



Ergonomic Evaluator Training



Who Should attend:

Safety & Health Professionals
 Physical Therapists
 Occupational Therapists
 Human Resource Professional
 Athletic Trainers
 Exercise Physiologists
 Allied Health Professionals

Contact Hours:

24 Hours

Tuition:

\$950.00

Education Level:

Introductory - Intermediate
 No pre-requisites required

Content Domain:

Evaluation

Course Instructors:

See reverse for instructors

Course Approval:



OccuCare Systems & Solutions
 3535 30th Ave, Suite LL1
 Kenosha, WI 53144
 866-47004440

www.occucare.net

Course Description

The industrial ergonomic evaluator training program is designed for professionals who are interested in implementing or expanding their knowledge in the field of ergonomics. Following the completion of this three day program you will be able to perform common upper extremity and low back industrial ergonomic evaluations. The course will discuss evidence based evaluations and consulting protocols based on current and proposed OSHA standards, NIOSH guidelines and published clinical literature. The course will provide detailed, hands-on instruction of commonly used screening and body-part specific ergonomic assessment tools designed to identify high risk activities, rank multiple jobs for the need for ergonomic revisions and provide direction for selection of ergonomic solutions. The second and third day of the course will consist of hands-on use of ergonomic assessment tools using videotaped tasks in various industries, cumulating in individual and group presentations and recommendations of a professional ergonomist.

Satisfactory course completion as an assessment of learned outcomes includes:

- Participation in the three days of training
- Performing various ergonomic evaluations
- Classroom presentation/critique of your ergonomic evaluations

Learning Outcomes

By the end of this training program learners will be able to:

- Understand and identify current ergonomic evaluation tools and protocols
- Differentiate common risk factors associated with upper extremity and low back injuries
- Increase awareness and understanding of scientific knowledge and current theories about low back pain and upper extremity disorders.
- Identify the benefits and importance of common ergonomic assessment tools
- Understand basic methods of identifying, selecting, and implementing ergonomic solutions
- Demonstrate the ability to use common ergonomic assessment tools in multiple industrial and manufacturing environments
- Demonstrate a general knowledge of ergonomic consulting including:
 - Introduction to Ergonomics
 - What are ergonomics and anthropometrics?
 - Review of books, periodicals, references and tools to be successful
 - Risk Factors
 - Physical, environmental, psychophysical and psychosocial and macro ergonomics
 - Upper Extremity Ergonomics
 - Overview of common disorders
 - Epidemiologic Studies
 - Upper Extremity Ergonomic Analysis Tools
 - How to prevent repetitive motion disorders
 - Low Back Ergonomics
 - Biomechanical foundation for low back pain
 - Low Back Pain Risk Factors
 - Low Back Pain Ergonomic Analysis Tools
 - How to prevent work related low back disorders

Course Instructors



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Jim Mecham, MS, OTR/L, AEP, CFCE

Jim has dedicated his career to developing comprehensive industrial rehab programming that returns an injured worker to work as soon as possible and providing organizations with injury cost reduction services that positively influence their bottom line. His background in Occupational Therapy and Industrial Engineering provides a perfect fit to prevent work related injuries through engineering controls and rehabilitate workers following an injury. Jim is a board certified ergonomist and has been awarded this certification through the Board of Certification in Professional Ergonomics. Jim's extensive experience in the field of industrial ergonomics includes providing consulting within manufacturing and office environments nationwide while developing and implementing comprehensive ergonomic initiatives for large and small employers. Jim has provided corporate healthcare professional ergonomic training throughout North America since 1998.



Joan Korpi, OTR/L, CEA

Joan incorporates a wide breadth of experience into her ergonomics and teaching practice through her diverse experience in industry, education, ergonomics and industrial rehab. This combination of experiences allows Joan to identify high risk activities within environments, rank and determine the level of risk involved with these activities, and provide detailed recommendations for the reduction or elimination of these risk factors. Joan's undergraduate and graduate studies at the University of Wisconsin – Milwaukee focused on occupational therapy and ergonomics within the industrial engineering department. Joan has worked extensively with Fortune 100/500 companies throughout the United States as well as being an adjunct professor at the University of Wisconsin – Milwaukee. She has participated in two large ergonomic grants funded by the Center for Disease Control, National Institute for Occupational Safety and Health, and the National Institute of Health. These grants focused on injury causation regarding the distal upper extremity and low back pain. Joan has presented on local, regional and national levels for industry, specialty groups, and at national conferences in relation to ergonomics and work. Joan is an advocate for evidence based teaching and continues to perform research in regards to ergonomic risk factors and their associated injuries.