Comparisons of Job Characteristics

Focus Occupation: Forest and Conservation Workers (45-4011)
Associated Occupation: Fallers (45-4021)

Compare Knowledge
Compare Skills
Compare Abilities
Compare Detailed Work Activities
Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 41

Focus Occupation: Forest and Conservation Workers (45-4011)
Associated Occupation: Fallers (45-4021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mechanical	6.8	9.0	9.2	0	Current knowledge level may be sufficient
Production and Processing	6.0	7.2	8.7	>	Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 52

Focus Occupation: Forest and Conservation Workers (45-4011)
Associated Occupation: Fallers (45-4021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Operation and Control	5.4	9.2	7.1	<	A higher skill level may be required
Equipment Maintenance	3.5	7.2	4.8	<<	Extensive development of skills in this area may be required
Troubleshooting	4.5	6.9	5.4	<	A higher skill level may be required
Repairing	3.4	6.5	4.2	<<	Extensive development of skills in this area may be required
Equipment Selection	3.3	6.4	4.7	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 48

Focus Occupation: Forest and Conservation Workers (45-4011)
Associated Occupation: Fallers (45-4021)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Reaction Time	4.8	14.7	6.5	<<	Extensive improvement in abilities may be required
Static Strength	5.0	13.0	10.5	<	Some improvement in abilities may be required
Multilimb Coordination	6.0	12.5	9.8	<	Some improvement in abilities may be required
Speed of Limb Movement	3.2	11.4	5.4	<<	Extensive improvement in abilities may be required
Trunk Strength	5.7	11.2	8.7	<	Some improvement in abilities may be required
Extent Flexibility	4.8	10.8	7.3	<<	Extensive improvement in abilities may be required
Stamina	4.0	10.2	7.3	<<	Extensive improvement in abilities may be required
Gross Body Coordination	3.9	10.0	6.4	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	6.4	4.3	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Forest and Conservation Workers (45-4011)
Associated Occupation: Fallers (45-4021)

Work Activities	Exclusivity of Activity
Load, unload, or stack containers, materials, or products	37
Move or fit heavy objects	8
Read maps	42
Read measuring or metering devices used in forestry	89
Recognize tree or forest plant species	78
Recognize wood species characteristics	78
Use chain saws	78
Use fire suppression equipment	85
Use hand or power tools	2

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Forest and Conservation Workers (45-4011)
Associated Occupation: Fallers (45-4021)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.