## **EMPLOYMENT AREAS/TITLES**

Landscape Architect
Landscape Designer
Project Manager
Account Manager
Construction Foreman
Maintenance Foreman
Irrigation Tech
Spray Tech
Office Manager
Arborist
Sales Manager
Estimator
Human Resources
Greenhouse Tech
Nursery "worker"
Golf Course Manager
Plant Health Care Specialist
Human Resources Director
Nursery Manager
Greenhouse Manager
Production Manager
Enhancements Manager
Color Coordinator
Assistant Golf Course Superintendent
Golf Course Superintendent
Sports Turf Manager
Sports Turf Manager Branch Manager

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#### Areas of for Certification

ISA Certified Arborist ISA Certified Tree Worker PLANET CLP PLANET CLT RLA (Registered Landscape Architect) Pesticide Applicator License (for state)
Contractor's License (for state)
Commercial Driver's License-CDL (for state) Irrigation.... Whatever they are

#### **IRRIGATION**

Plan reading Irrigation Design Installation

Components Programming a controller Adjust watering days Controllers

LEED

Xericscaping

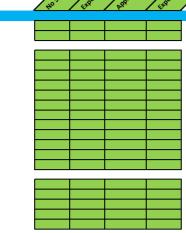
Controller Valve Back Flow Wiring

Pump Pipe (PE vs PVC) Drip

Typers Scheduling

Approaches to Water Conservation

Fittings (joints) Trouble Shooting & Maintenance



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#### Plan Reading Estimating/Quantity Takeoffs Conversions (cu feet to cu yards, etc) Grading/Drainage Hardscapes Paver/Flagstone Installation Retaining Wall Concrete Wood(Decks, Patios, benches, etc) Lighting Water Features Edging Installation Turf Installation & Prep Heavy Equipment Operation Skidsteer Mini excavator Backhoe Front-end Loader Truck & Trailer Tractor Compact Utility Loader Boom truck Trencher CDL Tree Spade Mulch Plant Installation Snow plow/removal Soil Information Soil Specification Interpretation of Soil Test Results Soil Management During Construction Topsoil Evaluation

**CONSTRUCTION/INSTALLATION** 

Soil Ammendments Soil Salinity Soil Compaction Sustainable Sites Initiative

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### MAINTENANCE

MAINTENANCE					l
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Woody Plant ID and Care					
Annual ID and Care					
Perrenial ID and Care					
Turf ID and Care					ı
Cool Season Warm Season					
Weed ID and management					
Insect ID and management					*N
Pathogen ID and management					*E:
Pesticide Application					*A
Equipment Blower					*E:
Trimmer					_
Edger					
Hedger					
Push mower					
Riding Mower					
Chainsaw Ladder					
Aerator					
Pruners					
General Equipment Safety					
Diagnosing Landscape Problems					
Concepts of Sustainable Management					
Recycling of Green Waste					
Ecological Principles Foliar Application					
Trunk injection					
Pruning					l)
Trees					ī
Timing					
Natural Target Pruning					
Use and care of hand pruners Use and care of loppers					
Shrubs					ļ
Evergreens					
Spring flowering deciduous					
Summer/fall flowering deciduous					
Roses					
Vines Fruit Trees					
Berries					
Worker Protection					
Documentation of Safety Training					
First Aid					
Calibration of chemical/fertilizer equipment					
Integrated Pest Management (IPM) Plant Health Care (PHC)					
Required Recods					
Observing and Recording Nature					
Turf Management					i
Turf ID					
Calculation of Fertilizer Rates					
Fertilizer application Liquid					1
Granular					
Optimization and Timing					
Use of Backpack Sprayer					
Snow Removal					
Plow					
Snow Blower					
Deicing Salt Safety					
Sustainable Sites Initiative					
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<sup>\*</sup>See Irrigation Sheet\*

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#### DESIGN

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Residential				
Commercial Drip				
teriorscape				
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ological Principles				
utdoor Lighting (nightscaping)				
ater Features Pump Systems				
Fountains				
Pools				
Filter Systems				
Liners				
Aquatic plants Fish				
ading and Drainage				
omputer Aided Landscape Design				
AutoCad				
Dynascape				
Real Time Landscape Arichtect Landscape Pro				
Photoshop				
Adobe Illustrator				
ant Materials				
Woody Plant ID and use				
Herbaceous Plant ID and use Ground Covers				
Ornamental Grasses				
Turf ID and use				
Interior Plant ID and use				
ock Gardens/Stone				
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esign Sales				
hancements				
Class B properties				
Class A properties				
onstruction Techniques				
arden History ant Ecosystems				
Praire				
Woodland				
Savanna				
Shrub Steppe Desert				
Riparian				
Wetland				
Rain Forest				
Alpine Montane				
eat Landscape Designers				
Lancelot (Capability) Brown				
Humphrey Repton				
Gertrude Jeckyll				
Jens Jenson				
Frederick Law Olmstead Garrett Eckbo				
Thomas Church				
Peter Lassig				
irden Design Styles				
Japanese				
Chinese				
Xeriscape Italian				
Italian English Cottage Garden				
Native				
Native Formal				

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# **MANAGEMENT**

Accounting Principles Client Relations Public Speaking Buisness Management Communication Verbal Written Leadership Human Resources Sales training Computer Skills Excel Word Power Point Outlook QuickBooks Organizational skills Pater work Time management Scheduling Crews Supervising Employees Performance Evaluations Writing skills Professional Resume Types of Companies (LLC, S & J Corp, etc) Marketing Risk, Laws, and Contracts

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#### Suggested Reading List

The Tipping Point From Good to Great The E-Myth Revisited How Life Imitates Chess

Strategic Planning Production Ethics

## ARBORICULTURE

Woody Pla	ant Identification		
	Trees		
	Shrubs		
	Vines		
CODIT	VIIICS		
Pruning			
riulling	Deciduous Ornamental Trees		
	Evergreen Trees and Shrubs		
	Deciduous Shrubs		
	Vines		
	Fruit trees		
	Small Fruits		
	Roses		
T 1			
Tree Appr			
	ssment and Risk Management		
-	rees and Shrubs		
Staking			
Plant Hea			
	IPM		
	Diagnosing Disease and Insect Problems		
	Soil Compation		
	Soil Problems		
	Urban Soils		
	Chemical Application		
	Calibrating Sprayers		
	and Soil Water Management		
Plant Sele			
	Specifying Trees		
	Inspecting Trees		
	ition and Fertilization		
Tree Supp			
	Cabling		
	Bracing		
	Guying		
	g Construction Damage		
Climbing a	and Working In Trees		
	Knots		
	Climbing Techniques		
	Inspecting Trees		
Safety			
	PPE		
	Basic First Aid		
	Chain Saw Safety		
	Chipper Safety		
	Aerial Rescue		
Spraying			
ISA Certifi	cation		
TCIA			
Pesticide A	Applicator License		

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