

Why Technical Education ?



**Engineering
Manufacturing
Design
Graphics**

Engineering

Engineering breakthroughs
are endless and amazing.

YOU could be producing
structures such as the new
Forth Rail Bridge or
lifesaving
Medical Equipment.





YOU could be the future James Watt,
the Scottish Engineer who invented the
Steam Engine.

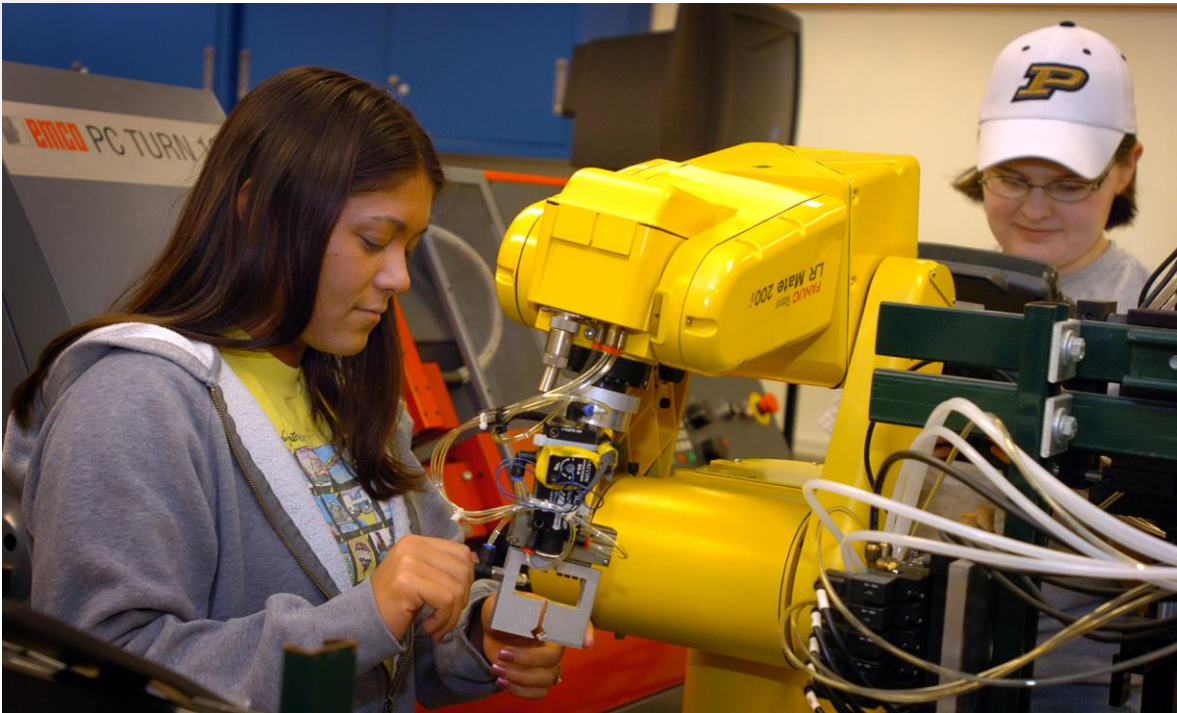
The next Tim Berners-Lee creator
of the **Internet**.



Or Stephanie Louise Kwolek
who discovered Kevlar, a
material containing fibres
stronger than steel.



Mechanical Engineering



YOU could be using, Robotics, Computer Control and CAD to assist in developing new machinery.

Improving the aerodynamics of Formula 1 or family cars.





Or creating new forms of transportation.



YOU could be
manufacturing
Designer Clothes,
Shoes and Bags



- Assembling and testing home appliances.

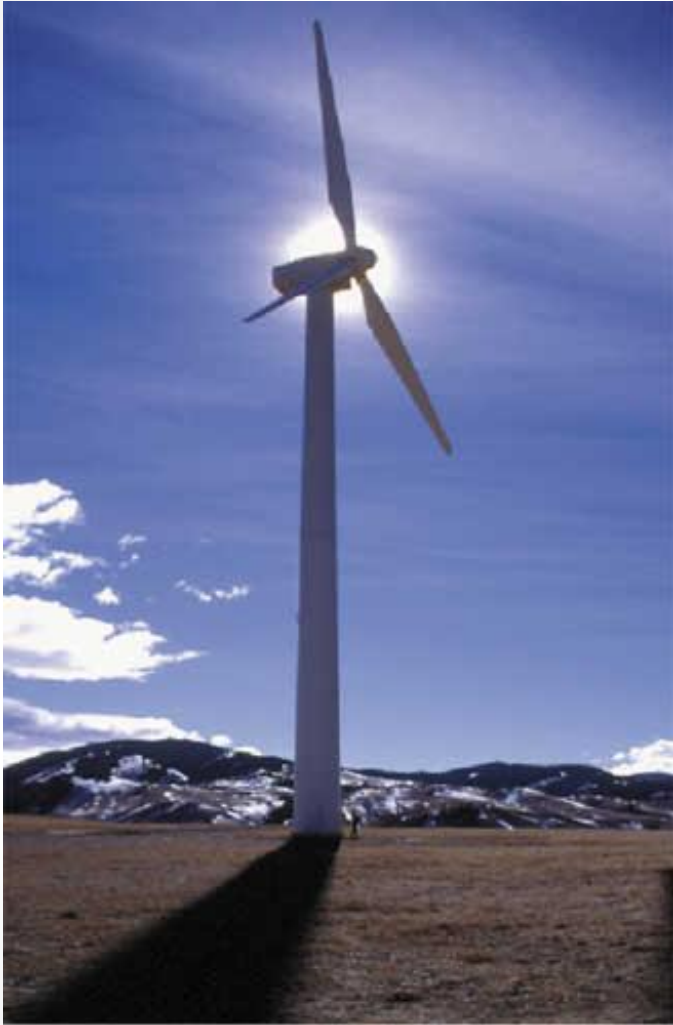


Or controlling production
in the food industry.





YOU could be at the cutting edge of technology. Using electronics to control machines and communications.



Creating
environmentally
friendly power
sources for our
future survival.



Or creating the
technology of the future.

civil

Engineering



YOU could be designing and constructing massive public works such as Dams and Bridges.

Building Super Structures such as the Sydney Opera House or Football Stadiums.



Or even tunnelling
underground.



Aeronautical Engineering



YOU could be researching, developing and testing new Aircraft and Engines

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Or assisting research for space missions.





YOU could be designing, making or maintaining products we use on a daily basis.

Ensuring the country runs on time.





Or ahead of the times.



Add comfort and style
to our Homes.





Designing and constructing them.



Or designing sets for Theatre and Television productions.





YOU could be using Computer Software combining images, colour and text to produce graphics for a range of media.



Creating stunning Architectural Designs.



Composing graphics which provide us with valuable information.



Or designing packaging to impress the consumer.



- Aeronautical Engineer
- Agricultural or Horticultural Mechanic
- Aircraft Mechanic or Engineer
- Airline Pilot
- Architectural Technologist
- Auto-Electrician
- Automotive Engineer
- Automotive Engineering Technician
- Biomedical Engineer
- Biotechnologist
- Blacksmith
- Broadcasting Engineer
- Building Control Surveyor
- Building Services Engineer
- Building Technician
- Cabinet Maker
- CAD Technician
- Camera Operator
- Chemical Engineering Technician
- Civil Engineering Technician
- Computer Hardware Engineer
- Computer Hardware Engineer
- Computer Network Manager
- Construction Plant Mechanic
- Control and Instrument Engineer
- Dental Technician Derrick man or Woman
- Driller
- Electrical Engineer
- Electrical or Electronic Engineering Technician
- Engineering Craft Machinist
- Fabricator or Plater
- Facilities Manager
- Gas Engineer
- Gas Engineer
- Gas Service Engineer
- Industrial and Product Designer
- Lighting Technician
- Lightning Conductor Engineer
- Locksmith
- Manufacturing Systems Engineer
- Marine Engineer
- Materials Scientist
- Mechanical Engineer
- Mechanical Engineering Technician
- Medical Technical Officer
- Merchant Navy Engineering Officer

- Ames Taper
- Auto-Electrician
- Automotive Engineer
- Automotive Engineering Technician
- Building Services Engineer
- Building Technician
- Cabinet Maker
- Carpenter or Joiner
- Chemical Engineering Technician
- Chemical or Materials Engineer
- Clerk of Works
- Construction Plant Mechanic
- Control and Instrument Engineer
- Craft Designer or Worker
- Dental Technician
- Electrical Engineer
- Electrical or Electronic Engineering Technician
- Electrician
- Electricity Distribution Worker
- Engineering Machine Operator
- Fabricator or Plater
- Farrier
- Furniture Designer
- Gas Engineer

- Industrial and Product Designer
- Landscape Designer
- Lighting Technician
- Locksmith
- Marine Engineer
- Mechanical Engineering Technician
- Merchant Navy Engineering Officer
- Model Maker
- Motorcycle Mechanic
- Musical Instrument Technologist
- Nuclear Engineer
- Plumber
- Production or Installation Fitter
- Railway Engineer (Train Maintenance)
- Railway Technician (Telecom and Signalling)
- Roughneck
- Roustabout
- Security Alarm Fitter
- Service Mechanic or Engineer
- Set Crafts Person - Film and TV
- Set Designer
- Sheet Metal Worker
- Shipwright
- Special Effects Technician
- Stage Hand

- Naval Architect
- Nuclear Engineer
- Optical Technician
- Patent Agent
- Patent Examiner
- Production Controller or Manager
- Production or Installation Fitter
- Railway Engineer (Train Maintenance)
- Railway Technician (Telecom and Signalling)
- Sheet Metal Worker
- Shipwright
- Sound Technician
- Special Effects Technician
- Surveyor - Building
- Teacher - Secondary School - Technological Education
- Technical Writer
- Television Aerial Rigger
- Textile Technician
- Textile Technologist
- Tool pusher or Oil Rig Manager
- Tyre or Exhaust Fitter
- Vehicle Body Repairer
- Vehicle Parts Operative
- Vehicle Patrol Mechanic

- Vehicle Spray Painter
- Watch and Clock Repairer
- Welder
- Architectural Technologist
- Building Technician
- CAD Technician
- Cartographer
- Computer Games Designer
- Construction Manager or Site Manager
- Craft Designer or Worker
- Exhibition Designer
- Graphic Designer
- Illustrator
- Industrial and Product Designer
- Interior Designer
- Mechanical Engineering Technician
- Model Maker
- Originator
- Set Designer
- Sign writer
- Surveying Technician or Technical Surveyor
- Teacher - Secondary School - Art and Design
- Technical Illustrator
- Town Planning Technician
- Telecommunications Technician