

Director of Advanced Manufacturing

Success Profile

skill

CORE SKILLS

- 1. Active Learning
 - 2. Establishing Strategic Direction
 - 3. Technical Expertise: Automation, Digital Factor, Cyber Security
 - 4. Operational Decision Making
 - 5. Aligning Performance for Success

WHAT GREAT LOOKS LIKE

- Demonstrates consistent curiosity for innovation and continuous improvement with an emphasis on developing people and improving process
- Expansive knowledge across various disciplines to better integrate various components of the manufacturing process, and build a diverse team that supports it
- Ability to quickly learn and understand new technologies and processes, especially when learning outside of primary expertise
- Ability to think globally and implement or align strategies across a global team/organization. Innovates strategies for talent development and retention
- Considers the impact on various stakeholders, including employees, customers, shareholders, and the broader community in decision making

SELF ASSESSMENT

In your current role:



What is your level of proficiency in this skill?



How frequently do you demonstrate this skill?



How confident are you in your ability to apply this skill?

ON THE JOB DEVELOPMENT EXPERIENCES

- Multiple Cross-Functional Rotational Assignments -Operations, Quality, Op Excellence
- Project Management, Supply Chain, or other technical role
- Rotational assignment in new value stream, business unit, geographical location
- Collaborate/Implement development track for Technical Job families
- Mentor younger engineers with Readiness Assessments for each member of a team

AVAILABLE TRAINING

Creating a Culture of Continuous Improvement, 59 mins.

Building Your Innovation Skills, 1 hr.

Creating a Culture of Learning, 45 mins.

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WHAT GREAT LOOKS LIKE

- Manufacturing Strategy deployment for both current Engineering and Manufacturing, as well as, future, with objective, successful results
- Demonstrated ability to manage complex (multi-site, supplier, customer inclusion) projects with diverse resources and stakeholders
- Leads proactively continuous improvement and fosters a culture of innovation through project leadership which leads the organization
- Proven ability to work with suppliers and vendors with excellent relationship management and partnership
- Consistently and accurately identifies risks and opportunities. Proactively plans mitigating actions for risks and capitalizing actions for opportunities

SELF ASSESSMENT

In your current role:



What is your level of proficiency in this skill?



How frequently do you demonstrate this skill?



How confident are you in your ability to apply this skill?

ON THE JOB DEVELOPMENT EXPERIENCES

- Application of formal Project Management tools on multiple projects with results
- Lead a complex facilities, equipment, or automation project from concept to completion
- Exposure to and understanding of other Aerospace sites
- Exposure to code named projects which impact the future of Woodward
- Support R&D and Product Development by integrating Mfg. Technology Strategy

AVAILABLE TRAINING

<u>Developing Business</u> Partnerships, 54 mins.

Creating a Culture of Strategy Execution, 48 mins.

Six Steps to Strategic Leadership, 1 hr.

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WHAT GREAT LOOKS LIKE

- Demonstrated production efficiency through depth of knowledge in Automation and Digital Factory, with a curiosity for integrating digital information
- Advanced foundation in mechanical, materials, electrical, or industrial engineering to drive process improvement in various situations which prepares for automation
- Proven ability to identify and execute automation in high value situations where processes are stable and capable
- Demonstrated ability to manage across multiple sites and diverse functions without direct reporting authority reflecting ability to influence with credibility
- › Knowledge of Cyber Security Models (example: ISA95) and their application, to work with stakeholders for safe integration of digital assets into the enterprise

SELF ASSESSMENT

In your current role:



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How frequently do you demonstrate this skill?



How confident are you in your ability to apply this skill?

ON THE JOB DEVELOPMENT EXPERIENCES

- Successfully own/manage several Automation and Digital Manufacturing Projects
- Successfully manage project utilizing Third Party Integrators/Contractors
- Participate on the Woodward MBE/MBD Core
 Team as AME representative
- Demonstrated partnership with IT for Cybersecurity assurance
- Involvement in Automation projects in EHS,
 Operations, Quality, Warehousing

AVAILABLE TRAINING

Work with your leader to identify on-the-job and formal learning experiences to develop this technical skill.

Digital Technologies Case Studies: AI, IOT, Robotics, Blockchain, 44 mins.



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WHAT GREAT LOOKS LIKE

- Proven leader of a technical, functional area; which includes leading through disruptive change management
- Demonstrates ability to manage across multiple sites and diverse functions without direct reporting authority reflecting ability to influence with credibility
- Demonstrates ability to navigate a matrixed organization and influence strategies at all levels
- Demonstrates high EQ and builds credibility through behaviors aligned with Woodward's Core Values
- Purposefully coaches, teaches, and mentors direct reports and partners to improve team performance creating advancement opportunities for succession

SELF ASSESSMENT

In your current role:



What is your level of proficiency in this skill?



How frequently do you demonstrate this skill?



How confident are you in your ability to apply this skill?

ON THE JOB DEVELOPMENT EXPERIENCES

- Influence a cross-functional team for results when not direct leader
- Lead a team of direct reports through several cycles of learning
- Lead a project team or direct reports through a disruptive change or implementation
- Diverse assignments exposing variety of challenges which develop EQ and credibility
- Formal mentoring relationships with one or more Senior Executives

AVAILABLE TRAINING

Change Leadership, 37 mins.

<u>Decision-Making Strategies</u>, 48 mins.

<u>Critical Thinking for Better Judgement</u> and Decision Making, 57 mins.

Making Accelerated Decisions, 10 mins.



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WHAT GREAT LOOKS LIKE

- Research and Develop New Manufacturing Technology and Strategically Deploy these technologies per Business Unit Strategy
- Benchmarks, researches, collaborates with Industry Experts, Government and Universities for new technology positioning Woodward for competitive advantage
- Design, implement, and maintain an automation and digital manufacturing as a manufacturing improvement strategy
- Ability to analyze production data to identify trends and gaps in equipment and automation including capacity analysis, technical problems, and problem resolution
- Ability to deploy Lean, Continuous Improvement, Six Sigma, Problem-Solving, Decision-Making methods for materials, product, and process design

SELF ASSESSMENT

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How frequently do you demonstrate this skill?



How confident are you in your ability to apply this skill?

ON THE JOB DEVELOPMENT EXPERIENCES

- Participate in research and benchmarking of cutting-edge automation, present findings
- Present a project strategy for buy-in to senior leadership and/or key stakeholders
- Manage a project for product or process from ideation to production
- Multiple projects applying Black Belt Methods with objective results
- Relationship management with stakeholders (internal/external) on complex projects

AVAILABLE TRAINING

Creating a Culture of Continuous Improvement, 59 mins.

<u>Critical Thinking and Problem</u> <u>Solving</u>, 45 mins.

<u>Driving for Results</u>, 10 mins.