



STANDARDS OF APPRENTICESHIP  
Adopted by

**AREA III INSIDE ELECTRICAL JATC**

(sponsor)

<u>Skilled Occupational Objective(s):</u>	<u>SIC #</u>	<u>SOC #</u>	<u>SYMBOL</u>	<u>SUFFIX</u>	<u>Term</u>
Inside Electrician	1700	47-2111	0159	000	8,000 hours

MA#	3019	SOC Title	Electricians	License	General Journeyman Electrician
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APPROVED BY THE  
Oregon State Apprenticeship and Training Council  
REGISTERED WITH THE  
Apprenticeship and Training Division  
Oregon State Bureau Labor and Industries  
800 NE Oregon Street  
Portland, Oregon 97232

APPROVAL:

December 8, 1978

Initial Approval Date

By: **BRAD AVAKIAN**  
Chairman of Council

June 19, 2008

Last Date Revised

By: **STEPHEN SIMMS**  
Secretary of Council

September 18, 2008

Committee Amended Date

## APPRENTICESHIP STANDARDS

The Oregon State Apprenticeship and Training Council (OSATC) has the authority to develop, administer, and enforce apprenticeship program standards (Standards) for the operation and success of an apprenticeship or on-the-job-training program in the State of Oregon. Apprenticeship programs and committees function to administer, exercise or relinquish authority only with the consent of the OSATC and only apprentices registered with or recognized by the Oregon State Bureau of Labor and Industries (BOLI), Apprenticeship and Training Division (ATD) will be recognized by the OSATC. Parties signatory to these apprenticeship standards declare that their purpose and policy is to establish and sponsor an organized system of registered apprenticeship and training education.

These Standards are in conformity with and are to be used in conjunction with the Apprenticeship Rules, Chapter 839-011 OAR (Oregon Administrative Rules); Apprenticeship and Training Statutes, Chapter 660 ORS (Oregon Revised Statute); The National Apprenticeship Act, 29 U.S.C. (United States Code) 50; Apprenticeship Programs, Title 29 Part 29 CFR (Code of Federal Regulations); and Equal Employment Opportunity in Apprenticeship and Training, Title 29 Part 30 CFR which collectively govern the employment and training in apprenticeable occupations. They are part of the apprenticeship agreement and bind all signers to compliance with all provisions of registered apprenticeship.

If approved by the council, such amendment(s) and such changes as adopted by the council shall be binding to all parties on the first day of the month following such approval. Sponsors shall notify apprentices and training agents of changes as they are adopted by the council. If and when any part of these Standards becomes illegal, as it pertains to federal and/or state law, that part and that part alone will become inoperative and null and void, and the Bureau of Labor and Industries (BOLI) may recommend language that will conform to applicable law for adoption by the OSATC. The remainder of the Standards will remain in full force and effect.

See ORS Chapter 660 & OAR 839-011 for the definitions necessary for use with these Standards.

*Sections of the standard inside of a border are specific to the individual standard and may be modified by the sponsor by submitting a revised standard for approval by the Oregon State Apprenticeship and Training Council. All other sections of the standard are boilerplate and may only be modified by the Council.*

### I. GEOGRAPHIC AREA COVERED:

The sponsor only has authority to recognize training agents (employers) that maintain their principal place of business inside of the geographical area covered by these standards. Training agents that maintain their principal place of business outside of the geographical area covered by this standard may only be recognized as traveling training agents when working in geographic area covered by this standard. The Sponsor will ensure compliance with the provisions for traveling training agents and of any Reciprocity Agreement recognized by the OSATC. (See ORS 660.137 / OAR 839-011-0260 / OSATC Policy # 16)

The geographic area covered by these standards shall be Lane County in the State of Oregon.

### II. MINIMUM QUALIFICATIONS:

Minimum qualifications must be clearly stated and applied in a nondiscriminatory manner (See ORS 660.126 (1b)). Documentation must be provided for all minimum qualifications:

- Age: Must be eighteen (18) years of age by 45 days after the closing application date.
- Education:
  - a. High school graduation with a grade point average of 2.0 or above (additional schooling will be considered in determining the GPA if submitted in transcript form from accredited schools); or successful completion of General Equivalency Degree (GED) exam with a total score of 230 points or above for those who took the exam prior to December 31, 2001 or 2300 for those who have taken the exam after December 31, 2001);
  - b. Successful completion of one year of high school algebra with a "C" or better is required or the following equivalent: a college algebra course equivalent to high school algebra with a grade of "C" or better. If the required course work was completed more than five (5) years prior to application, the applicant will also be required to document current math skills prior to being scored and ranked and prior to being eligible for employment (see section 2. f. ii. under Selection Procedures below).
- Physical: None
- Testing: None
- Other: None

See Section X6

**III. CONDUCT OF PROGRAM UNDER OREGON EQUAL EMPLOYMENT OPPORTUNITY IN APPRENTICESHIP PLAN (OAR 839-011-0200):**

Standards must include the Oregon Equal Employment Opportunity in Apprenticeship and Training Pledge (See OEEOA Section 4)

**THE SPONSOR HEREBY ADOPTS:**

"The recruitment, selection, employment and training of apprentices during their apprenticeship shall be without discrimination because of race, sex, color, religion, national origin, age, disability or as otherwise specified by law. The sponsor shall take positive action to provide equal opportunity in apprenticeship and will operate the apprenticeship program as required by the rules of the Oregon State Apprenticeship and Training Council and Title 29, Part 30 of the Code of Federal Regulations."

Sponsors with five (5) or more apprentices in an apprenticeable occupation must adopt an Equal Employment Opportunity Plan and Selection Procedures and submit the plans for Council approval. (See OAR 839-011-0200 / Sections 5 & 6 of the Oregon Equal Employment Opportunity in Apprenticeship (OEEOA) / Council policy # 23).

**A. SELECTION PROCEDURES:**

The committee shall select apprentices from a pool of eligible applicants according to the following procedure: (ORS 660.137 (3) / OEEOA section 6)

1. All out of work apprentices in good standing will be offered the opportunity for re-employment prior to new applicants being registered in conformance with the committee's approved initial employment policy.
2. The committee shall select apprentices from a ranked pool of eligibles according to the

following procedure:

- a. Application Notice and Schedule
  - i. The committee will establish a ten (10) day period annually for accepting applications for admission to the apprenticeship program.
  - ii. Public notice of at least 30 days will be given in advance of this date. The notice will establish the date, time, and place applications will be accepted, list the minimum qualifications for the program and provide a general description and duties of the occupation.
  - iii. Application information will be disseminated according to the committee's affirmative action plan.
- b. Application Process
  - i. Applications will be provided to all interested individuals as posted in the opening announcement.
  - ii. Prior to receiving an application, each applicant will sign the "Applicant Log" which shall identify all applications by a log number.
  - iii. All applications must be completed at the posted location by the applicant prior to the specified deadline; completed applications will be date stamped when received.
- c. Verification of Minimum Qualifications
  - i. All applications and supporting documentation will be reviewed for minimum qualifications and must be received not later than the last day of applications.
    - a. All supporting documents must be originals and must be readable.
    - b. All letters of recommendation and/or verifications of prior experience must be on official company letterhead and must bear valid contact information for the signer.
    - c. Official transcripts are required and must be included with the application in an envelope officially sealed by each issuing school.
- d. Non-qualified Applicants
  - i. Applicants who do not meet the minimum qualifications will be notified in writing; notification will include the reason for rejection, the requirements for admission to the eligibility pool, and the appeal rights available to the applicant.
- e. Pool of Eligibles
  - i. Qualifying applications will be scored and ranked based on the point system on the attached list. The applicant points will be computed by the program administrator and further verified by a committee member.
  - ii. These individuals will then be placed in a pool of eligibles in rank order and retained on the list for a period of two (2) years.
  - iii. The Pool will be divided into two separate regions. One pool will cover all those areas west of the Coast Range and will be designated as the "coastal pool." The other pool will encompass all other areas and be designated as the "primary pool." Applicant pools will be managed in conformance with the program's initial employment policy.
  - iv. Individuals may be removed from the pool at an earlier date by their request, following their failure to respond to offers of employment or for failing to return "Letters of Intent," as detailed in the program's initial employment policy.
  - v. Pool Applicants who refuse two (2) offers of employment with separate employer candidates will lose their rank in the pool, as detailed in the program's initial

employment policy.

- vi. The applicant pool will be periodically re-ranked as applicants provide new supporting documentation to enhance their ranking, and in any event not less frequently than monthly. Re-ranking the applicant pool will not affect the ready for employment pool.
  - vii. The applicant pool will be re-ranked after the cutoff date for letters of intent.
- f. Placement Process
- i. The number of “New Indentures” will be determined by the Area III Training Agent requirements in that given period.
  - ii. Individuals who meet the math requirement listed in Section II of this standard will qualify for placement into the pool of eligible applicants. Individuals who do not meet the requirements in Section II, Education, b., will not be eligible to be scored, ranked, and placed in employment until they:
    - a. Submit documentation that a high school or equivalent algebra course has been completed since the original application or;
    - b. Achieve a score on a Lane Community College Math Placement test with results allowing entry into MTH 70 or higher.
  - iii. Individuals will be placed in order of their score in the ranked pool of eligible applicants.
  - iv. Upon completion of the open enrollment period, the Area III JATC will establish the “Ready for Employment” Pool. This pool will be comprised of the top 5 ranking applicants in the ranked pool of eligible applicants. This “Ready for Employment” pool will be replenished only when all five (5) individuals in the pool are sent out.
  - v. An employer may select any individual from the “Ready for Employment” pool by contacting the Mid-Oregon Office and signing the employer section of the Registration form.
  - vi. The employer’s next new apprentice must come from the top of the “Ready for Employment Pool” unless that pool applicant has previously refused employment with that employer.
  - vii. The Employer may then alternate between selecting any individual from the ready for employment pool and the top individual on the ready for employment pool.
- g. EXCEPTIONS
- 1. CURRENT APPRENTICE (Transfer)

Active apprentices who have completed their probationary period and are in good standing in a registered inside electrician apprenticeship program will be permitted to transfer to the Area III Inside Electrical JATC program. Their names will be placed at the bottom of the out of work apprentice list in order of date receipt of application.
  - 2. EXPERIENCED APPRENTICE

Experienced apprentices who gained a minimum of 2,000 hours of on-the-job experience and 144 hours of related training experience in a registered inside electrician program, within the last 5 years, shall be permitted to enter this program and pick up their training where they left off instead of entering as beginning apprentices providing they meet the current minimum qualifications and have not been terminated from an apprenticeship program for cause. Experienced apprentices who qualify will be placed at the top of the ranked pool of eligibles.
  - 3. NEW TRAINING AGENT

If an employer has not participated in the training of an apprentice under ORS Chapter 660 for at least two years prior to seeking entry or re-entry into the apprenticeship program, the employer may select as his/her initial apprentices, without going to the pool, those bona fide employees who have been on his/her payroll for at least three months and 300 paid work hours prior to the employer's application for an apprentice and who meet the minimum qualifications for entry into the program. Once the initial selection of apprentices has been made, the employer is thereafter restricted to a selection from applicants in the pool of eligibles.

6. EMPLOYER SELECTION

An employer who has been a Registered Training Agent with the sponsor and who has participated in the training of Area III Apprentices for a Minimum period of two (2) years shall, at the discretion of the sponsor, be allowed to promote to the position of Apprentice, those full time employees who have been in their employ for a minimum of five hundred (500) hours, meet the minimum qualifications, and make application during the open enrollment period. In order to utilize this exception, the employer MUST have employed at least one (1) applicant from the current year's pool of eligibles.

10. SMALL EMPLOYER EXCEPTION

Provided that the use of this exception will not result in an adverse impact on apprenticeship opportunities based on an individual's protected class status, a family member, as defined below, who meets the minimum requirements for entry into the apprenticeship program, may be directly indentured by the committee and placed with a family business as defined herein, subject to the consent of the applicant, so long as the addition of the apprentice would result in no more than three individuals being employed by the training agent in the occupation. (Employed as applied in this exception is understood to mean all individuals working in the occupation.) Training agents using this exception may not employ more than one apprentice at any time.

- a) "Family business" means a business owned in whole or in part by a parent or grandparent of the applicant and has been in business under the same owners for at least four years.
- b) "Family member" means the son, daughter, grandchild, or spouse of the family business owner and does not include minor children placed in the care of foster care parents certified by the Department of Human Services.

12. VETERAN'S ENTRY

Veterans may apply to the program at any time if they meet the minimum qualifications of the program and if they are:

- a) Members of the Regular services who have been discharged from active duty service with a DD214 issued with the past 24 months indicating an Honorable Discharge;
- b) Members of the Selected Reserve or Individual Ready Reserve with a DD214 issued within the past 24 months; or
- c) Members of the Oregon National Guard with a DD214 issued within the past 24 months.

Individuals qualifying under this exception will be scored and placed at the top of the Ranked Pool of Eligibles.

**15. OTHER (Journeyman Electrician)**

The employing contractor may hire directly a journeyman electrician from another classification who exceeds the minimum qualifications and makes application during an open enrollment period.

**B. EQUAL EMPLOYMENT OPPORTUNITY PLAN:**

1. A sponsor's commitment to equal opportunity in recruitment, selection, employment and training of apprentices shall include the adoption of a written affirmative action plan. (See OAR 839-011-0200 / OEEOA sections 5 a, b and c)
2. In addition the sponsor will set forth the specific steps that it will take under this plan, review and update the specific steps that it will take to implement the plan at least yearly and submit the updated steps to the Apprenticeship and Training Division (ATD) for review and approval. (OEEOA section 5 & 8)
3. Numerical goals and timetables for the selection of minority and female apprentices shall be included with the sponsor's annual updated steps. (OEEOA section 5 & 8)
4. The sponsor hereby adopts the following activities in order to enable it to meet its affirmative action obligations.

5.

**1: DISSEMINATE INFORMATION**

Dissemination of information concerning the nature of apprenticeship, requirements for admission to apprenticeship, availability of apprenticeship opportunities, sources of apprenticeship application, and the equal opportunity policy of the sponsor. For programs accepting applications only at specified intervals, such information shall be disseminated at least 30 days in advance of the earliest date for application at each interval. For programs customarily receiving applications throughout the year, such information shall be regularly disseminated but not less than semiannually. Such information shall be given to Council, local schools, employment offices, women's centers, outreach programs and organizations that can effectively reach women and minorities, and shall be published in newspapers circulated in the minority community and among women, as well as the general areas in which the sponsor operates.

**5: OUTREACH**

Engage in outreach programs for the positive recruitment and preparation of potential applicants for apprenticeship. The committee will identify other apprenticeship program sponsors and community organizations with whom they may collaborate. The sponsor will seek out and support programs to prepare and encourage women to enter traditionally male occupations.

**10: PREVENT ILLEGAL DISCRIMINATION**

Take other appropriate action to ensure that decisions regarding recruitment, selection, employment, and training of apprentices are job-related and without illegal discrimination because of race, color, religion, national origin, disability, age, or sex.

### C. DISCRIMINATION COMPLAINTS:

1. Any apprentice or applicant for apprenticeship who believes they have been discriminated against with regards to apprenticeship by the committee may file a complaint. (See OAR 839-011-0200 / OEEOA Section 11)
2. The basis of the complaint may be:
  - a. Discrimination on the basis of race, sex, color, religion, national origin, age, disability or as otherwise specified by law by a sponsor or a sponsor's program
  - b. The equal employment opportunity plan has not been followed; or
  - c. The sponsor's equal employment opportunity plan does not comply with the requirements of the Oregon Equal Employment Opportunity in Apprenticeship Plan.
3. Any such complaint must be filed with the Director of the Apprenticeship and Training Division (Secretary of the OSATC) in writing within 180 days of the alleged illegal discrimination or specified failure to follow the equal opportunity requirements.
4. The written complaint must include the name, address and telephone number of the person allegedly discriminated against, the sponsor involved and a description of the circumstances of the complaint.
5. For complaints dealing with program operations see section X of this document.

### IV. TERM of APPRENTICESHIP:

1. The term of apprenticeship will not be less than 2,000 hours of work experience in the apprenticeable occupation identified in this Standard. (See ORS 660.126 (d))
2. The term of apprenticeship must be stated in hours unless otherwise required by a collective bargaining agreement, civil service or other governing regulation. (See ORS 660.126)
3. The sponsor may accelerate, by an evaluation process, the advancement of apprentices who demonstrate abilities and mastery of the occupation to the level for which they are qualified. (See ORS 660.137 (4))
4. When the apprentice is granted advanced standing, the employer must pay the apprentice at the appropriate wage per the wage progression schedule specified in these standards. (See ORS 660.142)

NOTE: In licensed occupations the apprentice must complete the minimum hours of documented legal experience.

The term of apprenticeship shall be 8,000 hours of employment.

### V. INITIAL PROBATIONARY PERIOD:

1. All apprentices are subject to an initial probationary period, stated in hours of employment

during this time; an apprenticeship agreement may be terminated without cause. It is the period following the effective date of the apprentice's current registration into the program and during which the apprentice's appeal rights are restricted. (See ORS 660.126 (1g))

2. The initial probationary period must be reasonable in relationship to the full term of the apprenticeship unless otherwise required by Civil Service, CBA or law. (The registration agency recommends that this not exceed twenty percent (20%) (See ORS 660.126 (1g))
3. During the initial probationary period either party to the agreement may terminate the apprenticeship agreement upon written notice to the Apprenticeship and Training Division of the Oregon Bureau of Labor and Industries. (See ORS 660.126 (1g) & ORS 660.060 (6))
4. An appeal process is available to apprentices who have completed the initial probationary period. (See ORS 660.060 (6) & (7) and section X of this standard)

The probationary period shall be the first 2,000 OJT hours of employment after the current registration to this standard. (See ORS 660.126 (g))

**VI. RATIO OF APPRENTICES TO JOURNEY LEVEL WORKERS:**

1. There shall be a maximum numeric ratio of apprentices to journey-level workers consistent with proper supervision, training, safety and continuity of employment. (See ORS 126 (1f))
2. The ratio shall be specifically and clearly stated as to its application to the job site, workforce, department, shift, plant or combination therein. (See ORS 660.126 (1f))
3. The Sponsor will assure that apprentices are under the supervision of competent and qualified journey-level workers on the job who are responsible for the work being performed, to ensure safety and training in all phases of the work. (See ORS 660.126 (1f), OAR 839-011-0140 (2g), OAR 839-011-0360)

The first person assigned to any job site shall be a journeyman.

Each job site shall be allowed a ratio of two (2) apprentices for every three (3) Journeyman or fraction thereof. (see example)

In no case shall the number of apprentices exceed the number of journeymen on the job.

A job site is considered to be the physical location where employees report for their work assignments. The employer's shop (service center) is considered to be a separate, single job site. All other physical locations where workers report for work are each considered to be a single, separate job site.

Example:

Number of Journeymen	Maximum Number of Apprentice(s)
1 to 3	2
4 to 6	4
7 to 9	6

**VII. APPRENTICE WAGES and WAGE PROGRESSION:**

1. The apprentice shall be paid according to a progressively increasing schedule of wage based on specified percentages of the average journey-level wage consistent with skills acquired. (See ORS 660.126 (1h))
2. Wage progressions shall be indicated in hourly or monthly periods (the registration agency recommends the use of hour periods) set by the Sponsor. (See ORS 660.126 (h))
3. The entry wage will not be less than the federal or state minimum wage rate, whichever is higher. (See ORS 660.142 (4))
4. The wage listed in this standard at all periods establishes a minimum and a higher wage may be required by other applicable federal law, state law, respective regulations, or by a collective bargaining agreement. (See ORS 660.126 (1h), ORS 660.137 (6), ORS 660.142 & OAR 839-011-140 (2f))
5. The sponsor must re-determine the average journey-level wage at least annually and submit the new average journey wage to the Director of the Apprenticeship and Training Division with a statement explaining how such determination was made and the effective date of the new average journey wage. (See ORS 660.137 (6))
6. Upon approval by the Director, the Division will notify all training agents and apprentices of the new wage. (See ORS 660.142 (2))

The average wage for those journey-level workers employed by the participating employers in this occupation on **January 1, 2009** is \$ **29.43** per **hour** .

Period	Minimum required OJT hours prior to Period	Classes Successfully Completed Prior to Period	% of journey level rate
1st	0	None	40
2nd	1,000	First Term of 1st year	50
3rd	2,000	Complete 1st year	55
4th	3,000	First Term of 2nd year	60
5th	4,000	Complete 2nd year	65
6th	5,000	First Term of 3rd year	70
7th	6,000	Complete 3rd year	75
8th	7,000	First Term of 4th year	80

**VIII. WORK PROCESSES:**

1. The apprentice shall receive the necessary instruction and experience to become a journey-level worker versed in the theory and practice of the occupation. (See ORS 660.155 / ORS 660.157 / OAR 839-011-0360)
2. The following is a condensed schedule of work experience that every apprentice shall follow as closely as conditions will permit. (See ORS 660.126 (1c) OAR 839-011-0360; OAR 839-011-0140)

NOTE: In licensed occupations apprentices must complete the minimum required total hours prior to being referred to the license examination.

Work processes	Approximate hours
a. Stock room and materials	250
b. Residential – Wiring of residences, duplexes and small apartment buildings and necessary shop work and preparation	1,250
c. Commercial installations – Wiring of public, commercial school and hospital buildings; the installation and repair of all equipment therein; and necessary shop work and preparation	1,250
d. Industrial – Wiring of all industrial buildings and equipment; the maintenance, repair and alteration of the same; and the necessary shop work and preparation	1,250
e. Specialized Systems – Wiring of systems which include sound, data transmission, telephone, fire alarm, fiber optics, energy management, closed circuit television, programmable controllers and nurse call systems	1,000
f. Controls and motor installations	700
g. Underground constructions	250
h. Troubleshooting	500
i. Finishing and fixture hanging	50
j. Remodeling and maintenance	1,000
k. Commercial trim-out	500
<b>TOTAL</b>	<b>8,000</b>
<b>STATE REQUIRED ON-THE-JOB HOURS</b>	
In accordance with 918.282.170	
a. Stock room and materials	100
b. Residential – Service & Panel, Conduit, flex electrical heating systems, wire pulling and taps, wiring devices and fixtures, remodel and finish work	1,000
c. Commercial installations – Services, switchboards and Panels, Conduit, flex, Metal moldings, floor ducts, boxes, wire pulling and taps, wire devices, lighting fixtures; high voltage, explosion proof, perimeter lighting.	1,000
d. Industrial – Services, switchboards and panels, conduit, tray and boxes, wire pulling and taps, motor and equipment installations, lighting fixtures; high voltage, explosion proof, security lighting	1,000
e. Intercommunication – Signals and control systems	500
f. Controls and motor installations	0
g. Underground constructions – Tunnel and track work, ditch digging and material handling, conduit preparation	100
h. Troubleshooting	250
i. Finishing and fixture hanging	50

- |                               |   |
|-------------------------------|---|
| j. Remodeling and maintenance | 0 |
| k. Commercial trim-out        | 0 |

Note 1: Total Hours Required. Total electrical work experience shall be at least 8,000 hours. No more than 300 percent credit shall be allowed for the subjects required in OAR 918.282.170.

Note 2: While the hours as listed in the Oregon Administrative Rule do not mirror the requirements of this standard, the committee will allow distribution of those additional hours as follows:

- f. Controls and Motor installations – Industrial installations or Intercommunication
- j. Remodeling and maintenance – Residential Wiring or Troubleshooting and Maintenance
- k. Commercial trim-out – Commercial Installations or Finish and Fixture Hanging

NOTE: The committee realizes that the completion of 8,000 hours of on-the-job training is the ideal, but recognizes that most apprentices will not be able to fulfill the total amount of hours specified in every work process as set forth in this standard. When an apprentice is unable to fulfill the total work hours in each work process the committee will evaluate the apprentice's knowledge, skills and abilities and provide appropriate additional related instruction to assure that competency is acquired in each work process. The evaluation and summary of the additional instruction will be noted in the apprentice's file.

#### IX. RELATED/SUPPLEMENTAL INSTRUCTION:

1. The apprentice must attend related/supplemental instruction for at least 144 hours per year unless otherwise stated in this standard. Time spent in related/supplemental instruction will not be considered as hours of work, and the apprentice is not required to be paid for time so spent. (See ORS 660.126 (1e))
2. The Committee must provide for instruction of the apprentice during the related/supplemental instruction in safe and healthful work practices in compliance with the Oregon OSHA regulations and applicable federal and/or state regulations. (See ORS 660.137)
3. In case of failure on the part of any apprentice to fulfill the related instruction obligation, the sponsor has the authority to withhold the apprentice's periodic wage advancement; or with a reasonable opportunity to remedy deficiencies, suspend, or cancel the Apprenticeship Agreement. (See ORS 660.157 (4))
4. Clock hours of actual attendance by the apprentice in related/supplemental instruction classes at the community college, training trust or other approved training provider shall be documented and tracked by the Committee. (See ORS 660.157 (2a))
5. Related instruction activities must be at the direction of a qualified instructor. (See ORS 660.157 (3))

Methods of related/supplemental training must consist of one or more of the following: (See ORS 660.157)

- d. ( X ) Community college;

A minimum of 144 hours of related training shall be required during each year the apprentice is registered in the program. (See ORS 660.126 (e))

The following is a summary of related instruction including required class hours in each element of instruction. A committee may establish and submit clear objectives and outcomes in lieu of hours for each class subject. (See ORS 660.157)

Related training must cover the following subjects and must be completed with a grade of 'C' or better for graded classes or 'Pass' for non-graded classes. (see OAR 918-282-0170 to - 0365)

Course	Hours
a. Orientation	3
b. Basic Electrical Mathematics	9
c. Safety and First Aid	9
d. Care and Use of Hand Tools	6
e. Care and Use of Power Operated Tools	12
f. Blueprint Reading and Electrical Symbols	18
g. Introduction to National Electrical Code	26
h. Electrical Fundamentals and Basic Theory	36
i. Principles of Alternating Current	24
j. Alternating Current Circuits	21
k. Principles and Circuitry of Direct Current	27
l. Portable Electric Measuring Devices	15
m. Wiring Methods	91
n. Low Voltage Circuits	14
o. Appliances	15
p. Interior Distribution	18
q. Industrial and Commercial Calculations	21
r. Motors and Generator	50
s. Practical Circuit Sketching	36
t. Transformers	35
u. Illumination and Design	15
v. Sub-Stations	21
w. Primary Distribution	20
x. Fundamentals of Electronics	19
y. Medium Voltage Circuitry	15
z. Current first aid and CPR certification	
<b>TOTAL</b>	<b>576</b>

**X. ADMINISTRATIVE/DISCIPLINARY PROCEDURES:**

See: ORS 660.120 OAR 839-011-0073

1. Local committee rules or policies and any employment requirement such as driver's license, drug test etc. will be located in this section.
2. The committee may include provisions for committee-imposed "disciplinary probation," which is a time assessed when the apprentice's progress is not satisfactory; a "disciplinary probation" may only be used to provide an opportunity for the apprentice to correct deficiencies and cannot affect the apprentice's appeal rights after the initial probation is completed. ( See ORS 660.137 (4))
3. During disciplinary probation the committee may withhold periodic wage advancements, suspend or cancel the apprenticeship agreement, or take other disciplinary action. (See ORS 660.137 (4) )
4. The apprentice has the right to file an appeal of the committee's disciplinary action with the Director of the Apprenticeship and Training Division. (See ORS 660.137 (4))
5. Complaint and Appeal Procedures:
  - a. Each committee shall adopt and submit complaint review procedures for Division approval.
  - b. All approved committees are expected to administer the program's approved complaint review process in a fair and consistent manner. (See ORS 660.120, ORS 660.060 & OEEOA Section 9)
  - c. Complaints that involve matters covered by a collective bargaining agreement are not subject to the complaint review procedures in this section. (See ORS 660.126 (2))
  - d. After the initial probationary period the apprenticeship agreement may be canceled by a written request from the apprentice. (See ORS 660.126 (1g) ORS 660.060 (7))
  - e. After the initial probationary period the committee may only suspend, cancel or terminate the apprentice agreement for good cause, which includes but is not limited to: failure to report to work, nonattendance at related instruction, failure to submit work progress reports and lack of response to committee citations. (See ORS 660.060 (7))
    - i. Due notice and a reasonable opportunity for correction must be provided to the apprentice.
    - ii. Upon suspension a written notice must be provided to the apprentice and to the Apprenticeship and Training Division.
    - iii. Upon cancellation a written notice must be provided to the apprentice and to the Apprenticeship and Training Division.
  - f. Each committee shall utilize the following procedures and time lines for disciplinary action (cancellation or termination). Committees may adopt and submit alternate

complaint procedures for Division review and approval providing the procedures are reasonably expected to offer equal protection to the apprentice. (See ORS 660.060 (8))

- i. At least 22 days prior to potential disciplinary action by a committee
  - o The committee must notify the apprentice in writing of alleged reason for the proposed disciplinary action and potential action to be taken if the allegation is substantiated
  - o The decisions are effective immediately upon committee action
  - o The committee will send written reason(s) for such action to the apprentice by registered or certified mail and will include the appeal rights of the apprentice
- ii. Within 30 days of receipt of committee decision the apprentice may request reconsideration of the action taken by the committee
  - o The apprentice's request for the local committee to reconsider their disciplinary action must be submitted in writing and must include the reason(s) the apprentice believes the committee should reconsider the disciplinary action.
- iii. Within 30 days of apprentice's request for reconsideration
  - o The local committee must provide written notification of their final decision including the appeal rights of the apprentice if the committee upholds its decision on the disciplinary action
- g. If the apprentice chooses to pursue the complaint further
  - i. Within 30 days of notification of the committee's final action
    - o The apprentice must submit the complaint describing in writing the issues associated with the disciplinary action to the Director of the Apprenticeship and Training Division
    - o The apprentice must describe the controversy and provide any backup information
    - o The apprentice must also provide this information to the local committee/organization
  - ii. Within 60 working days the Director of the Apprenticeship and Training Division will complete a review of the record
    - o If no settlement is agreed upon during review, the Director must issue a non-binding written decision resolving the controversy.
- h. If the apprentice or local committee disputes the Director's decision
  - i. Within 30 days of Director's decision the dissenting party must submit a request for the OSATC to hear its case
    - o Request must be in writing
    - o Must specify reasons supporting the request
    - o Request and supporting documents must be given to all parties
    - o OSATC Rules and Policy Sub-Committee conducts hearing within 45 days and reports its findings to the next regular quarterly meeting of the OSATC
    - o The OSATC renders a decision based on the sub-committee's report.
  - ii. Within 30 days of the OSATC meeting
    - o The Secretary of the OSATC issues the decision in writing

6. Prior to employment, employers may require a DMV driving record that permits the apprentice to be insured by the employer's insurance carrier without a significant increase in premiums.

XI. COMMITTEE – RESPONSIBILITIES AND COMPOSITION:

The following is an overview of the requirements associated with administering an apprenticeship committee and/or program. These provisions are to be used in conjunction with the corresponding ORS and/or OAR.

1. The committee is the policymaking and administrative body responsible for the operation and success of this Apprenticeship program.
2. The committee is responsible for the day-to-day operation of the apprenticeship program and must be knowledgeable in the application of Chapter 660 ORS, OAR 839 division 011 and other law and rule as appropriate to the occupation(s).
3. Sponsors must develop policies and procedures for committee operations (ORS 660.060 (8), ORS 660.135, ORS 660.137, OAR 839-011-0170). The committee's specific policies pertaining to the operation of the program are included in this standard. The procedures for the implementation of the approved policies are maintained by the committee. After approval by the division the approved procedures shall be distributed to all apprentices and training agents.
4. Committees must convene meetings at least semi-annually that are attended by a quorum of committee members as defined in the approved Standards. (See ORS 660.137 (4))
  - a. A quorum for a local joint or trade committee shall consist of at least two (2) members representing the employers and two (2) members representing the employees. (See ORS 660.135 (3), ORS 660.145)
  - b. Conference call meetings may be conducted in lieu of regular meetings but must not exceed the number of attended meetings during a calendar year and may not authorize disciplinary action of apprentices. (See ORS 660.060 (8))
  - c. Minutes of all meetings must be submitted to the Apprenticeship and Training Division within 10 working days of the meeting. (See OAR 839-011-0170)
5. Program Operations (ORS 660.135, ORS 660.137, OAR 839-011-0170, OAR 839-011-0200):
  - a. The Committee will record and maintain records pertaining to the local administration of its Apprenticeship Program and make them available to the OSATC or its representative on request.
    - i. These records include, but are not limited to
      - o Selection of applicants
      - o Administration of the apprenticeship program
      - o Affirmative action plans
      - o Documentation necessary to establish a sponsor's good faith effort in

- o implementing its affirmative action plan
  - o Qualification standards
- b. Records required by the Oregon Equal Employment Opportunity in Apprenticeship rules (OAR 839-011-0200) will be maintained for five (5) years; all other records will be maintained for five (5) years after the final action taken by the committee on the apprenticeship agreement.
- c. The following must be submitted by all programs through the Apprenticeship Representative assigned to assist the committee:
  - i. Apprenticeship Registration Agreement – within the first 90 days of employment as an apprentice. (See ORS 660.020, OAR 839-011-0088) (In licensed occupations registration must occur prior to employment in the trade)
  - ii. Committee Minutes – within 10 working days of the meeting. (See OAR 839-011-0170)
  - iii. Authorized Training Agent Agreements – within 10 working days of committee action to approve the training agent. (ORS 660-020)
    - o Interim recognition may be authorized by committee policy but may not exceed 90 calendar days.
    - o Any recognition of a training agent prior to formal action of the committee must be in conformance with the committee’s council approved policy.
  - iv. Revision of Occupation Standards - as necessary, no later than 45 days prior to OSATC meeting. (See OAR 839-011-0030) (Programs should review their Standards at least annually)
    - o Forms are available from the Apprenticeship Representative. If approved by the OSATC, such amendment(s) and such changes as adopted by the OSATC will be binding to all parties on the first day of the month following OSATC approval.
  - v. Revision of Committee Member Composition as necessary (included in committee minutes). (See OAR 839-011-0074)
  - vi. Average Journey Level Wage – at least annually or whenever changed (included in minutes and by letter to the Director summarizing how the average wage was determined). (See ORS 660.137 (6), ORS 660.142)
  - vii. Authorization of Signature - as necessary (See ORS 660.135 (4))
  - viii. Authorization for issuance of initial license may be granted after the committee is found to be in compliance for operational purposes (See Council Policy #22)
- d. Adopt, as necessary or as directed, local program policies and procedures for the administration of the apprenticeship program in compliance with this Standard. (See ORS 660.060 (8), ORS 660.120 (2), OAR 839-011-0073)
  - i. Policies must be submitted to the OSATC for review and approval.
  - ii. Procedures must be submitted for Division (ATD) approval and inclusion by

reference in this Standard prior to implementation.

6. Apprentice Management:

- a. Applicants accepted by the committee, who have documented legal experience creditable to the apprenticeship in the skilled occupation or in some other related capacity, may be granted advanced standing as apprentices. (See OAR 839-011-0088 (3a) Apprentices admitted to advanced standing will be paid the wage rate for the period to which such credit advances them. (In licensed occupations previous credit must be documented legal experience)
- b. Each apprentice (and, if under 18 years of age, the parent or guardian) will sign an Apprenticeship Agreement with the Sponsor, who will then register the Agreement, with the Apprenticeship and Training Division of the Bureau of Labor and Industries within the first 90 days of employment as an apprentice. (See ORS 660.020 (1), ORS 660.060, OAR 839-011-0088)
- c. The Apprenticeship and Training Division must be provided a copy of the committee minutes approving any change of disposition or modification of the Registration Agreement within 10 working days of the committee meeting. (See OAR 839-011-0170)
  - i. Requests for disposition or modification of Agreements include: (1) Certificate of completion, (2) Additional credit, (3) Suspension, military service, or other, (4) Reinstatement, (5) Cancellation, (6) Re-rates, (7) Holds, (8) Examination Referral, (9) Corrections, (10) Limited Supervision-electrical, (11) Phased Supervision-plumbing.
- d. Rotate apprentices in the various processes of the skilled occupation to ensure the apprentice is trained to be a competent journey-level worker. (See ORS 660.137 (2c), OAR 839-011-0265.
- e. At least once every six months the sponsor must review and evaluate each apprentice's progress and take action to advance based on the apprentice's progress or hold the apprentice at the same level for a reasonable period and opportunity for corrective action or terminate for continued inadequate progress. (See ORS 660.137 (4))
- f. The evidence of such action will be the record of the apprentice's progress on the job and during related/supplemental instruction.
  - i. If the apprentice's progress is not satisfactory, the committee has the obligation to withhold the apprentice's periodic wage advancements, suspend or cancel the Apprenticeship Agreement, or take other disciplinary action as established under the "Administrative/Disciplinary Procedures."
- g. The committee has the obligation and responsibility to provide insofar as possible, reasonably continuous employment for all apprentices in the program. (See ORS 660.126, ORS 660.020)
  - i. The committee may arrange to transfer an apprentice from one training agent to another or to another committee when the committee is unable to provide reasonably

continuous employment, or they are unable to provide apprentices the diversity of experience necessary for training and experience in the various work processes as stated in this Standard.

- ii. If, for any reason, a layoff of an apprentice occurs, the Apprenticeship Agreement will remain in effect unless canceled by the committee.
  - h. An apprentice who is unable to perform the on-the-job portion of apprenticeship training may, if the apprentice so requests and the committee approves, participate in related/supplemental instruction classes, subject to the apprentice obtaining and providing written medical approval for such participation. However, time spent will not be applied toward the on-the-job portion of apprenticeship training. (See ORS 660.126 (i))
  - i. The committee will hear and adjust all complaints of violations of apprenticeship agreements. (See ORS 660.137)
  - j. Upon successful completion of apprenticeship, as provided in these Standards, and passing any examination that the committee may require, the committee will recommend that the Oregon Commissioner of Labor award a Certificate of Completion of Apprenticeship. (See ORS 660.137, ORS 660.205)
7. Training Agent Management:
- a. Offer training opportunities on an equal basis to all employers and apprentices. (See OAR 839-011-0084)
  - b. Grant equal treatment and opportunity for all apprentices through reasonable working and training conditions and apply those conditions to all apprentices uniformly. (See OAR 839-011-0200, Council Policy # 13)
  - c. Provide training at a cost equivalent to that incurred by currently participating employers and apprentices. (See OAR 839-011-0084)
  - d. An employer shall not be required to sign a collective bargaining agreement or join an association as a condition of participation. (See OAR 839-011-0162)
  - e. Determine the adequacy of an employer to furnish proper on-the-job training in accordance with the provisions of these Standards. (See ORS 660.137)
  - f. Require all employers requesting approved training agent status to complete a training agent application and comply with all Oregon State apprenticeship laws and the appropriate apprenticeship Standards. (See ORS 660.137)
  - g. Submit approved training agent agreements to the Apprenticeship and Training Division within 10 working days of committee approval with a copy of the agreement and/or the list of approved training agents and committee minutes where approval was granted. (See OAR 839-011-0170)
  - h. Make periodic checks of approved training agents and withdraw approval when approval qualifications are no longer met or when it appears to the committee that the employer is

- in violation of the terms of the apprenticeship agreement, standards, rules, regulations and policies of the committee or OSATC. (See ORS 660.137)
- i. If a committee acts to withdraw training agent status from an employer the action must be recorded in the committee minutes and submitted to the Apprenticeship and Training Division within 10 working days of the committee action. (See OAR 839-011-0170)
8. COUNCIL REQUIRED POLICIES: (See ORS 660.120 - ORS 660.137)
- a. Credit for prior experience
    - i. The committee will grant credit for previous legal experience based on the knowledge, skills, and abilities of the apprentice.
    - ii. All applicants having a training history in a registered apprenticeship program in this trade will be placed in the period earned by this training.
    - iii. All other applicants shall be placed in the first period of training and evaluated for advanced standing at the conclusion of the probationary period.
  - b. OJT requirements (hours, work processes, rotation/partial rotation, monthly progress reports, timelines, applicable penalties)
    - i. The apprentice shall work for a training agent approved by the committee and shall record work hours.
    - ii. The JATC Committee shall have the full authority to transfer apprentices due to lack of diversity of training. However, the importance of keeping local apprentices employed shall govern all considerations
  - c. Related training requirements (attendance, grades)

The apprentice must attend and satisfactorily complete classroom instruction and self study education (a.k.a. related training) as directed by the committee.
  - d. Complaint procedures
    - i. The committee will promptly and fairly resolve any complaints brought to its attention.
    - ii. The Complaint Procedure shall be equitably applied to all applicants and apprentices.
  - e. Process for the review and evaluation of apprentice progress
    - i. The committee will regularly review and evaluate the progress of each apprentice as to job performance and related instruction.
    - ii. Evaluations will be conducted when the JATC determines they are necessary, but no less than twice annually. The schedule for evaluations will be December and June of each year as a part of the re-rate process. Exception will be made for apprentices in the probationary period, who will be evaluated on a quarterly basis. The schedule of evaluations is based on the date the apprentice is indentured.
  - f. Advancement requirements (re-rates, completions)
    - i. The committee will advance the apprentice to the next level in the wage progression when the apprentice demonstrates the required knowledge, skills, and abilities.

ii. An apprentice who completes all requirements of the program will be completed from the program within six (6) months of being assigned to the Oregon State Journeyman Exam.

g. Disciplinary process (appearances, holds, cancellations)

The committee will take corrective action for any failure to satisfy program requirements.

h. Training agent requirements (approval, discipline, removal)

The committee will recognize an employer as an approved training agent when (and so long as) the employer demonstrates that it meets all qualifications established by the committee. If the committee establishes good cause for termination of a Training Agent, All Apprentices currently employed by that Training Agent shall be recalled and reassigned or placed on the Out of Work list.

i. Traveling training agent policy

Approved training agents domiciled other jurisdictions must meet this committee's training agent requirements to be approved as a traveling training agent.

j. Initial employment policy

An applicant who has been placed in the ranked pool shall be afforded a reasonable opportunity for employment and shall only be removed from the pool in accordance with the committee's published procedures.

k. Placement procedures for out-of-work apprentices

All unemployed apprentices in good standing with the committee will be given the opportunity to be re-employed as soon as possible and prior to indenturing new apprentices.

l. License requirements, including exam referral and completion requirements (for licensed trades only)

Initial license – The committee may issue the initial license in accordance with procedures established by the Bureau of Labor and Industries in cooperation with the Building Codes Division.

Indirect Supervision Card – Qualified apprentices with a minimum of 7,000 hours may be issued an indirect supervision card with the recommendation of the apprentice's current employer. The apprentice must have been employed at least 6 months with the recommending employer.

Such apprentices shall not supervise the work of others, including apprentices. As per OAR 918-282-270 (3) work under indirect supervision shall be at the discretion of the responsible supervisor on projects not exceeding eight hours per day in duration and limited to 300 volts phase to phase or phase to ground.

Referral to exam - Apprentices shall be referred to exam when they have completed 8,000 hours of on-the-job training, demonstrated the required knowledge, skills, and

abilities for completion of the program, and have successfully completed a pre-test administered by the JATC Training Director or the JATC office prior to approval for assignment to the Oregon State Journeyman Exam.

#### 9. Optional Policies

- a. Training Director - The Training Director is employed by the Mid-Oregon Independent Electrical Contractors (IEC) to oversee the program and policies of this committee.
- b. Instructors - Instructors are employed by Mid-Oregon Independent Electrical Contractors (IEC) under direction of the Training Director and will provide instruction to apprentices as directed by the committee.

#### 10. Composition of Committee:

- a. Joint apprenticeship and training committees must be composed of an equal number of employee and employer representatives composed of at least four principal members but no more than eight principal members. An alternate member may be appointed for each principal member. A quorum shall consist of at least two employer members and two employee members. (See ORS 660.135; OAR 839-011-0074)
- b. Trades apprenticeship and training committees must be composed of an equal number of employee and employer representatives composed of one principal employee and one principal employer member for each occupation covered by the trades committee. An alternate member may be appointed for each principal member. A quorum shall consist of at least two employer members and two employee members. (See ORS 660.145; OAR 839-011-0074)
- c. Employee representatives shall not be supervisors as defined by the National Labor Relations Act (as amended). (See OAR 839-011-0074)
- d. Employee representatives shall be skilled practitioners of the trade, except;
- e. A labor organization which is the recognized bargaining representative may designate elected representatives as employee members. (See ORS 660.135 & OAR 839-011-0074)
- f. The committee shall elect a chairperson and a secretary from the committee members. One of the offices must be held by an employer member and one office must be held by an employee member.
- g. Committee members or officers may be removed for failure to abide by ORS 660 or the rules and policies of the council or committee. (See OAR 839-011-0078)

The program administered by this committee is a: JATC

(See ORS 660.135) or (ORS660.145)

The employer representatives shall be:

**(See attached committee list)**

The employee representatives shall be:  
**(See attached committee list)**

**XII. SUBCOMMITTEE:**

Subcommittee(s) may be approved by the sponsor but may only recommend actions to the parent Committee.

**XIII. TRAINING DIRECTOR/COORDINATOR/ADMINISTRATOR/CONTACT PERSON:**

The Sponsor may employ a person(s) as a full or part-time Training Coordinator(s)/Training Director(s)/Administrator(s). This person(s) will assume responsibilities and authority for the operation of the program as are specifically delegated by the Sponsor.

Randall M. Tyle, Administrator  
Area III Inside Electrical JATC  
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(541) 344-6473  
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## Attachment A – Application Rating for Electrician

Qualifying applications will be reviewed and scored according to the following point system. Points will not be given unless the applicant provides written documentation (letters from employers on company letterhead, DD214, course certificates, school transcripts, etc.)

- |    |  |           |
|----|--|-----------|
| 1. | PUBLIC SERVICE – Satisfactory completion of obligation<br>(. One or more years of volunteer service)   | 5 points  |
| 2. | MILITARY SERVICE – Satisfactory completion of obligation<br>(Honorable Discharge, DD214 required)  | 5 points  |
| 3. | EDUCATION  |           |
| a. | BS/BA Degree   | 10 points |
| b. | AS/AA Degree   | 5 points  |
| c. | Trade School<br>(Approved by Area III JATC; Devry, ITT Tech, Etc.)   | 5 points  |
| d. | High School Diploma<br>(2.0 GPA or better required)  | 5 points  |
| e. | GED<br>(230 score or better required prior to 12-31-01)<br>(2300 score or better required after 1-1-02)  | 5 points  |
| f. | Practice GED<br>(at least 265 prior to 12-31-01)<br>(at least 2650 after 1-1-02)   | 5 points  |
| g. | Armed Services Vocational Aptitude Battery (ASVAB) AFQT of 50+   | 5 points  |
| h. | Career Readiness Certificate (Electrician)   | 10 points |
|    | Maximum for Section 3  | 45 points |
| 4. | Residential Wiring   |           |
| a. | Completion of Residential Wiring (APPR 199) Classes (Lane Community College) with grades of C or better.   | 15 points |
| 5. | Completion of Trade Skills Fundamentals (APR 101) Class at Lane Community College with a grade of C or better.   | 10 points |
| 6. | Proof of CPR/First Aid Certification   | 5 point   |
| 7. | High School or College Level classes, as follows:<br><br>The best class term or semester will be used. Ten points maximum for any single category. The same class cannot be counted twice. |           |
|    | Algebra I      Drafting  |           |
|    | Algebra II      Blueprint Reading  |           |

	Geometry	National Electrical Code	
	Trigonometry	Electrical related	
	Integer Math	Electronics	
	Physics	Calculus	
a.	"A" grade		5 points (per semester credit or equivalent)
b.	"B" grade		3 points (per semester credit or equivalent)
c.	"C" grade		1 point (per semester credit or equivalent)
d.	"Pass" grade (no letter grade)		1 point (per 12 contact hours)
e.	Military training		5 points (per semester equivalent)
		Maximum for Section 7	50 points
8.	Shop Classes with a grade of "C" or above		5 points (per semester credit or equivalent)
		Maximum for Section 8	15 points
9.	High School Construction Classes with a grade of "C" or above		5 points (per semester credit or equivalent)
		Maximum for Section 9	15 points
10.	Trade School (Electrical)		10 points per certificate
	(Points for certificate are based on a 200 hour program. For programs less than 200 hours a proportional value will be credited.)		
		Maximum for Section 10	30 points
11.	Construction Related Classes		5 points per certificate
	(Points for certificate are based on a 200 hour program. For programs less than 200 hours a proportional value will be credited.)		
		Maximum for Section 11	20 points
12.	WORK EXPERIENCE		
	(Must be documented on Company Letterhead and signed by a current Employee of the company)		
a.	Electrical construction experience		15 points per 1,500 hours

		(maximum 30 points)
b.	Construction related experience	1 point per 150 hours (maximum 15 points)
c.	Electrical supplier/Trade support experience	1 point per 150 hours (maximum 20 points)
13.	Letters of References/Recommendation	
a.	Oregon Inside Electrician Registered Training Agent	15 points per letter (maximum 15 points)
b.	Licensed Electrical Contractor	10 points per letter (maximum 10 points)
c.	Any Employer/Reference (Non-Family)	1 point per letter (maximum 5 points)
	<b>TOTAL MAXIMUM SCORE</b>	<b>360 POINTS</b>