesa CA 92628-5005	Coast Community College District (714) 432-0202 www.orangeoastcollege.edu
Oxnard College 4000 South Rose Avenue Oxnard CA 93033-6699	Ventura County Community College District (805) 986-5800 www.oxnardcollege.edu
Palo Verde College One College Drive Blythe CA 92225-1118	Palo Verde Community College District (760) 921-5500 www.paloverde.edu
Palomar College 1140 West Mission Road San Marcos CA 92069-1487	Palomar Community College District (760) 744-1150 www.palomar.edu
Pasadena City College 1670 East Colorado Boulevard Pasadena CA 91106-2003	Pasadena Area Community College District (626) 585-7123 www.pasadena.edu
Porterville College 100 East College Avenue	Kern Community College District (559) 791-2200

Porterville, CA 93257-5901

www.portervillecollege.edu

Redwoods, College of the
7351 Tompkins Hill Road
Eureka CA 95501-9301

Redwoods Community College District
(707) 476-4100
www.redwoods.edu

Reedley College
995 N. Reed Avenue
Reedley CA 93854-2099

State Center Community College District
(559) 838-3641
www.reedleycollege.edu

Rio Hondo College
3600 Workman Mill Road
Whittier CA 90801-1699

Rio Hondo Community College District
(562) 692-0921
www.riohondo.edu

Riverside Community College
4800 Magnolia Avenue
Riverside CA 92506-1293

Riverside Community College District
(916) 222-8000
www.rcc.edu

Sacramento City College
3835 Freeport Boulevard
Sacramento CA 95822-1386

Los Rios Community College District
(916) 558-2111
www.scc.losrios.edu

Saddleback College

28000 Marguerite Parkway
Mission Viejo CA 92692-3699

South Orange County Community College
District
(949) 582-4500
www.saddleback.edu

San Bernardino Valley College
701 S. Mt. Vernon Avenue
San Bernardino CA 92410-2798

San Bernardino Community College District
(909) 384-4400
www.valleycollege.edu

San Diego City College
1313 Park Blvd
San Diego CA 92101-4787

San Diego Community College District
(619) 388-3400
www.sdcity.edu

San Diego Centers for Education and
Technology
4343 Ocean View Boulevard
San Diego CA 92113-1898

San Diego Community College District
(619) 388-3400
www.sandiegocet.net

San Diego Mesa College
7250 Mesa College Drive
San Diego CA 92111-4996

San Diego Community College District
(619) 388-2600
www.sdmesa.edu

San Diego Miramar College
10440 Black Mountain Road
San Diego CA 92126-2999

San Diego Community College District
(658) 536-7800
www.s

San Francisco, City College of
50 Phelan Avenue, E200
San Francisco CA 94112-1898

San Francisco Community College District
(415) 239-3000
www.ccsf.edu

San Joaquin Delta College

5151 Pacific Avenue
Stockton CA 95207-6370

San Joaquin Delta Community College
District
(209) 954-5018
www.deltacollege.edu

San Jose City College

2100 Moorpark Avenue
San Jose CA 95128-2799

San Mateo, College of

1700 West Hillsdale Boulevard
San Mateo CA 94402-3784

Santa Ana College

1530 W. 17th Street
Santa Ana CA 92706-3398

Santa Barbara City College

721 Cliff Drive
Santa Barbara CA 93109-2394

Santa Monica College

1900 Pico Boulevard
Santa Monica CA 90405-1628

Santa Rosa Junior College

1501 Mendocino Avenue
Santa Rosa CA 95401-4395

Santiago Canyon College

8045 E. Chapman Avenue
Orange, CA 92669-4512

Sequoias, College of the
915 South Mooney Boulevard
Visalia CA 93277-2234

Shasta College

11555 Old Oregon Trail
Redding CA 96003

Sierra College

5000 Rocklin Road
Rocklin CA 95677-3397

Siskiyous, College of the
800 College Avenue
Weed CA 96094-2899

Skyline College

3300 College Drive
San Bruno CA 94066-1662

Solano Community College

4000 Suisun Valley Road
Fairfield, CA 94534-3197

**San Jose-Evergreen Community College
District**

(408) 298-2181
www.slcc.edu

**San Mateo County Community College
District**

(650) 574-6161
www.collegeofsanmateo.edu

**Rancho Santiago Community College
District**

(714) 564-6000
www.sac.edu

Santa Barbara Community College District

(805) 965-0581
www.sbccc.edu

Santa Monica Community College District

(310) 434-4000
www.smc.edu

Sonoma County Community College District

(707) 527-4011
www.santarosa.edu

**Rancho Santiago Community College
District**

(714) 628-4900
www.sccollege.edu

Sequoias Community College District

(559) 730-3700
www.ccs.edu

**Shasta-Tehama-Trinity Joint Community
College District**

(530) 242-7500
www.shastacollege.edu

Sierra Joint Community College District

(916) 781-0430
www.sierracollege.edu

Siskiyou Joint Community College District

(530) 938-5555
www.siskiyous.edu

**San Mateo County Community College
District**

(650) 738-4100
www.skylinecollege.edu

Solano County Community College District

(707) 864-7000
www.solano.edu

Southwestern College
900 Otay Lakes Road
Chula Vista CA 91910-7299

Taft College
29 Emmons Park Drive
Taft CA 93268-4217

Ventura College
4667 Telegraph Road
Ventura CA 93003-3899

Victor Valley College
18422 Bear Valley Road
Victorville CA 92392-5849

West Hills College
300 Cherry Lane
Coalinga CA 93210-1389

West Los Angeles College
9000 Overland Avenue
Culver City CA 90230

West Valley College
14000 Fruitvale Avenue
Saratoga CA 95070-5899

Yuba College
2088 North Beale Road
Marysville CA 95901-7699

Southwestern Community College District
(619) 421-6700
www.swccd.edu

West Kern Community College District
(861) 763-7700
www.taftcollege.edu

Ventura County Community College District
(805) 854-6400
www.venturacollege.edu

Victor Valley Community College District
(760) 245-4271
www.vvc.edu

West Hills Community College District
(559) 934-2000
www.westhillcollege.com

Los Angeles Community College District
(310) 287-4200
www.wlac.edu

West Valley-Mission Community College
District
(408) 867-2200
www.westvalley.edu

Yuba Community College District
(530) 741-6700
www.yccd.edu

RECEIVED
DAS DISTRICT OFFICE AUG 15 AM 8:01
SAN FRANCISCO

The foregoing standards are hereby agreed to and adopted on Aug. 5, 2019
(Committee approval date)

Employee Organization

Automotive Industry Apprenticeship Trust
Fund

Organization Name

10260 McArthur Blvd

Address

Oakland, CA 94605

City, State, Zip

James Beno

Type Name of Authorized Representative

Chairman of the AMTAC Board

Title

Employer Organization

California Tooling & Machining
Apprenticeship Assoc.

Organization Name

107 Dublin Court

Address

Petaluma, CA 94952

City, State, Zip

Grant Kerr

Type Name of Authorized Representative

Secretary of the AMTAC Board

Title


Signature

8/8/19
Date


Signature

8/5/2019
Date

The foregoing apprenticeship standards, being in conformity with the rules and regulations of the California Apprenticeship Council, the California Code of Regulations, and applicable Federal Regulations are hereby approved August 5, 2019.

(DAS approval date)

Eric Rood
Chief, Division of Apprenticeship Standards

Date

RECEIVED
DAS DISTRICT OFFICE
SAN FRANCISCO **ATTACHMENT D**

19 AUG 12 PM 4:08
ADVANCED MANUFACTURING AND TRANSPORTATION
APPRENTICESHIPS OF CALIFORNIA (AMTAC)

LOCAL EDUCATION AGENCY LETTER



Laney College

900 Fallon Street · Oakland, California 94607 · (510) 834-5740

July 13, 2018

Department of Industrial Relations
Division of Apprenticeship Standards
455 Golden Gate Avenue, 9th Floor
San Francisco, CA 94102

To Whom it May Concern:

Laney College agrees to be the Local Educational Agency (LEA) for the expansion of the Advanced Manufacturing and Transportation Apprenticeship of California (AMTAC) Standards. This expansion will include EBMUD Machining and Maintenance Worker II in addition to EBMUD Plant Maintenance Worker II job classifications. As the LEA, Laney College will provide the course instruction to those apprentices indentured by the Division of Apprenticeship Standards for the AMTAC apprenticeship into those two job classifications.

Please feel free to contact me for any further information.

Sincerely,

Peter Crabtree, Dean
Career Technical Education
Laney College
900 Fallon St.
Oakland CA 94607

19 AUG 15 AM 8:02

Peralta Community College District

333 East Eighth Street · Oakland, California 94606 · (510) 466-7200