WAIKATO ENGINEERING PATHWAYS In the Waikato, engineering jobs and salaries are skill based requiring qualifications You must have a mix of academic learning and practical skills to excel in an engineering career Business Owner • Self Employed • Contractor • Consultant QUALIFICATIONS ROLES AND SALARY RANGE[^] YOU NEED TO: NCEA Level 3 NCEA Level 1 **11** Engineering PhD Engineer Be willing to learn UNIVERSITY ENTRANCE Subjects you should consider: 10 Masters of Engineering Engineer Be interested in Chemistry You will need University understanding how Entrance to do a University thinas work Ø Construction & Bachelor or Institute of mechanical technologies Engineer (10-20 yrs experience).. \$120K+ **08** Bachelor of Engineering Technology degree. Be motivated and (Honours) enthusiastic Algebra, calculus and physics Engineer (5-10 yrs experience)..... \$75K - \$115K Design & visual recommended and specific communication Be a team player subject requirements apply Engineer (entry level).. Digital technologies Sales Engineer. Be a problem solver 07 Bachelor of Engineering Technology (Civil) Ø English Have excellent communication skills Technology Bachelor of Engineering CAD Designer. Technology (Electrical) Have stickability Maths and Statistics - seeing a task through Bachelor of Engineering from start to finish Physics Technology (Mechanical) **Engineering Technician** Be computer literate Processing technologies **Production Technician** Be responsible Science Electrical Technician... **06** NZ Diploma in ICEA Level 2 Be good at science Engineering (Civil) and maths NZ Diploma in Chemistry Process Supervisor Be drug-free Engineering (Electrical) or (Electronics) Design & visual **Maintenance Engineering** Have a full, clean communication Supervisor. NZ Diploma in drivers licence Engineering (Mechanical) Sales Engineer. Technology Welding Supervisor. Maths - Algebra and Calculus **05** NZ Certificate in Engineering Workshop Supervisor. Mechanical Physics Key Electrical (Advanced Trade) English Maintenance Engineer. University Entrance is required for University Bachelor * WTA and Integrated of Engineering. Specific subject requirements apply **CNC Programmer**. Engineering option 04 NZ Certificate in Engineering Tool Maker. (in work apprenticeship) Iniversity Entrance is required for Institute of echnology Bachelor of Engineering Technology. pecific subject requirements apply. Mechanical Fitter and Turner. Electrical Automotive Fabricator NCEA Level 2 is required for Institute of Technology Industrial measurement **Machine Operator** mas. Specific subject requirements apply and control Process Operator. rade qualifications entry criteria varies from open entry o NCEA Level 2 depending on the programme. Electrician... **03** NZ Certificate in Engineering Mechanical (Open Entry) WTA Wintec Waikato Trades Academy and Integrated * ENGINEERING YOUR FUTURE Engineering. At Level 2 and 3 you take the Winte Electrical programme of your choice alongside your school subjects, and travel to Wintec for practical, hands on Automotive (Open Entry) **Boiler Maker** learning, typically one day a week, plus a block course

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02 My Career Pathway

Construction

Manufacturing

(Open Entry)

Technology

^Salary ranges are for entry level positions to 10+ years experience and vary from company to company



\$75K - \$130K+ \$55K - \$130K+

\$50K - \$65K

\$68K - \$150K+

\$58K - \$100K

\$60K - \$100K \$42K - \$70K

\$42K - \$110K

\$70K - \$120K \$80K - \$110K \$65K - \$150K \$59K - \$100K \$50K - \$90K

\$45K - \$120K \$36K - \$100K .\$55K - \$95K \$45K - \$95K \$45K - \$95K \$40K - \$80K \$45K - \$110K \$62K - \$84K

\$57K - \$95K

\$44K - \$70K

Welder

Machine operator (unqualified) ... \$42K - \$60K

SENIOR ROLES

General Manager......\$170K - \$400K+ Operations Manager....\$78K - \$140K+ Production Manager....\$85K - \$150K+ Project Manager......\$82K - \$140K+

To best prepare for whatever manufacturing opportunity presents itself, focus on getting a solid grasp of the basic concepts in the maths, science and technology fields, while not neglecting good verbal and written communication skills, and experience in team environments.

re are plenty of opportunities nanufacturing, so don't be put off by what you don't know or by what you think you do know.

Put your hand up to get involved and see for yourself how exciting a future in manufacturing could be!

KEITH FRASER

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WECA CHAIR