

NTEK College Subjects per trade (page1)

<u>ELECTRICIAN</u>	N1	N2	N3
<u>Section 26 c</u>			
Mathematics	x	x	x
Engineering Science	x	x	x
Electrical Trade Theory	x	x	x
Industrial Electronics or	x	x	x
Engineering Drawing or	x	x	x
Supervision			x
<u>3 Years + Experience</u>			
Electro technology		x	

<u>MILLWRIGHT</u>	N1	N2	N3
<u>Section 26 c</u>			
Mathematics	x	x	x
Engineering Science	x	x	x
Electrical Trade Theory	x	x	x
Fitting & Machining	x		
Engineering Drawing or	x	x	x
Mechano Technology			x
<u>3 Years + Experience</u>			
Electrical Trade Theory		x	

<u>FITTER AND TURNER</u>	N1	N2	N3
Mathematics	x	x	x
Engineering Science	x	x	x
Fitting & Machining	x	x	
Mechano Technology or			x
Engineering Drawing	x	x	x
Supervision			x
<u>3 Years + Experience</u>			
Fitting and Machining		x	

<u>PLUMBER</u>	N1	N2	N3
Mathematics	x	x	x
Engineering Science	x	x	x
Plumbing Theory	x	x	
Build Drawing	x	x	x
Supervision			x
Building Technology			x
<u>3 Years + Experience</u>			
Plumbing Theory		x	

<u>MOTOR & DIESEL MECHANIC</u>	N1	N2	N3
Mathematics	x	x	x
Engineering Science	x	x	x
Motor trade theory	x	x	x
Metal work theory	x		
Diesel trade theory or		x	x
Supervision			x
<u>3 Years + Experience</u>			
Motor or Diesel trade theory		x	

<u>BOILERMAKER (WELDER)</u>	N1	N2	N3
Mathematics	x	x	x
Engineering Science	x	x	x
Welders Theory		x	
Metal work theory	x		
Platers theory or		x	x
Platers Drawing	x	x	x
<u>3 Years + Experience</u>			
Welders or Platers theory		x	

NTEK College Subjects per trade (page2)

<u>CARPENTER</u>	N1	N2	N3
<u>Section 26 c</u>			
Mathematics	x	x	x
Building Science	x	x	x
Woodworkers Theory	x		
Carpentry & Roofing		x	
Building Drawings	x	x	x
Build & Civil Technology			x
<u>3 Years + Experience</u>			
Carpentry & Roofing		x	

<u>BUILDING (CIVIL)</u>	N1	N2	N3
<u>Section 26 c</u>			
Mathematics	x	x	x
Building Science	x	x	x
Brick & Plaster Theory	x	x	
Building Drawing	x	x	x
Build & Civil Technology			x
Supervision			x
<u>3 Years + Experience</u>			
Brick & Plaster Theory		x	

<u>AIRCRAFT MECHANIC</u>	N1	N2	N3
Mathematics	x	x	x
Engineering Science	x	x	x
Aircraft Maint Theory	x	x	x
Motor Trade Theory or	x	x	x
Engineering Drawing	x	x	x
Aircraft Metal Work Theory		x	x
<u>3 Years + Experience</u>			
Aircraft Maint or Metal work		x	

<u>RIGGER</u>	N1	N2	N3
Mathematics	x	x	x
Engineering Science	x	x	x
Rigging Theory	x	x	
Engineering Drawing or	x	x	x
Mechano Technology			x
Supervision			x
<u>3 Years + Experience</u>			
Rigging Theory		x	

<u>RADIO & TELEVISION MECHANIC</u>	N1	N2	N3
Mathematics	x	x	x
Engineering Science	x	x	x
Radio & TV Theory	x	x	x
Industrial Electronics or	x	x	x
Logic Systems		x	x
Supervision			x
<u>3 Years + Experience</u>			
Radio and Television Theory		x	

<u>REFRIGERATION MECHANIC</u>	N1	N2	N3
Mathematics	x	x	x
Engineering Science	x	x	x
Refrigeration Theory	x	x	x
Electrical Trade Theory	x	x	x
Supervision			x
<u>3 Years + Experience</u>			
Welders or Platers theory		x	

NTEK College Subjects per trade (Page 3)

<u>CERTIFICATE OF COMPETENCY</u>	N4	N5	N6
<u>ELECTRICAL, ELECTRONIC, INSTRUMENTATION FIELD</u>			
Communication Electronics	x	x	x
Computer Principles	x	x	x
Electronics	x	x	x
Industrial Affairs	x	x	x
Industrial Electronics	x	x	x
Industrial Instruments	x	x	x
Mathematics	x	x	x
Supervisory Management	x	x	x

<u>CERTIFICATE OF COMPETENCY</u>	N4	N5	N6
<u>MECHANICAL FIELD</u>			
Engineering Physics		x	x
Engineering Science	x		
Fluid Mechanics		x	x
Industrial affairs	x	x	
Mathematics	x	x	x
Mechanical Drawing & Design	x		
Mechanotechnics	x	x	x
Power Machines		x	x
Strengths of Materials & Structures		x	x
Supervision Management	x	x	x

<u>CERTIFICATE OF COMPETENCY</u>	N3	N4	N5	N6
<u>ELECTRICAL FIELD</u>				
Control Systems				x
Electrotechnics		x	x	x
Electro technology	x			
Engineering Drawing	x			
Engineering Science	x	x		
Fluid Mechanics			x	x
Industrial Electronics		x	x	x
Mathematics	x	x		
Mechanotechnics		x	x	x
Strengths of Materials & Structures			x	
Supervisory Management		x	x	x

<u>CERTIFICATE OF COMPETENCY</u>	N3	N4	N5	N6
<u>MECHANICAL FIELD</u>				
Control Systems				x
Electrotechnics		x	x	
Engineering Drawing	x			
Engineering Science	x	x		
Fluid Mechanics			x	x
Industrial Electronics		x		
Mathematics	x	x		
Mechanotechnics	x			
Power Machines			x	x
Strengths of Materials & Structures			x	x
Supervisory Management		x	x	x