

Work Measurement: Time and Motion Studies

Measure Performance. Eliminate Waste. Improve Productivity.

Understanding how work is performed is the first step toward improving it. Industry Extension Services helps manufacturers optimize productivity through professional Time & Motion Studies that identify inefficiencies, establish accurate work standards, and improve overall operational performance.

Our experts work alongside your team to observe, document, and analyze tasks in real operating environments using advanced video analysis software. By examining every movement, task, and process step, we identify non-value-added activities, unnecessary motion, bottlenecks, and opportunities to streamline operations.

The result is actionable, data-driven recommendations that improve efficiency, strengthen standard work, and support continuous improvement initiatives.

Transform Data Into Continuous Improvement

By combining proven work measurement techniques with expert analysis, Industry Extension Services helps organizations create more efficient, repeatable, and productive operations. Our objective assessments provide the insights needed to improve performance today while building a stronger foundation for future growth.

We Can Help.

- Advanced Manufacturing & Technology Deployment
- Business Growth, Innovation & Marketing
- Business & Operational Assessments
- Cybersecurity Strategies
- Defense Industry Initiatives
- Environment, Energy & Sustainability Services
- Evaluation Services & Resource Development
- Industrial & Systems Engineering
- Instructional Design
- Leadership & Organizational Development
- Management Systems & Quality
- Process Optimization & LEAN
- Project Management
- Southeastern OSHA Training Institute Education Center
- Supply Chain & Supplier Matching
- Workplace Health & Safety

Our Services Include:

- Time and motion studies
- Video-based work analysis
- Standard work development
- Process observation and documentation
- Workload balancing
- Task sequence optimization
- Labor and staffing analysis
- Cycle time measurement
- Workflow improvement recommendations
- Performance benchmarking

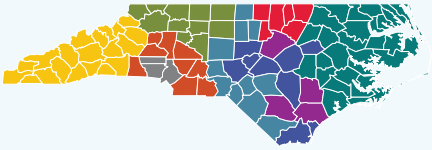
Benefits:

- Eliminate unnecessary motion, delays, and process inefficiencies
- Establish accurate time standards for planning and scheduling
- Improve productivity through balanced workloads and optimized task sequences
- Support the development of standard work instructions
- Reduce labor costs and improve resource utilization
- Enhance workplace safety by identifying repetitive or high-strain motions
- Strengthen Lean manufacturing and continuous improvement efforts
- Improve process visibility and data-driven decision-making
- Increase consistency, quality, and operational performance

Contact your Regional Manager today to schedule a Time & Motion Study and discover new opportunities to improve productivity and operational excellence.
ncstateies.com/RM

Connect With Your Regional Manager

ncstateies.com/RM



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NC STATE UNIVERSITY Industry Extension Services

We Can Help. **919.515.2358 | iesservices@ncsu.edu**

NC State University Industry Extension Services, established in 1955 as the outreach team for the NC State University College of Engineering, provides resources, tools and customized training programs to help businesses survive, thrive and grow.

ies.ncsu.edu **@NCStateIES**

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