

INDUSTRIAL



Thin Film Technician

A thin film technician applies very fine optical coatings to wavelength filters, anti-reflective coatings, special mirrors and polarizing elements. They work with spherical precision optics, synchro-speed precision optics, plano precision optics and thin film operation.

Do you have good manual dexterity? Do you have working knowledge of tooling, machining, gauges and proper use of equipment? Are you interested in mechanical drawings, blueprints and interpretation? Do you have knowledge at using measuring equipment? Do you like to solve technical problems and make sound decisions?



MOST IMPORTANT ESSENTIAL SKILLS

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



POTENTIAL EARNINGS

Hourly wage

from \$18.00 to \$40.00

Annual salary

from \$35,100 to \$78,000

Make up to 100K during your apprenticeship



CAREER OPPORTUNITIES

You could work:

- in semiconductor manufacturing
- in optics and photonics
- in solar energy production
- in medical device manufacturing
- in research labs
- at universities

or one day have your OWN business!

Other related trades:

- Architectural glass and metal technician (424A)
- Optics technician (lens and prism maker) (225A)



To become a thin film technician, you could participate in an apprenticeship.

Start your apprenticeship now with OYAP!



IMPORTANT DETAILS

- **CODE 225F**
- Non-compulsory trade
- 8,000 hours on the job + 80 hours of in-school training (level 1)
- Total of 8,080 hours (approximately four years)
- No 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.