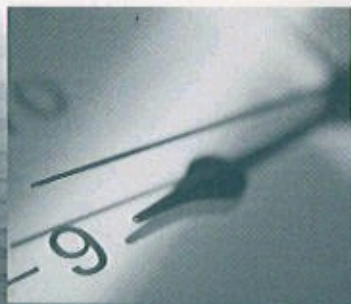


Study Guide
for
**ENGINEERING
ECONOMIC
ANALYSIS**

Ninth Edition



Donald G. Newnan • Ed Wheeler

Contents

Foreword	iv
Formulas	v
Course Summary	1
1 Making Economic Decisions	37
2 Engineering Costs and Cost Estimating	45
3 Interest and Equivalence	49
4 More Interest Formulas	53
5 Present Worth Analysis	71
6 Annual Cash Flow Analysis	95
7 Rate of Return Analysis	121
7A Difficulties Solving for an Interest Rate	131
8 Incremental Analysis	133
9 Other Analysis Techniques	137
10 Uncertainty in Future Events	161
11 Depreciation	169
12 Income Taxes	179
13 Replacement Analysis	199
14 Inflation and Price Change	209
15 Selection of a Minimum Attractive Rate of Return	225
16 Economic Analysis in the Public Sector	229
17 Rationing Capital Among Competing Projects	241
18 Accounting and Engineering Economy	245
Compound Interest Tables	251