BioCareer Pathway for Production Engineer

**Recent Graduates**
- Bachelor’s degree in production or manufacturing engineering (a Master’s typically means faster advancement and higher starting salary). Six sigma certification is an asset and for some companies will be a requirement.

**Job Functions**
(You may be responsible for more than one)
- Designing production planning and control systems
- Conducting quality checks and troubleshooting faulty parts and internal fixtures and structures
- Responsibility for castings, joining processes, metal cutting & tool design, metrology, machine tools, machining systems, automation, jigs and fixtures, and die and mould design
- Increasing productivity by managing people, processes, and technologies

**Entry-level**
- Intern (as part of Engineer in Training certification)

**2-5 Years**
- Production Engineer I
- Production Engineer II

**5-10 Years**
- Production Engineer III
- Production Engineering Supervisor

**10+ Years**
- Production Engineering Manager

**Career Change**
- Process Development Technician (with additional courses in engineering)

Actual job titles may vary slightly between organizations.

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Building skills for Canada’s bio-economy

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