

Domain	Percentage	Content
Irrigation Design	18-22%	<ul style="list-style-type: none"> -Perform Site Analysis -Educate Client -Develop Detailed Design -Identify other Design Considerations
Irrigation Installation		<ul style="list-style-type: none"> -Implement Pre-Install Considerations -Understand Plans & Specifications (e.g., using a scale, reading specifications) -Identify Mobilization needs (i.e., project needs) -Perform Lay Out (e.g., mark property lines, locate system components) -Install Point of Connection -Perform Trenching/Pipe Pulling -Install Pipe and Fittings -Install Wiring -Install Various Sprinkler Heads and Assemblies -Install Various Drip Components (e.g., point source & inline drip, pressure reducing valve (PRV), micro sprays) -Install Valves -Install Controller and Related Components
Irrigation Scheduling & Water Management & Conservation	22-25%	<ul style="list-style-type: none"> -Understand the Soil-Plant-Water Relationship -Conduct Irrigation Assessment/Audit -Analyze Site Conditions for Water Conservation Potential -Calculate a Watering Schedule
Maintenance/Repair	18-22%	<ul style="list-style-type: none"> -Perform Maintenance -Perform Routine Maintenance - Perform Repair -Educate Customers about Water Efficiency and Best Management Practices
Federal Laws & Codes	8-12%	<ul style="list-style-type: none"> -Occupational Safety and Health Administration (OSHA) -National Electric Code (2005 or 2008) -National Standard Plumbing Code (2006) -Labor Laws
General Business Management	5-7%	<ul style="list-style-type: none"> -Understand Basic Accounting Practices (e.g., profit and loss, balance sheets, annual budgets) -Maintain Recordkeeping (e.g., Human Resources, taxes, Department of Transportation (DOT)) -Understand Insurance Information and Policies -Understand Elements of a Contract and/or Proposal -Perform Bidding and Estimating -Perform Job Costing (e.g., cost analysis, budgeting)