

Award courses and book chapters



Undergraduate and postgraduate-level courses presented by the business or engineering faculties of universities may provide an overview of supply chains and logistics as a core or elective subject. This book provides a framework within which the subject content can be learned.

At the vocational level, information regarding industry trends, workforce development and changes to qualifications and units of competency can be accessed via the Industry Skills Council website at www.isc.org.au. For qualifications and units relevant to business, access the Innovation and Business Industry Skills Council (IBSA) at www.ibsa.org.au.

Qualifications and the units available which address operational logistics for the commercial and military sectors are prescribed by the Transport & Logistics Industry Skills Council (TLISC) in Australia at www.tlisc.com.au.

For industry and logistics service providers (LSP):

- Diploma of Logistics

For the military and service companies engaged in the re-supply of continuing operations:

- Diploma of Deployment Logistics
- Advanced Diploma of Deployment Logistics

For whole-of-life support for military capability platforms, including ships, aircraft and tanks, from acquisition to decommissioning:

- Diploma of Matériel Logistics
- Advanced Diploma of Matériel Logistics

This book provides a framework for the Diploma of Logistics and the Diploma of Deployment Logistics, within which the study of individual units is undertaken with the assistance of unit learner guides. The units that link to the chapters in this book are listed in the table below.

Chapter number	Chapter title	Unit number	Unit title
Part 1 Logistics and supply chains			
Chapter 1	<i>The enterprise, its logistics and supply chains</i>	TLIL5507A TLIL5055A BSBPUR504A BSBPUR504B	Manage a supply chain
		BSBMKG405A BSBMKG514A	Implement and monitor marketing activities
		TLIXXX01	Monitor supply chain operations
		TLIX4028A	Apply knowledge of logistics
Chapter 2	<i>Business planning, risk and sustainability</i>	BSBMGT601A	Contribute to strategic direction
		BSBMGT616A	Develop and implement strategic plans
		TLIP607P TLIP5006A	Establish international distribution networks
		BSBMGT609A PSPMNGT608B BSBRK501A	Manage risk
		BSBSUS501A TLIU4010A	Develop workplace policies and procedures for sustainability
		TLIU607B TLIU5006A	Conduct environmental audits
Chapter 3	<i>Logistics in practice</i>	BSBMGT601A	Contribute to strategic direction
		BSBMGT602A	Contribute to the development and implementation of strategic plans
		MCMT481A	Undertake proactive maintenance analyses
		TLIB1007C TLIB5010A	Plan and implement maintenance schedules

Chapter number	Chapter title	Unit number	Unit title
		TLILOGXXX15	Plan maintenance for deployed operations
		TLILOGXXX01	Plan logistic support for deployed operations
		TLILOGXXX10	Plan deployed logistics support for significant operations
		TLIX4028A	Apply knowledge of logistics
Chapter 4	Supply chains in the Asia–Pacific region	BSBMGT601A	Contribute to strategic direction
		BSBMGT602A	Contribute to the development and implementation of strategic plans
		BSBMGT609A PSPMNGT608B BSBR501A	Manage risk
Part 2 Logistics operations			
Chapter 5	The role of logistics service providers (LSP) in supply networks	TLIL2007C TLIL5020A	Develop and maintain operational procedures for a transport and logistics enterprise
		TLIP407C	Develop a transport and distribution business plan
		TLIP5004A	Develop a transport and logistics business plan
		TLIP1107C	Develop and evaluate strategies for a transport and distribution enterprise
		TLIP5011A	Develop and evaluate strategies for a transport and logistics enterprise
		TLIL5707A TLIL5057A	Maintain, monitor and improve transport operations systems
		TLIP807C	Manage a transport and distribution business unit
		TLIL5057A	Manage a transport and logistics business unit
		TLIXXX04	Work effectively in the transport and logistics industry
Chapter 6	International trade logistics	TLIA3507B TLIA5035A	Manage international freight transfer
		TLIL2607B TLIL5026A	Manage export logistics
		TLIO1807A TLIO5018A	Manage compliance with customs and excise
Chapter 7	Transport within logistics	TLIL1907C TLIL5019A	Implement and monitor transport logistics
		TLIL2007C TLIL5020A	Develop and maintain operational procedures for a transport and logistics enterprise
		TLIO607D TLIO5006A	Plan and manage security procedures for transferring and transporting dangerous goods
		TLIXXX02	Monitor transport operations
		TLILOGXXX06	Organise road transport operations
Chapter 8	Storage and distribution operations	TLIA5807A TLIA5058A	Manage facility and inventory requirements
		TLIA2907D TLIA5029A	Plan and manage storage of dangerous goods and hazardous substances
		TLIO507C TLIO5005A	Plan and manage security procedures for the enterprise
		TLIO1707A TLIO5017A	Manage security of storage facilities
		TLILOGXXX14	Plan distribution operations on deployment
Part 3 Integrating demand and supply			
Chapter 9	Building external relationships	TLII1807B TLII5018A	Manage customer service

Chapter number	Chapter title	Unit number	Unit title
		TLIR1407A TLIR5014A	Manage suppliers
		BSBPUR502A	Manage supplier relationships
Chapter 10	<i>Inventory—balancing demand and supply</i>	MEM11015B	Manage warehouse inventory system
Chapter 11	<i>Planning and scheduling the enterprise</i>	BSBFLM505B	Manage operational plan
Chapter 12	<i>Procurement</i>	TLIR607A TLIR5006A BSBPUR501A	Develop, implement and review purchasing strategies
		TLIR307C TLIR4003A	Negotiate a contract
		TLIR507A TLIR5005A	Manage a contract
		TLIR707A TLIR5007A	Manage international purchasing
		TLIX5040A	Manage contracted support services
Part 4 Measurement and management of logistics			
Chapter 13	<i>Accounting and logistics</i>	TLIQ207C TLIP5025A	Set and achieve a budget
		BSBSBM406A	Manage finances
		BSBMGT503A	Prepare budgets and financial plans
		TLIQ1407A TLIP5035A	Manage budgets and financial plans
		TLIQ1507A TLIP5036A	Manage assets
Chapter 14	<i>Technology and communications as enablers</i>	BSBEBUS605A	Identify and implement eBusiness innovation
		BSBEBUS601A	Develop an eBusiness strategy
		TLIK607C TLIK5006A	Evaluate software requirements and hardware enhancements
		TLIX5036A	Manage and monitor technical data and information systems
Chapter 15	<i>Improving logistics</i>	BSBCMN419A BSBPMG510A	Manage projects
		BSBFLM509B BSBMGT516A	Facilitate continuous improvement
		TLIJ707C TLIJ5007A	Conduct internal quality audits
Chapter 16	<i>Managing logistics operations</i>	BSBMGT505A BSBOHS509A	Ensure a safe workplace
		BSBMGT502A	Manage people performance
		BSBFLM514A	Manage people
		PSPGOV518A	Benchmark performance
		BSBMGT506A	Recruit, select and induct staff
		BSBHRM402A	Recruit and select personnel
		BSBMGT605A BSBMGT605B	Provide leadership across the organisation
		TLIF2007B TLIF5020A	Manage emergencies
	TLIF6407A TLIF4064A	Manage fatigue management policy and procedures	