

Contents

<i>List of Tables</i>	ix
<i>Preface</i>	xiii
1 ENGINEERS IN ADVANCED INDUSTRIAL SOCIETY	1
Engineers in Advanced Industrial Capitalism	1
The Sociology of Technical Workers	2
The Problematic of Engineers	11
2 INDUSTRY: OLD AND NEW	15
Research Design	15
Old and New Industrial Settings	16
Engineers at Work	26
Technical Work	37
3 KNOWLEDGE, TRUST AND LABOUR MARKETS	39
Professionalisation in Britain?	40
Engineers as Technical Staff	41
Theory and Practice	53
From Knowledge to Trust	58
4 THE ORGANISATION OF WORK	66
Specialisation and the Division of Labour	68
Autonomy or Deskilling?	70
The Organisation of work at Metalco and Computergraph	71
Organisational Design	81
Deskilling at Metalco?	83
Potential Sources of Deskilling	88
5 EXPERTS AND MANAGERS	92
Managers or Experts?	96
Equities	112
Labour Market Orientation	116

6	AUTHORITY, PROFIT AND PARTICIPATION	124
	Personal Authority	125
	Engineers and Business	131
	Managers and Markets	148
7	COLLECTIVE ORGANISATION	151
	Professionalism	152
	Trade Unionism	158
	Ambivalences	172
	The Growth of Technical Unionism	180
8	THE SOCIAL PRODUCTION OF TECHNICAL WORK	184
	The Social Production of Trusted Labour	185
	Production and Reproduction	191
	Engineers as Trusted Workers	194
	The Future of British Engineering	197
	<i>Appendix: The Interview Schedule</i>	200
	<i>Notes</i>	206
	<i>Bibliography</i>	220
	<i>Index</i>	230