

Title:	Mobile Crane Operations, Level 1
Edition:	3
Publication Date:	2018
Additional Instructor Requirement(s):	None
Prerequisite(s):	Core
Previous Edition Expiration Date:	www.nccer.org/expirations



Book Module Number	Module Name	2 nd Edition Mod ID #	3 rd Edition Mod ID #	3 rd Edition Hours	2 nd Edition Hours	Equivalent Registry Module(s)	Performance Profile	Comments
---	---	---	---	72.5	72.5	---	---	• Core, 5 th edition
1	Orientation to the Trade	21101-04	21101	5	5	21101-04	No	
2	Basic Principles of Cranes	21102-04	21102	15	15	21102-04	Yes	
3	Rigging Practices	21103-04	38102	15	15	21103-04 38102-11	Yes	• Coverage of everything from Rigging Practices in MCO 2nd Edition and Basic Rigging mod 38102-11
4	Crane Communications	---	53101	10	10	53101-11	Yes	• NEW MODULE. From Signal Person curriculum • New title; Formerly called <i>Communication</i> • Moved to level 1 to replace former 21201-04 Communication module
5	Crane Safety and Emergency Procedures	---	21106	25	---	---	No	• NEW MODULE. • Combined Crane Safety module 21104-04 with Emergency Procedures module 21307-05 • Completion of the course through this module results in a Basic Rigger and Signal Person credential
6	Operating a Crane	21105-04	21105	25	25	21105-04	Yes	
Deleted	Crane Safety	21104-04	---	---	15			
			Total Hours	167.5	70			

Definitions:

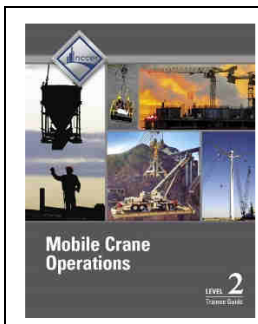
Lock-Down Module: A module adopted “as-is” from another craft or an earlier edition of the same curriculum.

Equivalent Module: A module whose learning and performance outcomes match those of the newer editions and is therefore considered ‘equivalent’ in NCCER’s Registry.

Interim Credential: A module, or group of modules, whose learning and performance outcomes demonstrates competence of specific components in an occupational area and results in a unique credential in the Registry.

Color Highlight Legend:

- = No Performance Test
- = Lock-Down Module
- = Equivalent Module
- = Deleted



Title:	Mobile Crane Operations, Level 2
Edition:	3
Publication Date:	2018
Additional Instructor Requirement(s):	None
Prerequisite(s):	None
Previous Edition Expiration Date:	www.nccer.org/expirations



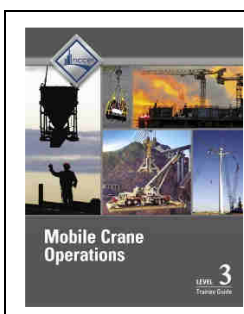
Book Module Number	Module Name	2 nd Edition Mod ID #	3 rd Edition Mod ID #	3 rd Edition Hours	2 nd Edition Hours	Equivalent Registry Module(s)	Performance Profile	Comments	
1	Machine Power Flow	21202-04	21202	15	20	21202-04	Yes		
2	Computer Aids/Operator Aids	21205-04	21205	20	30	21205-04	Yes		
3	Wire Rope	21204-04	21204	25	25	21204-04	Yes		
4	Mobile Crane Maintenance and Inspections	21203-04	21203	25	25	21203-04	Yes	• New module title; Formerly called <i>Preventive Maintenance</i>	
5	Load Dynamics	21206-04	21206	17.5	15	21206-04	No	• Hours changed per SME suggestion	
6	Transporting Requirements	21308-05	21308	17.5	10	21308-05	Yes	• Moved from Level 3 • New Performance Tasks	
7	On-Site Equipment Movement	21207-04	21207	25	25	21207-04	Yes		
Deleted	Communication	21201-04	---	---	10		---	• Replaced by Signal Person Crane Communication module 53101; moved to Level 1	
				Total Hours	145	145			

Definitions:

- Lock-Down Module:** A module adopted “as-is” from another craft or an earlier edition of the same curriculum.
- Equivalent Module:** A module whose learning and performance outcomes match those of the newer editions and is therefore considered ‘equivalent’ in NCCER’s Registry.
- Interim Credential:** A module, or group of modules, whose learning and performance outcomes demonstrates competence of specific components in an occupational area and results in a unique credential in the Registry.

Color Highlight Legend:

- = No Performance Test
- = Lock-Down Module
- = Equivalent Module
- = Deleted



Title:	Mobile Crane Operations, Level 3
Edition:	3
Publication Date:	2018
Additional Instructor Requirement(s):	None
Prerequisite(s):	None
Previous Edition Expiration Date:	www.nccer.org/expirations



Book Module Number	Module Name	2 nd Edition Mod ID #	3 rd Edition Mod ID #	3 rd Edition Hours	2 nd Edition Hours	Equivalent Registry Module(s)	Performance Profile	Comments	
1	Load Charts	21301-05	21301	35	25	21301-05	Yes	• Increased number of study/practice questions	
2	Lift Planning	21304-05	21304	30	20	21304-05	Yes	• added ASME P30.1	
3	Telescopic Boom Attachment Setup and Assembly	21302-05	21302	20	20	21302-05	Yes	• New title; Formerly called <i>Telescopic Boom Attachment Assembly and Disassembly</i>	
4	Lattice Boom Assembly and Disassembly	21306-05	21306	20	25	21306-05	Yes		
5	Hoisting Personnel	21305-05	21305	20	20	21305-05	Yes		
6	Advanced Operational Techniques	21303-05	21303	20	20	21303-05	Yes		
Deleted	Emergency Procedures	21307-05	---	---	10			• Combined with Crane Safety; now in Level 1 module 21106-17	
				Total Hours	145	140			

Definitions:

- Lock-Down Module:** A module adopted “as-is” from another craft or an earlier edition of the same curriculum.
- Equivalent Module:** A module whose learning and performance outcomes match those of the newer editions and is therefore considered ‘equivalent’ in NCCER’s Registry.
- Interim Credential:** A module, or group of modules, whose learning and performance outcomes demonstrates competence of specific components in an occupational area and results in a unique credential in the Registry.

Color Highlight Legend:

- = No Performance Test
- = Lock-Down Module
- = Equivalent Module
- = Deleted