

XLR8ed Learning's

# Red Seal Millwright Exam First Attempt Study Plan



# Step One: Know what will be Tested!

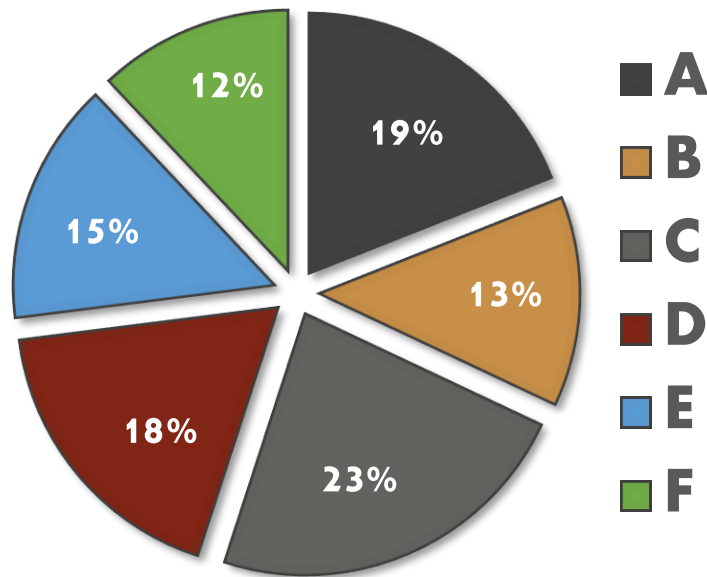
## Trade Curriculum and Exams

The Trade Curriculum is divided into Topics Blocks. The Blocks then break down into individual Topics (Tasks).

[Click Here or the Red Seal Logo to visit Red-Seal.ca](#)



## TOPIC BLOCK EXAM WEIGHTS



## Topic Block Breakdown

Every Topic within the Blocks are further broken down into individual weights. This allows you to know exactly how many questions for each topic will be on the exam.



# Millwright Exam Topic Weighting

Trade Topics	Number of Exam Questions
<b>Block 1/A - Common Occupational Skills</b>	
<b>Task 1</b> – Performs Safety Related Functions	4
<b>Task 2</b> – Organizes Work	5
<b>Task 3</b> – Communication and Mentoring	7
<b>Task 4</b> – Process Workpiece Material	3
<b>Task 5</b> – Maintains Machines and Tooling	4
<b>Task 6</b> – Performs Welding and Cutting operations	2
<b>Block 2/B – Benchwork</b>	
<b>Task 7</b> – Plans Rigging, Hoisting and Moving	8
<b>Task 8</b> – Performs Rigging, Hoisting and Moving	9
<b>Block 3/C – Mechanical Power Transmission</b>	
<b>Task 8</b> – Prime Movers	5
<b>Task 9</b> – Shafts, Bearings and Seals	6
<b>Task 11</b> – Couplings, Clutches and Brakes	5
<b>Task 12</b> – Chain and Belt Drive Systems	5
<b>Task 13</b> – Gear Systems	5
<b>Task 14</b> – Shaft Alignment	6
<b>Block 4/D – Material Handling and Process Systems</b>	
<b>Task 15</b> – Robotics and Automated Equipment	1
<b>Task 16</b> – Fans and Blowers	4
<b>Task 17</b> – Pumps	5
<b>Task 18</b> – Compressors	5
<b>Task 19</b> – Process Piping, Tanks and Containers	4
<b>Task 20</b> – Conveying Systems	5
<b>Block 5/E – Fluid Power Systems</b>	
<b>Task 12</b> – Sets Up Conventional Lathes	12
<b>Task 13</b> – Operates Conventional Lathes	9
<b>Block 6/F – Preventative &amp; Predictive Maintenance Commissioning and Decommissioning</b>	
<b>Task 14</b> – Preventative and Predictive Maintenance	15
<b>Task 15</b> – Commissions and Decommissions Equipment	13

**Exam Question Total**

**135**



## Step Two: Set a Schedule

### How Much Time and When?

The amount of time need depends upon the person. But don't shortchange you study time! Rewrites are costly and discouraging. We recommend at least 8 weeks and 2 hours a day (average) of study time.



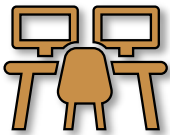
### Set a Schedule

Set a daily schedule and commit to it. It may seem challenging for the first couple of days, but it does get easier.



### Tell Your Friends and Family

It's important they know importance of this exam. Ask them to please respect your study schedule.



### Study Space

You should practice micro-study sessions throughout the day. For your scheduled study sessions, you need a quiet, distraction free space.

### Reward Yourself

It's important to reward yourself daily and weekly. These rewards make the whole process easier.





## Step Three: Trade Topic Review

### Topic Testing

Begin with the first Trade Topic. Test your knowledge by trying relevant topic questions.



### Review & Rectify

Review your question results and brush up on areas of weakness



### Repeat, Repeat & Repeat

Repeat the Topic questions and review process.



### Primed to Proceed

Topic mastery is confirmed when you achieve 80% or better, 5 times in a row. With this, you can move onto the next topic with confidence. Complete this process for every Trade Topic.



## Step Four: Exam Rehearsal

### Practice Exam

Attempt practice exams with the correct number of topic questions. Repeat as many times as needed. Brush up on any topics of weakness.



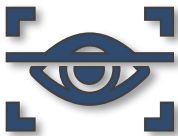
### Exam Anxiety

This process will help ease “Exam Anxiety”. Exams make most people anxious. The more times you do it, the better you will perform on the actual exam.



### Set Your Pace

With each attempt, you will develop stronger time management skills. These skills are needed for the actual exam..



### Scanning Skills

Quickly finding question that will require more time is important. This allows you to plan your exam attempt. Practice exams help to build this skill.