



Craig Richardson  
INSTITUTE OF FOOD  
PROCESSING TECHNOLOGY

# ***Training and Applied Research at IFPT***

***Luis Garcia – Chair***



**CONESTOGA**  
Connect Life and Learning



# ***Food Processing Technician***

- 2 years, full time
- Machine operators,
- Maintenance assistants,
- Production lead hands,
- Lab techs



# Operations Leadership



Craig Richardson  
INSTITUTE OF FOOD  
PROCESSING TECHNOLOGY

- 1 year, post-graduate,
- Full time
- Production & QA supervisors or leadhands
- CI-L6S, HR, PM





# ***Food Processing Supervisor***

## ***part time***

- Coaching And Developing People
- Developing Effective Teams
- Project Management
- Creative and Critical Thinking
- Managing Change
- OHS
- Continuous Improvement Process

# Food Safety and QA



Craig Richardson  
INSTITUTE OF FOOD  
PROCESSING TECHNOLOGY

- 1 yr post-graduate, full time
- FS/HACCP supervisors, QA tech, Inspectors





# ***Advanced Sanitation Practices***

***part time***

3 days

Hands-on!





## Learning Environment

Food processing  
pilot plant

Laboratory  
(Microbiology,  
Chemistry)

In shop  
(mechanical, electrical,  
welding, robotics)

Baked products,  
fresh vegetables,  
beverages



# ***Graduates - skills***



Craig Richardson  
INSTITUTE OF FOOD  
PROCESSING TECHNOLOGY

- ✓ problem solving
- ✓ troubleshooting
- ✓ critical thinking
- ✓ working in teams
- ✓ ***job ready!***



# ***Research – Tech for Food***



Craig Richardson  
INSTITUTE OF FOOD  
PROCESSING TECHNOLOGY

- Direct collaboration with industry
- Food safety, shelf-life
- Automation & robotics
- New product development
- Food packaging systems



# Projects

- Assessing an innovative floor coating
- Extending product shelf-life (coating material, coating process) (packaging system)
- Line automation (equipment design and prototype development)
- Hyperspectral imaging
- New product development



***Thank you!***

**Luis Garcia**

**[lgarcia@conestogac.on.ca](mailto:lgarcia@conestogac.on.ca)**