

# Anne Arundel Community College

## Landscape Management Technician Apprenticeship Program

**\*Maryland Employers may be eligible to claim up to \$1,000 tax credit per new Registered Apprentice per year.\***

Employers will pay a **one-time fee of \$400 per Registered Apprentice** for this innovative program that provides instruction in **Turf Installation and Maintenance, Pest Management, Landscape Maintenance and Design Implementation**. The program requires **2,000 hours of on-the-job training**, which are divided into 16 job categories with required training hours indicated for each group and will be tracked via an easy online process.

### Apprenticeship Online Instruction

(229 Total Hours/8 month estimated duration)

Instructor-Led with Success Coach interacting with apprentices  
Andriod Tablet Provided for Apprentice Instructional Usage

### Apprentice Development

#### Communication (48 hours)

- ESL [Non-native English Speakers]
- Spanish [English Speakers]

#### Career Development (15 hours)

- Dependability
- Adaptability
- Teamwork
- Professionalism
- Customer Service

#### Student Skills (10 hours)

- Orientation to the Online Course Environment for Training Success

### Technical Instruction

#### Landscape Plans Reading and Calculations (20 hours)

- Plan Reading
- Mathematical Calculations

#### Turf Installation and Maintenance/Pest Management (71 hours)

##### Turf Installation and Maintenance

- Turf Maintenance, Turf Installation and Fertilizer
- Watering and Irrigation Troubleshooting
- Turf Equipment Safety and Maintenance

##### Workplace Safety – OSHA Safety Certification

##### Integrated Pest Management

- Pest Management; Pesticides and Pesticide Application
- Maryland and Federal Laws
- Pesticide Hazards and First Aid

#### Landscape Maintenance and Design Implementation (65 hours)

##### Plants and Plant Biology

- Plant Functions and Needs, Planting, Tree and Shrub
- Landscape Equipment Safety and Maintenance

##### Design Installation

- Hardscapes and Edging
- Water Features and Lighting

##### Construction

- Site Grading and Drainage Installation
- Large Equipment Safety

##### Sustainability

- Raingardens and Run-Off Mitigation
- Native Plantings

### Apprenticeship On-the-Job Training

2,000 hours

#### Turf Maintenance

- Mow, edge, and trim turf areas and use backpack blower; use tools and equipment safely (350 hours)
- Aerate, vertical mow, and top dress existing turf areas using tools and equipment safely (100 hours)

#### Landscape Plan Maintenance

- Plant, cultivate and maintain plantings according to correct and safe procedures (100 hours)
- Weed, rake and cultivate shrub, groundcover and turf areas using tools and equipment safely (200 hours)
- Water, prune, fertilize, mulch, perform leaf removal, and otherwise maintain existing landscapes according to specifications (100 hours)
- Prune shrubs and trees (from ground position) using tool and equipment safely (100 hours)
- Identify correctly the plants, flowers and groundcovers used on projects under maintenance and care (75 hours)

#### Chemical

- Apply fertilizers as directed (50 hours)
- Apply specific herbicides, insecticides, and fungicides as directed using tools and equipment safely (100 hours)

#### Operations

- Organize equipment, tools and materials for maintenance/management projects, load truck safely (125 hours)
- Maintain (sharpen and minor adjustments) tools, equipment; check and advise vehicle maintenance (150 hours)
- Read, analyze, and measure job sites or blueprints and make necessary mathematical calculations (100 hours)

#### Installation

- Install trees and shrubs; adjust stakes and guy wire; and adjust hose ties to prevent girdling (50 hours)
- Renovate, seed, and sod lawns using tools and equipment safely (100 hours)
- Clean paving and hardscaping with hand and power tools and equipment in a safe manner (install or maintain) (50 hours)

#### Employer's Specialty Services

- Tasks and responsibilities that represent the Employer's changing business needs throughout the year. Examples are tasks associated with; greenhouses, nurseries, raingardens, native plantings, irrigation, run-off mitigation, snow removal, etc. (250 hours)

### AACC Point of Contact

**Dawn Carter**

**Director, Strategic Initiatives**

**ddcarter@aacc.edu**

**410-777-2928**

**Website: <https://bit.ly/2VKwMal>**