# MILLWRIGHT

## First-year Apprentice Learning Plan

**Please indicate in the appropriate course column the skills to be focused on in this 125-hour course.**
**Feel free to add skills specific to your work site.**

| Trade Skills and Tasks | RAP 15<br>125 hrs<br>RAP 4144 | RAP 25A<br>250 hrs<br>RAP 5144 | RAP 25B<br>375 hrs<br>RAP 5145 | RAP 25C<br>500 hrs<br>RAP 5146 | RAP 35A<br>625 hrs<br>RAP 6144 | RAP 35B<br>750 hrs<br>RAP 6145 | RAP 35C<br>875 hrs<br>RAP 6146 | RAP 35D<br>1000 hrs<br>RAP 6147 |
|---|---|---|---|---|---|---|---|---|
| Demonstrates basic calculation and measurement specific to trade (metric/imperial) | | | | | | | | |
| Reads blueprints | | | | | | | | |
| Applies blueprint reading | | | | | | | | |
| Selects work-piece materials | | | | | | | | |
| Measures work-piece | | | | | | | | |
| Performs layout operations | | | | | | | | |
| Describes machine alignment procedures | | | | | | | | |
| Selects and uses hand and power tools | | | | | | | | |
| Selects correct cutting fluids, compounds, coolants and lubricants | | | | | | | | |
| Selects cutting tools | | | | | | | | |
| Sets up, operates and maintains power saws | | | | | | | | |
| Sets up, operates and maintains drills | | | | | | | | |
| Sets up, operates and maintains lathes | | | | | | | | |
| Sets up, operates and maintains grinders | | | | | | | | |
| Sets up, operates and maintains milling machines | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

**Note:** These skills and tasks are taken directly from the *Apprenticeship and Industry Training Record Book* (Blue Book) as a general guideline of the training required for a first-year RAP student.

Employer's Signature

Student's Signature

Off-campus Coordinator's Signature


©Alberta Education, Alberta, Canada