

## Electrotechnology Qualifications

### Advanced Diploma - Instrumentation and Control Engineering (UTE 6 04 99)

Modules				Core Units			Optional Units		
				NES304D	NES406D	NES504D	NES602D	NES603D	NES702D
Nat. Code	Title		Dur						
EA912	Single Chip Microcontrollers	C	1	1	1	1			
EA919	Control/Electrical Calculations 2	R	1	1	1	1			
EA928	Advanced Telemetry	C	1	1	1	1			
EB160	PLC Systems Applications	C	1.5	1.5	1.5	1.5			
EB900	Control Systems Project	C	2	2	2	2			
EB902	Compensation (Turning) Techniques	C	1	1	1	1			
EB909	Dynamic Systems Engineering	C	1	1	1	1			
EB915	Transform Techniques	C	1	1	1	1			
EB916	Control/Electrical Calculations 3	R	1	1	1	1			
EB923	Digital Control	C	1	1	1	1			
EB925	Process Data Acquisition Systems	C	1	1	1	1			
EB926	Advance Control Using "C"	C	1	1	1	1			
EB070	Engineering Management	C	1	1	1	1			
EA921	Sensors for Machinery & Product Monitoring	C	0.5	0.5	0.5	0.5			
NEWP304D	Undertake Commissioning Of Advanced Systems & Associated Apparatus ( <i>Instrumentation</i> ) WP	N	~	WP					
NEWP406D	Develop Complex Testing and Evaluation Procedures ( <i>Instrumentation</i> ) WP	N	~		WP				
NEWP504D	Diagnose & Rectify Faults in Advanced Systems & Associated Apparatus ( <i>Instrumentation</i> ) WP	N	~			WP			
NEWP602D	Develop Commissioning Programs for Apparatus & Associated Circuits ( <i>Instrumentation</i> ) WP	N	~				WP		
NEWP603D	Develop Maintenance Programs for Apparatus & Associated Circuits ( <i>Instrumentation</i> ) WP	N	~					WP	
NEWP702D	Design Electrical/Electronic Apparatus and Systems ( <i>Instrumentation</i> ) WP	N	~						WP

Please see page titled "Notes to Matricies"