

DACUM Skill Rating Scale

- 1 - Can perform some parts of this skill satisfactorily but requires assistance and/or supervision to perform the entire skill.
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MANAGE PROJECTS
 A

Manage budget A1	Manage conflict A2	Manage resources (human, physical, etc.) A3	Create / manage timelines A4	Locate / analyze sourcing options A5	Evaluate work processes A6	Record milestones and accomplishments A7	Develop project plans A8
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Develop communication plans A9	Manage sign-off A10	Evaluate project A11	Synthesize outcomes and efficiencies A12				
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4				

DEMONSTRATE PROFESSIONALISM
 B

Demonstrate creativity B1	Practice flexibility B2	Assess personal skills and areas for growth B3	Solve problems B4	Develop a network with other professionals B5	Demonstrate a commitment to life-long learning B6	Maintain professional memberships / certification B7	Demonstrate integrity B8
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Demonstrate ethical behaviour B9	Demonstrate leadership skills (i.e. lead by example / "walk the talk") B10	Demonstrate a positive attitude B11	Demonstrate respect for others B12	Practice / demonstrate a commitment to community and industry B13	Project a positive image B14	Maintain currency with industry products, trends, innovations B15	Demonstrate composure under duress B16
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Manage time B17	Maintain work-life balance B18	Display initiative B19	Manage change B20	Identify and utilize priorities B21	Mentor B22	Create resumes B23	Develop a professional portfolio B24
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Adhere to laws / regulations/ professional practices B25							
1 2 3 4							

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MANAGE LAND DRAINAGE
H

Assess drainage needs H1	Design drainage and/or holding systems (surface and sub-surface) H2	Identify and analyze sub-soil conditions H3	Identify hazardous conditions or potentials H4	Evaluate the impact of drainage on environment H5	Identify flow patterns and volumes H6	Modify flow patterns and volumes H7	Identify / describe drainage systems and related components H8
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Assemble drainage components H9	Test drainage systems H10	Interpret drainage plans H11	Construct drainage plans H12	Prepare and modify "as-built" drawings H13	Trouble-shoot drainage issues H14		
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4		

APPLY ARBORICULTURE THEORY, PRINCIPLES AND PRACTICES
I

Apply pruning practices I1	Apply removal practices I2	Climb trees I3	Assess/evaluate tree and shrub health I4	Identify hazardous trees I5	Develop and apply a plant health care program I6	Employ structural repair strategies and techniques I7	Prepare soil for planting I8
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Apply principles of allelopathy I9	Apply principles of post-planting care I10	Prepare planting beds I11	Manage trees on construction projects I12	Integrate and use practices to minimize damage to trees I13			
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4			

APPLY PLANT SCIENCE
J

Apply propagation techniques J1	Manage plant life-cycle J2	Apply pathology theories and principles J3	Apply botany and physiology theories and principles J4	Use scientific terminology J5	Apply entomology theories and principles J6	Apply principles of soil science J7	Evaluate / select appropriate nutrition requirements J8
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Employ nursery production procedures J9							
1 2 3 4							

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**DESIGN
LANDSCAPES
K**

Apply principles of design K1	Design plant beds / features K2	Select plant materials K3	Diagram landscape plans K4	Identify customer specifications K5	Estimate / calculate material quantities based on project design / specs K6	Estimate costs K7	Select landscape materials K8																				
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Use measurement skills K9																											
1				2				3				4															

**BUILD
LANDSCAPES
L**

Assess logistics and schedule labour and materials L1	Employ appropriate construction methods L2	Select / co-ordinate sub-contractors L3	Manage construction staff L4	Assess and manage quality L5	Implement layout plans L6	Use tools appropriate to the task L7	Build / install hardscapes L8																				
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Build / install softscapes L9																											
1				2				3				4															

**MAINTAIN
LANDSCAPES
M**

Identify client needs M1	Develop objectives to meet client needs M2	Develop site-specific maintenance plan M3	Organize resources M4	Implement cultural practices M5	Infer / analyze customer satisfaction M6	Apply I.P.M. strategies M7	Amend soil M8																
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inform / explain effective landscape practices and reasons (to clients, co-workers) M9																							
Demonstrate environmental stewardship practices M10																							
1				2				3				4											

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OPERATE AND MAINTAIN EQUIPMENT AND TOOLS
N

Demonstrate safe chainsaw use N1	Practice safe machinery and equipment operation N2	Follow workplace safety regulations and practices N3	Monitor / maintain equipment (cleaning, checking fluids, air, etc.) N4	Calibrate equipment N5	Identify existing and potential machinery problems N6	Follow equipment use and care manuals / directions N7	Develop training and orientation program N8
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Prepare equipment for transport N9	Sharpen tools and equipment N10	Fix / repair minor equipment problems N11	Use a skidsteer N12	Practice safe pesticide application N13			
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4			

MANAGE ASSETS
O

Manage inventory 01	Manage asset depreciation 02	Analyze / assess capital and equipment requirements 03	Manage infrastructure 04	Apply business and accounting principles 05	Plan strategically 06	Demonstrate a proactive approach to regulation / law compliance 07	Manage HR assets 08
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Identify potential used-equipment buyers 09	Manage risk 010	Practice and apply first aid principles and procedures 011					
1 2 3 4	1 2 3 4	1 2 3 4					