### Directions:
Evaluate the trainee using the rating scale below and check the appropriate number to indicate the degree of competency achieved. The numerical ratings of 3, 2, 1, and 0 are not intended to represent the traditional school grading system of A, B, C, D, and F. The descriptions associated with each of the numbers focus on level of student performance for each of the tasks listed below.

#### Rating Scale:

- **0** - No Exposure - no information nor practice provided during training program, complete training required.
- **1** - Exposure Only - general information provided with no practice time, close supervision needed and additional training required.
- **2** - Moderately Skilled - has performed independently during training program, limited additional training may be required.
- **3** - Skilled - can perform independently with no additional training.

### Student's Name ____________________________

<table>
<thead>
<tr>
<th>Directions:</th>
<th>LANDSCAPE DESIGN AG 0330</th>
</tr>
</thead>
</table>
| 01.0 Introduction to Landscaping | 01.01 Match terms and definition associated with landscaping
| 01.0 Introduction to Landscaping | 01.02 List the duties and responsibilities of a landscape architect
| 01.0 Introduction to Landscaping | 01.03 List the duties and responsibilities of a landscape horticulturist
| 01.0 Introduction to Landscaping | 01.04 Name the objectives of developing a landscape plan
| 01.0 Introduction to Landscaping | 01.05 List the guiding principles of landscape design
| 01.0 Introduction to Landscaping | 01.06 Identify as true or false statements relating to the elements of a good landscape design
| 01.0 Introduction to Landscaping | 01.07 Name the main areas to develop in a landscape design
| 01.0 Introduction to Landscaping | 01.08 Identify the tools associated with landscape design
| 01.0 Introduction to Landscaping | 01.09 Select statements that pertain to corner plantings
| 01.0 Introduction to Landscaping | 01.10 Identify factors as they relate to entrance and foundation plantings
| 01.0 Introduction to Landscaping | 01.11 List three different occupations related to landscaping
| 02.0 Landscape Design | 02.01 Match terms and definitions associated with landscape design
| 02.0 Landscape Design | 02.02 List the elements of landscape design
| 02.0 Landscape Design | 02.03 List the principles of symmetry in landscape design
| 02.0 Landscape Design | 02.04 Choose between formal and informal design factors
| 02.0 Landscape Design | 02.05 Draw and explain the symbols used in landscape design
| 02.0 Landscape Design | 02.06 List the sequence of planning a landscape design
| 03.0 Climate and Zonation | 03.01 Match terms and definitions associated with climate and plant zones
| 03.0 Climate and Zonation | 03.02 List the factors which influence weather
| 03.0 Climate and Zonation | 03.03 Explain plant hardiness and the importance of it in choosing plants for landscaping
| 03.0 Climate and Zonation | 03.04 Select appropriate plants for various landscaping conditions and considering climate
| 03.0 Climate and Zonation | 03.05 Demonstrate the ability to determine climate zone and develop a landscape plan for a given area

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01.0 Introduction to Landscaping

The student will be able to:

0 1 2 3

- Match terms and definition associated with landscaping
- List the duties and responsibilities of a landscape architect
- List the duties and responsibilities of a landscape horticulturist
- Name the objectives of developing a landscape plan
- List the guiding principles of landscape design
- Identify as true or false statements relating to the elements of a good landscape design
- Name the main areas to develop in a landscape design
- Identify the tools associated with landscape design
- Select statements that pertain to corner plantings
- Identify factors as they relate to entrance and foundation plantings
- List three different occupations related to landscaping

02.0 Landscape Design

The student will be able to:

0 1 2 3

- Match terms and definitions associated with landscape design
- List the elements of landscape design
- List the principles of symmetry in landscape design
- Choose between formal and informal design factors
- Draw and explain the symbols used in landscape design
- List the sequence of planning a landscape design

03.0 Climate and Zonation

The student will be able to:

0 1 2 3

- Match terms and definitions associated with climate and plant zones
- List the factors which influence weather
- Explain plant hardiness and the importance of it in choosing plants for landscaping
- Select appropriate plants for various landscaping conditions and considering climate
- Demonstrate the ability to determine climate zone and develop a landscape plan for a given area

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Grade

Instructor Signature ____________________________ Date ____________
04.0 Soil Conservation
The student will be able to:

0 1 2 3
 04.01 List types of erosion
 04.02 List factors that influence soil erosion
 04.03 Describe the four categories of water erosion
 04.04 List conservation practices for reducing erosion
 04.05 List mechanical and cropping practices used to reduce water erosion
 04.06 List factors that determine cropping systems
 04.07 List three organizations involved with soil conservation

05.0 Ornamental Plant Identification
The student will be able to:

0 1 2 3
 05.01 Discuss the system of plant classification
 05.02 Identify the parts of simple and compound leaves
 05.03 Name the types of leaf arrangement, venation and margins
 05.04 Identify the types of leaf arrangement to the stem
 05.05 Identify the parts of a stem
 05.06 Match stem modification to their descriptions
 05.07 Identify the types of inflorescences
 05.08 Identify 100 common ornamental indoor plants
 05.09 Identify 100 common ornamental outdoor plants

06.0 Horticulture Tools, Equipment, and Machinery
The student will be able to:

0 1 2 3
 06.01 Match terms and definitions associated with horticulture tools
 06.02 List the general rules for choosing garden tools
 06.03 List the kinds of shovels
 06.04 Name the kinds of hoes
 06.05 Identify as true or false statements about hoes
 06.06 List the kinds of shears
 06.07 Name the kinds of spading forks and two uses of each
 06.08 List some special tools used in horticulture
 06.09 Select preventive maintenance techniques for horticulture tools
 06.10 List the kinds of equipment used in horticulture and landscaping
 06.11 Name the tractor implements used in horticulture applications

07.0 Electrical Controls and Sensing Devices
The student will be able to:

0 1 2 3
 07.01 Identify types of controls by nomenclature and use, including thermostats, humidistsats, photoelectric cells, magnetic relays, timers, pressure switches, and time delay equipment
 07.02 Set controls, such as timers and switches, for the desired performance
 07.03 Use low voltage electrical control equipment
 07.04 Interpret wiring diagrams
 07.05 Select controls for electric motors from supply catalogs
 07.06 Connect, start, and stop magnetic motor controllers
 07.07 Install a timer circuit
 07.08 Install a thermal delay relay control
 07.09 Install a low voltage motor control system
 07.10 Install switch control for staring 115 & 230 volt motors
 07.11 Install a sensing device such as thermostat, humidistat, photoelectric cell, etc.

08.0 Leveling and Land Measurement
The student will be able to:

0 1 2 3
 08.01 Set up leveling instrument
 08.02 Take rod readings
 08.03 Determine difference in elevation of two or more points
 08.04 Record field notes for differential leveling
 08.05 Measure distance with steel tape
 08.06 Determine percent of slope
 08.07 Determine land area
 08.08 Use the hand level
 08.09 Read legal land descriptions
 08.10 Lay out foundations, footings, and batter boards

09.0 Lawn Site Quality and Preparation
The student will be able to:

0 1 2 3
 09.01 Identify common lawn tools and the safety practices associated with them
 09.02 Demonstrate the ability to prepare a lawnsite for proper drainage
0 1 2 3
09.03 Develop an irrigation plan for a lawn site
09.04 Demonstrate the ability to prepare a proper seedbed
09.05 Develop an overall plan for a lawn, protecting valuable natural features, to enhance property value

10.0 Maintaining Lawns
The student will be able to:
0 1 2 3
10.01 Describe how to properly water a lawn
10.02 Explain what happens when a newly seeded lawn has too much traffic
10.03 Describe the use of weed killers on a newly seeded lawn
10.04 Describe the mowing schedule of a newly seeded lawn
10.05 List the types of equipment for lawn mowing
10.06 Describe what each type of fertilizer does for a lawn
10.07 Develop a fertilizer schedule for a lawn
10.08 Identify common lawn problems
10.09 Select the qualities of a good and poor lawn
10.10 Demonstrate the ability to aerate a lawn
10.11 List the maintenance practices for lawns

11.0 Identification and Control of Turf Grass Pests
The student will be able to:
0 1 2 3
11.01 List the common diseases of turf grass
11.02 Describe the symptoms of various turf diseases
11.03 List the preventative management practices to avoid turf grass diseases
11.04 Identify the common insect pests harmful to lawns
11.05 Identify the common lawn diseases
11.06 Match the damage to the lawn with the pest responsible
11.07 Match the pests with the control measures for each
11.08 List the reasons for controlling weeds in lawns
11.09 Identify the common turf grasses used in the northwest and their specific area of advantage
11.10 List the management practices used in controlling lawn weeds

12.0 Gardening
The student will be able to:
0 1 2 3
12.01 Locate a desirable garden site at home
12.02 Determine the size of garden a family of four would need
12.03 Plan a garden layout based on suggested planting groups
12.04 Select vegetable varieties based on family preference, geographics, and vegetable seed availability
12.05 Estimate cost and return of a home garden
12.06 Determine the proper time to prepare garden soil for crops
12.07 Demonstrate the ability to prepare garden soil with usual cultural practices
12.08 Demonstrate the ability to properly plant a garden
12.09 Demonstrate the ability to transplant vegetables from flats and hot beds
12.10 List proper garden irrigation methods
12.11 List the common garden fertilization methods

13.0 Salesmanship
The student will be able to:
0 1 2 3
13.01 Match terms and definitions associated with salesmanship
13.02 Describe how to be a service to the customer
13.03 Explain how to use persuasion in closing a sale
13.04 Discuss the necessity to educate the customer before proceeding in the sales process
13.05 Discuss how vital sales are in the American system of economy
13.06 List the steps in making a sale