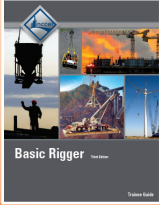


Rigger/Signal Person

BASIC RIGGER



COMING SOON!

Curriculum Notes

- 127.5 Hours (Includes 72.5 hours of Core Curriculum, which is a prerequisite for Level 1 completion and must be purchased separately. See p. 14 for ordering information.)
- Revised: 2018, Third Edition
- Downloadable instructor resources that include module tests, PowerPoints®, and performance profile sheets are available at www.nccer.org/irc.
- A Spanish translation of Rigging Fundamentals is available. Please see NCCER's online catalog for more information.

PAPERBACK

ISBN

Trainee Guide: \$49

978-0-13-518508-7

Instructor's Guide: \$49

978-0-13-489806-3

The following are modules for **Basic Rigger, 3rd Edition** coming in Spring 2018. Ordering information for the second edition is available on www.nccer.org/bookstore.

MODULES

All of the modules listed below are included in the Trainee Guide and the Instructor's Guide. The following ISBN and pricing information is for ordering individual modules only.

Rigging Practices (15 Hours)

Trainee \$20 ISBN 978-0-13-498801-6
Instructor \$20 ISBN 978-0-13-498802-3

(Module ID 38102-18) Describes basic rigging and safety practices related to rigging activities. Describes the use and inspection of equipment and hardware used in rigging. Explains how to apply common hitches. Covers jacks and hoisting equipment.

Crane Safety and Emergency Procedures

(25 Hours)

(Module ID 21106-18; from *Mobile Crane Operations Level One*)

Trainee \$20 ISBN 978-0-13-498819-1
Instructor \$20 ISBN 978-0-13-498818-4

Basic Principles of Cranes (15 Hours)

(Module ID 21102-18; from *Mobile Crane Operations Level One*)

Trainee \$20 ISBN 978-0-13-498816-0
Instructor \$20 ISBN 978-0-13-498815-3

Crane Communications (10 Hours)

Trainee \$20 ISBN 978-0-13-498800-9
Instructor \$20 ISBN 978-0-13-498814-6

(Module ID 53101-18) Describes the communication process between the signal person and the crane operator. Covers electronic communications as well as the standard hand signals in 29 CFR 1926.

INTERMEDIATE RIGGER

Curriculum Notes COMING SOON!

- 105 Hours
- Published: Revised: 2018, Third Edition
- Downloadable instructor resources that include module tests, PowerPoints®, and performance profile sheets are available at www.nccer.org/irc.

PAPERBACK

ISBN

Trainee Guide: \$49

978-0-13-518320-5

Instructor's Guide: \$49

978-0-13-518709-8

The following are modules for **Intermediate Rigger, 3rd Edition** coming in Spring 2018. Ordering information for the second edition is available on www.nccer.org/bookstore.

MODULES

All of the modules listed below are included in the Trainee Guide and the Instructor's Guide. The following ISBN and pricing information is for ordering individual modules only.

Intermediate Rigging (17.5 Hours)

Trainee \$20 ISBN 978-0-13-498820-7
Instructor \$20 ISBN 978-0-13-498821-4

(Module ID 38201-18) Describes basic procedures for using various slings in hitches and calculating sling stress. Introduces tools and equipment used for the lateral movement of loads without a crane. Trainees learn how to reeve block and tackle, invert loads with hoists, and drift a load between two hoists.

Load Dynamics (17.5 Hours)

(Module ID 21206-18; from *Mobile Crane Operations Level Two*)

Trainee \$20 ISBN 978-0-13-498789-7
Instructor \$20 ISBN 978-0-13-498791-0

Wire Rope (25 Hours)

(Module ID 21204-18; from *Mobile Crane Operations Level Two*)

Trainee \$20 ISBN 978-0-13-498794-1
Instructor \$20 ISBN 978-0-13-498795-8

Telescopic Boom Attachment Setup and

Assembly (20 Hours)

(Module ID 21302-18; from *Mobile Crane Operations Level Three*)

Trainee \$20 ISBN 978-0-13-518668-8
Instructor \$20 ISBN 978-0-13-518593-3

Lattice Boom Assembly and Disassembly

(25 Hours) (Module ID 21306-18; from *Mobile Crane Operations Level Three*)

Trainee \$20 ISBN 978-0-13-518670-1
Instructor \$20 ISBN 978-0-13-518669-5

ADVANCED RIGGER

Curriculum Notes COMING SOON!

- 85 Hours
- Revised: 2018, Third Edition
- Downloadable instructor resources that include module tests, PowerPoints®, and performance profile sheets are available at www.nccer.org/irc.

PAPERBACK

ISBN

Trainee Guide: \$49

978-0-13-518321-2

Instructor's Guide: \$49

978-0-13-518714-2

The following are modules for **Advanced Rigger, 3rd Edition** coming in Spring 2018. Ordering information for the second edition is available on www.nccer.org/bookstore.

MODULES

All of the modules listed below are included in the Trainee Guide and the Instructor's Guide. The following ISBN and pricing information is for ordering individual modules only.

Advanced Rigging (20 Hours)

Trainee \$20 ISBN 978-0-13-518807-1
Instructor \$20 ISBN 978-0-13-518808-8

(Module ID 38301-18) Explains how load weight and center of gravity affect lifting and crane stability. Load calculations for multi-crane lifts are presented, along with the application of equalizer beams. The movement of loads up an inclined plane and the line pull required are examined in detail. The module concludes with guidance in the rigging and handling of rebar bundles.

Load Charts (35 Hours)

(Module ID 21301-18; from *Mobile Crane Operations Level Three*)

Trainee \$20 ISBN 978-0-13-518590-2
Instructor \$20 ISBN 978-0-13-518589-6

Lift Planning (20 Hours)

(Module ID 21304-18; from *Mobile Crane Operations Level 3*)

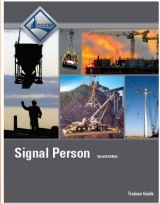
Trainee \$20 ISBN 978-0-13-518591-9
Instructor \$20 ISBN 978-0-13-518592-6

Hoisting Personnel (20 Hours)

(Module ID 21305-18; from *Mobile Crane Operations Level Three*)

Trainee \$20 ISBN 978-0-13-518673-2
Instructor \$20 ISBN 978-0-13-518672-5

SIGNAL PERSON



COMING SOON!

Curriculum Notes

- 50 Hours
- Revised: 2018, Second Edition
- Downloadable instructor resources that include module tests, PowerPoints®, and performance profile sheets are available at www.nccer.org/irc.

PAPERBACK

ISBN

Trainee Guide: \$49

978-0-13-518800-2

Instructor's Guide: \$49

978-0-13-515920-0

The following are modules for **Signal Person, 2nd Edition** coming in Spring 2018. Ordering information for the first edition is available on www.nccer.org/bookstore.

MODULES

All of the modules listed below are included in the Trainee Guide and the Instructor's Guide. The following ISBN and pricing information is for ordering individual modules only.

Crane Communications (10 Hours)

Trainee \$20

ISBN 978-0-13-498800-9

Instructor \$20

ISBN 978-0-13-498814-6

(Module ID 53101-18) Describes the communication process between the signal person and the crane operator. Covers electronic communications as well as the standard hand signals in 29 CFR 1926.

Basic Principles of Cranes (15 Hours)

(Module ID 21102-18; from *Mobile Crane Operations Level One*)

Trainee \$20

ISBN 978-0-13-498816-0

Instructor \$20

ISBN 978-0-13-498815-3

Crane Safety and Emergency Procedures

(25 Hours) (Module ID 21106-18; from *Mobile Crane Operations Level One*)

Trainee \$20

ISBN 978-0-13-498819-1

Instructor \$20

ISBN 978-0-13-498818-4

