

## Residential Construction Landscaping Syllabus

**Time:** 80 hours

**Maximum Class Size:** 12

**Prerequisites:** None

**Course Description:** This 80-hour course prepares the participant to perform the tasks necessary to not only give the home curb-appeal but to assure the safety and efficiency of grounds around the home. The participants will learn the skills necessary to begin landscaping after the rough carpentry tasks are complete. Understanding the tasks to landscape a home is a very important part of being a successful apprentice or Construction Craft Laborer.

### Goals/Objectives/Student Learning Outcomes:

- Control soil erosion using ground cover, barrier or modifying the landscape to control runoff amounts and rates based on Soil Conservation Service standards and specifications.
- Spread topsoil uniformly to specified depth with slope and the site's surface must be uniform and smooth
- Install landscape drainage systems to remove excel water from home foundations and keep run-off from pooing in unwanted areas.
- Plant balled and burlapped trees in a hole twice the size of their rootball. The hole must be filled by adding soil, tamping and watering so soil is in close contact with roots.
- Plant containered or burlapped shrubs in a hole twice the size of their rootball or container. The hole must be filled by adding soil, tamping, and watering so soil is in close contact with roots.
- Cover plant bed with a weed barrier. All ends and sides must be buried. Manufacturer's recommendations and safety precautions must be observed when weed barrier is laid mechanically.
- Apply mulch to bed at a depth that will cover the plant's root system, prevent temperature fluctuations, and aid in moisture retention.
- Lay sod on a prepared and moistened sodbed without long seams or gaps between rods. Sod strips must be flattened to the sodbed using a roller. The sod must be irrigated immediately, until moisture reaches a depth of 2" to 3".

### Classroom Rules and Procedures:

- All classes begin at 6:30 am and end at 3:00 pm

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- Upon entering classroom, all participants must sign in and be seated by 6:30 am
- Class will consist of a combination of lecture, video, demonstration, coached group exercises, individual exercises and assessment.
- Students are required to report to class ready to work and maintain the provided PPE

### Standard

- OSHA Standard 29 CFR 1926.300 Subpart I      Tools-Hand & Power

### Textbooks/Readings/Materials:

- *Residential Construction Landscaping-LIUNA Training (Instructor & Participant Guides)*
- *Residential Construction Landscaping PowerPoint*
- Student Handout Packet
- 30-question Exit Exam A and B
- Flip chart
- Markers
- Computer and projector
- *Planting DVD*
- Sticky notes

### Tools/Equipment/Other Materials:

- French drain
- Blocking
- Grass
- Shrubs
- Trees
- Hammer or Nail Gun
- Circular saw
- 4 lb. hammer
- 6" x 6" x 8"
- 1' rebar
- 1' spikes
- Swales
- Gutter downspouts
- Trays
- Extensions
- Corrugated tubing
- Staple gun

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- Utility knife
- Spade shovel
- Grade rake
- 4" x 50' slotted corrugated pipe
- Duct tape
- 3' x 100' landscape fabric
- Pea gravel
- 4" pipe drain inlet
- Sod knife
- Garden rake
- Garden hose
- Assorted shrubs
- Assorted trees
- Sod
- Organic mulch
- Fabric weed barrier

### Personal Protective Equipment:

- 12 pairs of gloves
- 12 pairs of Safety Glasses
- 20 pairs of Ear plugs
- 12 hard hats

### Course Requirements:

To receive credit for the course, participants must:

- Be present for full eighty hours
- Participate in all classroom exercises
- Pass a written exam

### Course Policies:

- Participants must be on-time and ready to work.
- Participants must return from breaks on-time.
- Participants must participate in each exercise and assignment
- Participants who are on "light duty" are not allowed to take this course due to the physically demanding requirements.

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### **Assessment and Grading:**

Participants will be assessed on the following:

- All written exams must be passed with a score of 80% or above.
- All hands-on exercises are graded on performance and participation. They are pass/fail and must be passed with a score of 80% or above.

### **Safety:**

Failure to maintain and use PPE may result in dismissal from the course.