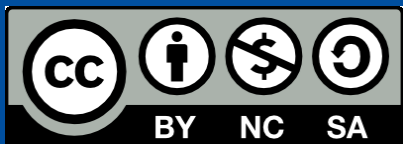
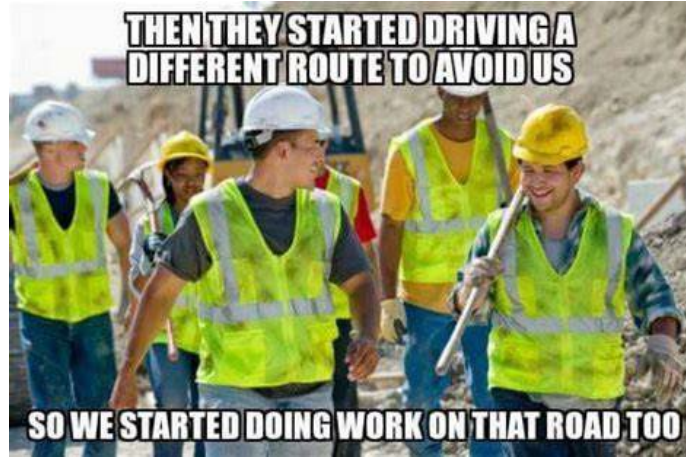


# DELIVERING JOBS FOR OUR STUDENTS THROUGH INDUSTRY NIGHTS

TONY GREEN & ADAM LIBERATORE  
OTAGO POLYTECH  
ENGINEERING TECHNOLOGIES



# Tony's Background





# Adam's Background



# Connections with Industries

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- Industry Job Night
- In the Classroom
  - Guest Lecturers
  - Site Visits
  - Student Projects/Research
- Engagement
  - Networking/Industry Groups/Seminars
  - Permanent External Advisory Committee (PEAC)
  - Research



# Jobs Night

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- Offered since 1996
- Opportunity to connect in person
- Industry gets to know students
- Informal setting
- Short introduction about what industry wants
- Students come with CV's
- Summer work
- Networking afterwards

# Jobs Night Preparation

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- Engineering New Zealand Speed Interview Night
  - This year: ~20 industry ~35 students
  - 5-7 interviews in one night
  - Industry provides immediate feedback
  - Have a chance to improve over the course of evening
- CV Support
  - With lecturers
  - In Tech Lit class



# In the Classroom: Guest Lecturers

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- Bring Industry problems into the classroom
- Different perspective
- Real-world Problems
- Real-world Methods
- Job requests
- Produce resources

## In the Classroom: Site Visits

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- Different perspective
- Real-world Problems
- Real-world Methods
- See how things happen
- Health and safety/Risk Assessment Completion



# In the Classroom: Student Projects

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- Real-world Problems
- Student “interview” period
- Get answers to non-critical path problems
- Assessment by Industry/Customer
- Engineering Project/ Engineering Development Project  
Capstone



# Engagement: Networking

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- Engineering New Zealand Welcome BBQ
- Quiz Night
- Young Engineer: What Are You Doing presentations
- Networking Evening
- Beca Scholarship
- Meetings with Industry
- Industry approaching us

# Engagement: Seminars

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- Industry Sponsored Presentations
  - Industry 4.0 Smart Factory Showcase 2023
  - NZ Geological Society Lecture
  - SolidWorks training
  - Beca Showcase
  - Fulton Hogan Roadshow

# Engagement: Permanent External Advisory Committee

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- Using relevant software, hardware, technology
- Keep up with technology
- *The main role of the committees is to provide advice on the quality, relevance, scope, and currency of Otago Polytechnic Ltd programmes of study, and to advise on training and education priorities and gaps.*

- <https://online.op.ac.nz/about-us/governance-and-management/policy-library/permanent-external-advisory-committee/>



# Engagement: Industry Groups

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- Allows academics better access to other groups
- Staff are currently member:
  - Engineering New Zealand Dunedin Committee Branch
  - Southland Otago Regional Engineering Collective (SOREC) Board of Directors
  - Vocational Engineering Education New Zealand (VEENZ)
    - Steering Board
    - Quality Assurance
  - Electrical something...
  - Maths



## Engagement: Research

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- Tackle industry problems
- Work with Industry as a client / supervisor

# Student Benefits

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- **Job Night:** *"It's good to get an idea from them what their business specialises in and the kind of career progression they offer but it could do with less 'our company is the best because we have the best team' generic corporate stuff. Some presentations made it clear who/how many people they were looking to employ, others didn't. It would help if all of them at least briefly mentioned this info even if just to say they currently looking for nobody but keep an eye on x and y channels"*  
*"Good to see where ex students are, who were where we are now."*  
*"Good to be able to talk to Industry in a non-formal setting."*
- **Network:** *"Good to talk with people who are doing what I might be doing soon"*

# Industry Job Night: Interconnectedness

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## Civil

- Road
- Water
- Structures

## Electrical

- Automation
- Power

## Mechanical

- Production
- Design

# Industry Job Night: Interconnectedness

