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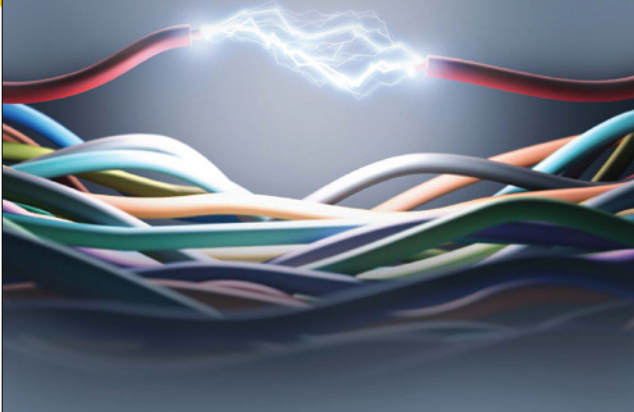


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7TH EDITION

 ELECTROTECHNOLOGY
SERIES

Electrical Principles for the Electrical Trades



 McGraw
Hill
Education

Jim Jenneson • Bob Harper • Bob Moore • Paul Lowe
Mark Hemmingsen • Terry Buckridge • John Dickie • Paul Frew

 McGraw
Hill
Education

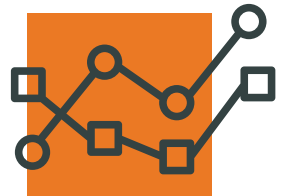
Mark Hemmingsen • Terry Buckridge • John Dickie • Paul Frew
Jim Jenneson • Bob Harper • Bob Moore • Paul Lowe



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Electrical Principles for the Electrical Trades (Blended Learning Package), 7e (2019)

Authors: Jim R. Jenneson, Bob Harper, Bob Moore, Paul Lowe, Mark Hemmingsen, Terry Buckridge, John Dickie and Paul Frew

This edition has been substantially revised and restructured to meet the needs of students and trade professionals in Electrotechnology. Each chapter is now comprehensively aligned to the knowledge and skills specified in the units of competency in national training packages for an electrical trade qualification. These units include:

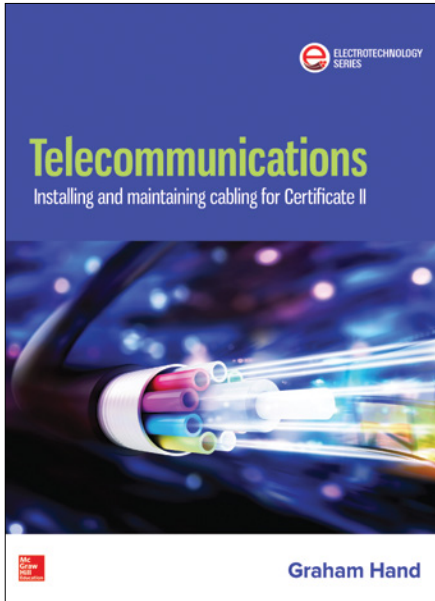
- UEENEEE104A Solve problems in DC circuits
- UEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEENEEK142A Apply environmentally and sustainable procedures in the energy sector
- UEENEEG102A Solve problems in low voltage AC circuits
- UEENEEG006A Solve problems in single and three phase low voltage machines
- UEENEEG109A Develop and connect electrical control circuits
- UEENEEG108A Trouble-shoot and repair faults in low voltage electrical apparatus and circuits
- UEENEEE141A Use of routine equipment/ plant/technologies in an energy sector environment

Employing full-colour diagrams and photographs to illustrate key concepts and topics, the new design supports practical and effective learning.

Key Features:

- New chapter on sustainable practices in the electrical trade
- Examples with worked solutions
- Improved chapter structure and layout to enhance readability and ease of use
- Full-colour illustrative material
- End-of-chapter summaries
- Detailed competency mapping demonstrates the complete coverage of knowledge evidence for both Certificate II in Electrotechnology, Career Start (UEE22011) and Certificate III in Electrotechnology Electrician (UEE30811) courses.

	AUD	NZD
Blended Learning Package (Print + Smartbook + Read AnyWhere eBook) 9781760423797	134.95	156.00
VitalSource eBook 9781760421052	79.95	84.00



Telecommunications: Installing and Maintaining Cabling (2018)

Author: Graham Hand

Carefully revised to address the latest amendments to the **AS/NZS 3000: 2018 Wiring Rules and Related Standards** as well as each of the essential capabilities (t-points) stipulated by the national training package.

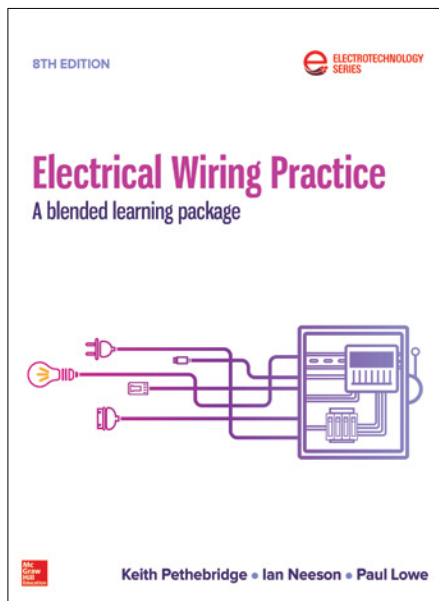
Telecommunications provides comprehensive coverage of the UEENE102A unit on installing and maintaining cabling to telecommunication services. This text represents an important component in national training packages for an electrical trade qualification and advanced trade competencies.

Written in clear and direct language for AQF Level 2, it supports student learning through numerous examples and diagrams. This product has been written primarily for students and teachers of electrical trades completing the Certificate III in Electrotechnology but is also helpful to trade professionals.



	AUD	NZD
Print 9781760420963	72.95	78.95
Print + Connect with eBook 9781760420987	119.95	132.00
eBook 9781760420994	44.95	47.95
Connect with eBook (SmartBook) 9781760421717	59.95	63.95

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Electrical Wiring Practice, (Blended Learning Package), 8e (2019)

Authors: Keith Pethebridge, Ian Neeson and Paul Lowe

Carefully revised to address the latest amendments to the **AS/NZS 3000: 2018 Wiring Rules and Related Standards** as well as each of the essential capabilities (t-points) stipulated by the national training package.

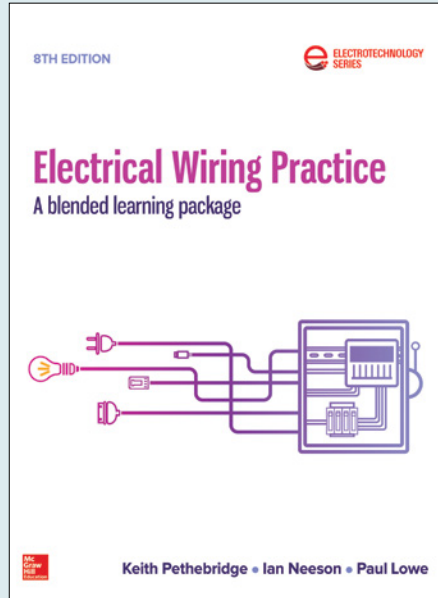
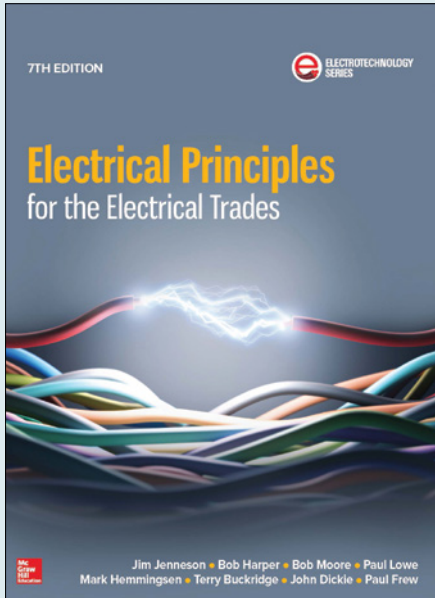
The resource is replete with new content on key, emerging technologies and practices to meet students' knowledge requirements. Written to AQF level 3, the 8th edition is now streamlined into a single volume that will be easier to use and more affordable for students.



	AUD	NZD
Blended Learning Package (Print + Smartbook + eBook) 9781743767160	154.95	179.00
Connect with eBook (SmartBook + eBook) 9781760421083	99.95	110.00
VitalSource eBook 9781760421090	89.95	99.95

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Together with *Electrical Principles* and the recently released *Telecommunications* textbook, *Electrical Wiring Practice* completes our comprehensive electrical resources suite – now available in value packs!



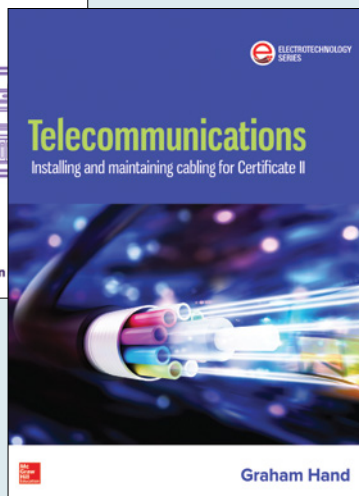
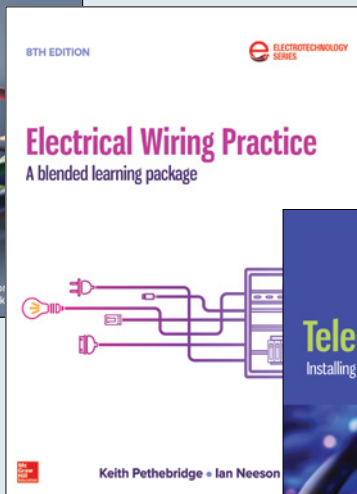
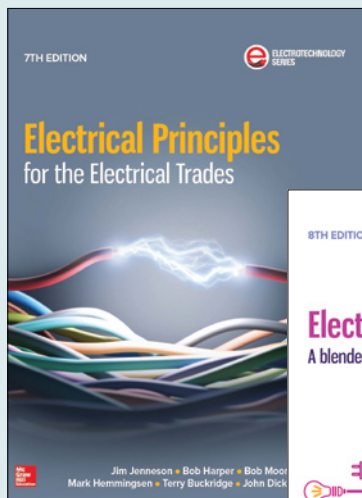
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Value Pack:

Electrical Principles, 7e + Electrical Wiring Practice, 8e

	AUD	NZD
Blended Learning Package (Print + Smartbook + eBook) 9781760421038	269.95	299.00

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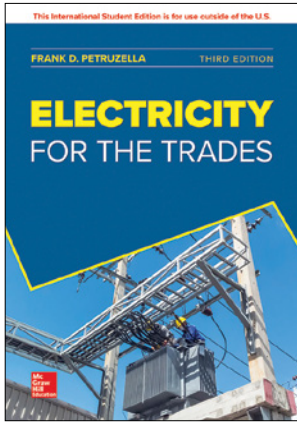
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Value Pack:

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	AUD	NZD
Blended Learning Package (Print + Smartbook + eBook) 9781743767344	319.95	349.00

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Electricity for the Trades ISE, 3e (2020)

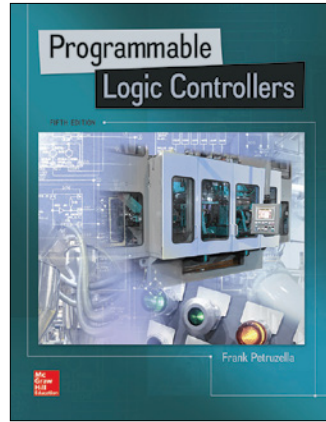
Author: Frank D. Petruzella

Electricity for the Trades sets a standard for textbooks on electrical training. This well-illustrated text provides an excellent foundation of electrical and electronic principles. It prepares students for a specialisation in the electrical trades or one of the many related trades that require a special understanding of electrical fundamentals.



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	AUD	NZD
Print 9781260547849	99.95	115.00



Programmable Logic Controllers, 5e (2017)

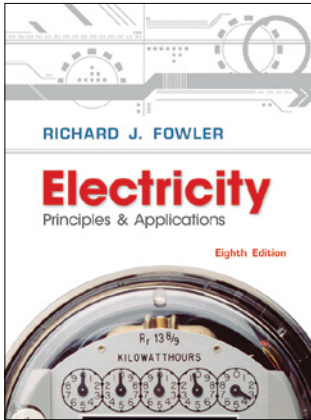
Author: Frank D. Petruzella

Programmable Logic Controllers provides an up-to-date introduction to all aspects of PLC programming, installation and maintaining procedures.



	AUD	NZD
Print 9780073373843	169.95	200.00
Activities Manual 9781259682476	102.95	112.00
LogixPro PLC Lab Manual 9781259680847	157.95	173.00

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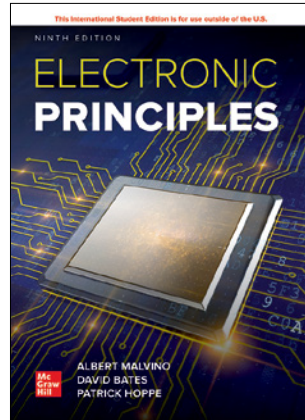


Electricity: Principles & Applications with Student Data CD, 8e (2013)

Author: Richard J. Fowler

Written for readers with no prior knowledge of electrical theory and principles, it allows students with limited math and reading skills to gain a clear understanding of electricity and electrical devices.

	AUD	NZD
Print		
9780077567620	217.95	229.00



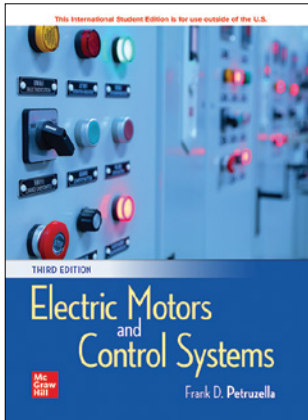
Electronic Principles, 9e (2021)

Authors: Albert Paul Malvino, David J. Bates and Patrick E. Hoppe

This edition offers students a definitive overview of electronic circuits and devices. The streamlined design is full-colour throughout and greater emphasis on modern integrated circuit (IC) technology has been incorporated. The revision of chapter problems and review questions refresh this text while retaining its proven approach.

	AUD	NZD
Print		
9781260570564	149.95	169.00

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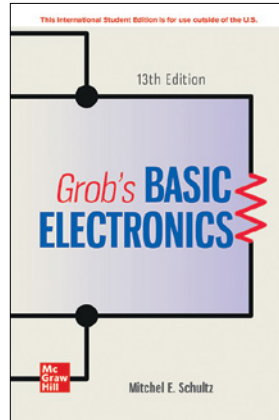


Electric Motors and Control Systems, 3e (2020)

Author: Frank D. Petruzella

Introduces the reader to a broad range of motor types and control systems and provides an overview of electric motor operation, selection, installation, control and maintenance. It includes coverage of how motors operate in conjunction with their associated control circuitry. The broad-based approach taken makes this text viable for a variety of motors and control systems courses.

	AUD	NZD
Print		
9781260570144	149.95	170.00
Activities Manual		
9781259332838	114.95	128.00



Grob's Basic Electronics, 13e (2021)

Author: Mitchel E. Schultz

Written for beginners, the focus on essential knowledge and real-world applications of basic concepts makes it ideal for technology students. It focuses on the development of testing and troubleshooting skills and combines clear, carefully-laid-out explanations of key topics with worked-out examples and additional problems.



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	AUD	NZD
Print		
9781260571448	149.95	170.00
Experiments Manual		
9781259190407	129.95	143.00
Problems Manual		
9781260445381	119.95	132.00



Fundamentals of Industrial Instrumentation and Process Control, 2e (2019)

Author: William C. Dunn

A fully updated, practical guide to Automated Process Control and Measurement Systems.

Offering students a solid grounding in process control principles with real-world applications from the factory floor, this text features realistic problems and detailed illustrations. Students get clear explanations of digital and analogue components, including pneumatics, actuators and regulators, as well as comprehensive discussions on the entire range of industrial processes.

	AUD	NZD
Print		
9781260122251	132.95	145.00

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