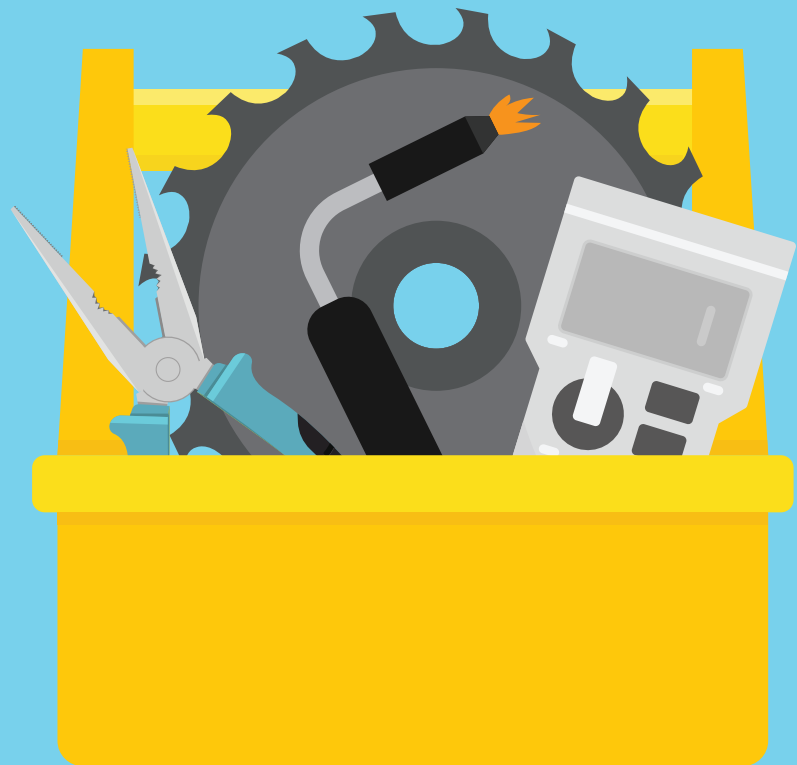


## INDUSTRIAL



# Pattern Maker

A pattern maker reads and interprets complex engineering drawings, pattern drawings and work process documentation; designs and creates foundry patterns and core boxes from metal, wood, plastic and polystyrene for parts and components cast from metal; builds precision pattern tooling using wood and metal cutting machines and equipment, including saws, drills, grinders, lathes, mills and electrical discharge machines and performs work-in-process measuring and checking using specialized and precision tools and equipment.

Do you enjoy working on a variety of tasks requiring creativity and ingenuity? Do you have a good eye for detail and the ability to spot flaws? Do you like working with numbers, and are you precise and accurate at it? Do you enjoy learning about new technology and materials?



### MOST IMPORTANT ESSENTIAL SKILLS

- attention to detail
- communication skills
- problem solving
- teamwork



### POTENTIAL EARNINGS

#### Hourly wage

from \$18.60 to \$35.15

#### Annual salary

from \$36,270 to \$68,542

**Make up to 100K during your apprenticeship**



### CAREER OPPORTUNITIES

#### You could work:

- for aircraft manufacturers
- for auto manufacturers
- on shipbuilding
- for machine and parts manufacturers

or one day have your OWN business!

#### Other related trades:

- General machinist (429A)
- Motive power machinist (410K)
- Tool and die maker (430A)



To become a pattern maker, you could participate in an apprenticeship.

**Start your apprenticeship now with OYAP!**



### IMPORTANT DETAILS

- **CODE 443A**
- Non-compulsory trade
- 7,280 hours on the job + 720 hours of in-school training (levels 1, 2, 3)
- Total of 8,000 hours (approximately four years)
- Certifying exam

**Check out the specialized programs in your high school to explore the trades!**

**Let OYAP be your helping hand!**

Visit [Skilled Trades Ontario](#) for more information.