

# Ski Area Operations

## Career & Technical Degrees and Certificates

**Certificate: Ski Patrol Operations** This certificate provides the student an opportunity to gain the skills necessary to find entry-level employment as a career ski patroller. This curriculum includes many of the courses included in the Associate of Applied Science degree in Ski Area Operations and credits may be applied toward that degree.

Students must demonstrate acceptable proficiency levels in reading as a prerequisite for courses within this certificate. Students' proficiency may affect the sequence of classes in which they can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section of the catalog or contact the Ski Area Operations faculty.

Graduates of the program will receive a Certificate of Occupational Proficiency in Patrol Operations I or II.

Your advisor will help you develop a schedule that meets your needs.

The Ski Area Operations degree and associated certificates are offered at Leadville. Some courses may be available at other CMC locations and as web-based courses. See the section on courses for more information.

<b>Level I Ski Patrol Operations Certificate</b>	
SAO 160 Ski Patrol Operations	2
SAO 161 Ski Patrol Operations Lab	2
HPR 125 Outdoor Emergency Care	4
PER 152 Avalanche Safety I	1
<b>Minimum Credit Hours Required</b>	<b>9</b>
<b>Minimum Contact Hours Required</b>	<b>202.5</b>
<b>Level II Ski Patrol Operations Certificate</b>	
EMS 125 EMT Basic	9
EMS 170 EMT Basic Clinical	1
SAO 110 Ski Area Risk Management	3
PER 154 Avalanche Safety II	2
<b>Minimum Credit Hours Required</b>	<b>15</b>
<b>Minimum Contact Hours Required</b>	<b>270</b>

**Certificate: Slope and Trail Maintenance** This certificate provides the student an opportunity to gain the skills necessary to find entry-level employment in the grooming, snowmaking, and slope maintenance field. This curriculum includes many of the courses included in the Associate of Applied Science degree in Ski Area Operations and credits may be applied toward that degree.

Students must demonstrate acceptable proficiency levels in reading as a prerequisite for courses within this certificate. Students' proficiency may affect the sequence of classes in which they can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section or contact the Ski Area Operations faculty.

Graduates of the program will receive a Certificate of Occupational Proficiency in Slope and Trail Maintenance.

Your advisor will help you develop a schedule that meets your needs.

The Ski Area Operations degree and associated certificates are offered at Leadville. Some courses may be available at other CMC locations and as web-based courses. See the section on courses for more information.

SAO 111 Equipment Operations	2
SAO 112 Equipment Operations Lab	1
SAO 131 Trail Grooming Operations	2
SAO 132 Trail Grooming Operations Lab	1
SAO 133 Terrain Park and Half-Pipe Operations	2
SAO 141 Snowmaking Operations	2
SAO 142 Snowmaking Operations Lab	1
SAO 151 Snow Vehicle Maintenance	2
SAO 152 Snow Vehicle Maintenance Lab	1
SAO 155 Events Management	2
<b>Minimum Credit Hours Required</b>	<b>16</b>
<b>Minimum Contact Hours Required</b>	<b>330</b>