WHY TO ATTEND A MAINTENANCE PLANNING AND SCHEDULING WORKSHOP

BY: RICKY SMITH, CMRP, CMRT, CRL

UpKeep
WORLD CLASS MAINTENANCE
GIVING BACK TO MOVE MAINTENANCE FORWARD
TMCC
THE MAINTENANCE COMMUNITY COALITION
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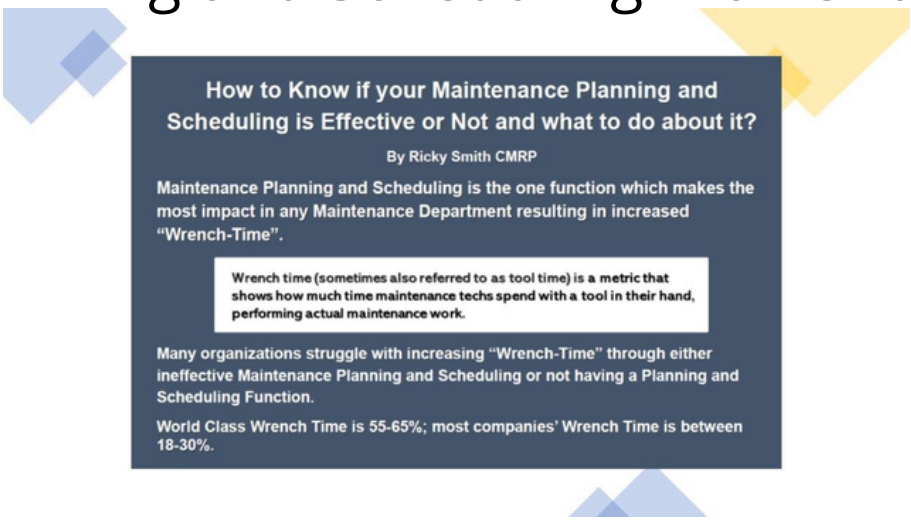
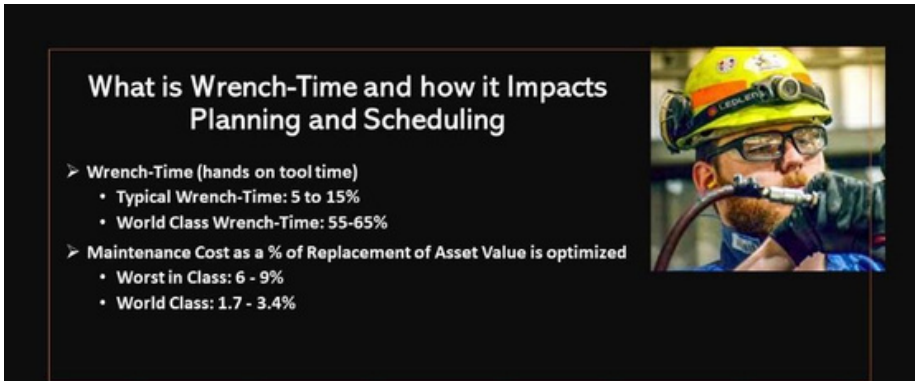
Why to attend a Maintenance Planning and Scheduling Workshop?



1. To increase wrench-time (hands on tool time)



Wrench time is a measure of crafts personnel at work, using tools, in front of jobs

Wrench time does not include time:

o Obtainingparts

o Lookingfortoolsorinstructions

o Travelassociatedwithobtainingparts,tools,etc.

o Travelingtoorfromjobs

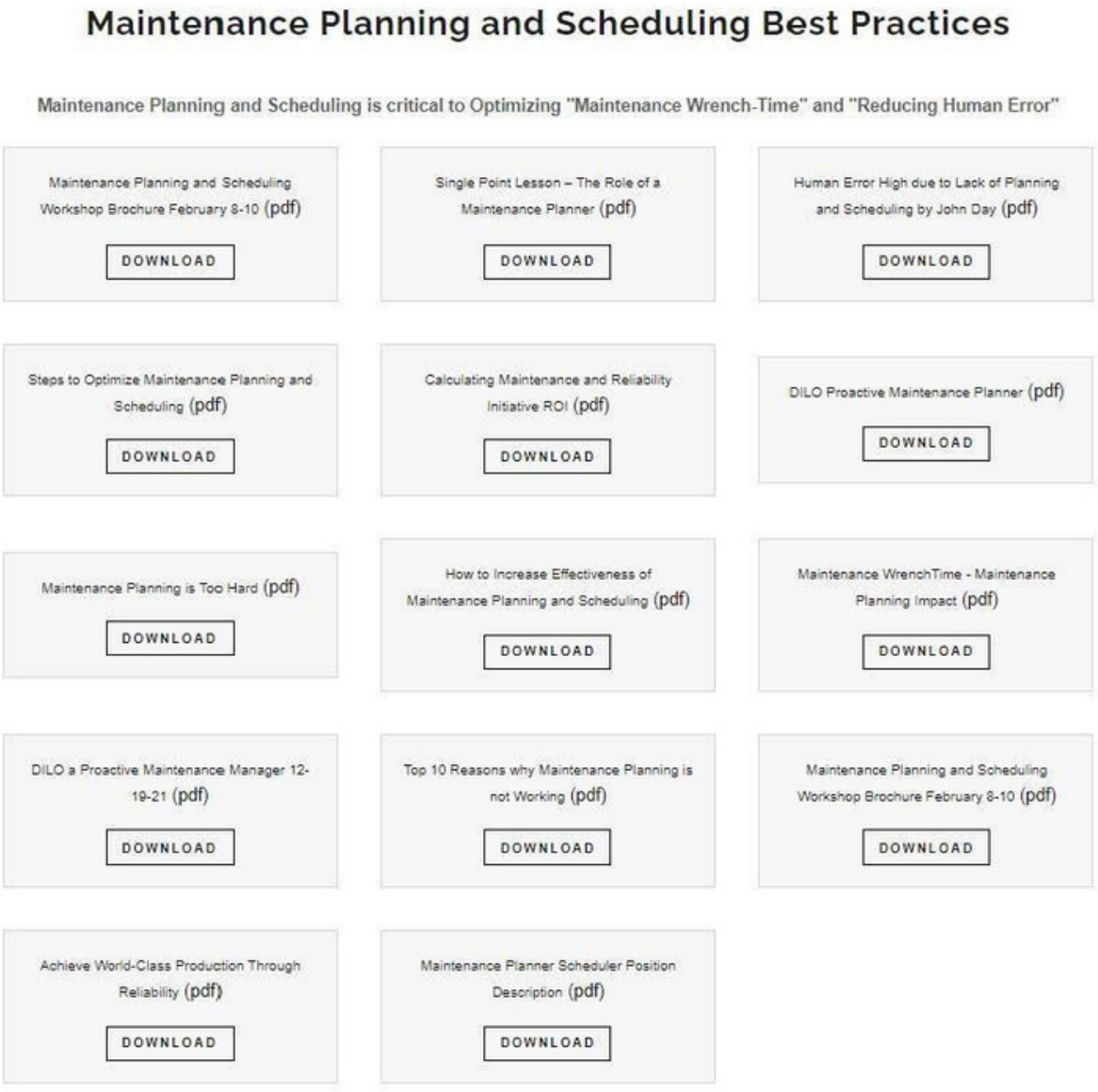
o Timespentobtainingworkassignments.

2. Toreduce"MaintenanceHumanError"basedonJohnDay'scommentedthathecreated Planning and Scheduling in 1970s to mitigate human error. (John Day PE was the Engineering and Maintenance Manager at Alcoa Mt Holly – first plant in the World Certified as meeting "World Class Maintenance Standards")

3. To reduce Maintenance Cost through Optimizing Maintenance Work by performing the right work at the right time. (See WCM Cost vs Typical Maintenance Organization below)

Metric	Typical	World Class
Maintenance cost/replacement asset value Maintenance cost must include labor (including overtime), materials, contract maintenance, and capital replacements, and maintenance (replacing worn-out assets because they were never properly maintained)	3.5–9%	2.0–3.0%
Maintenance materials cost/replacement asset value Maintenance materials cost must include material in storeroom stock plus material in other locations (maintenance shop, plant floor, etc.)	1.0–3.5%	0.25–0.75%

4. To learn from “hands on exercise” to enhance knowledge transfer.



5. ToenableMaintenanceTechnicianstoperformMaintenanceActionstospecification with the right part at the right time.

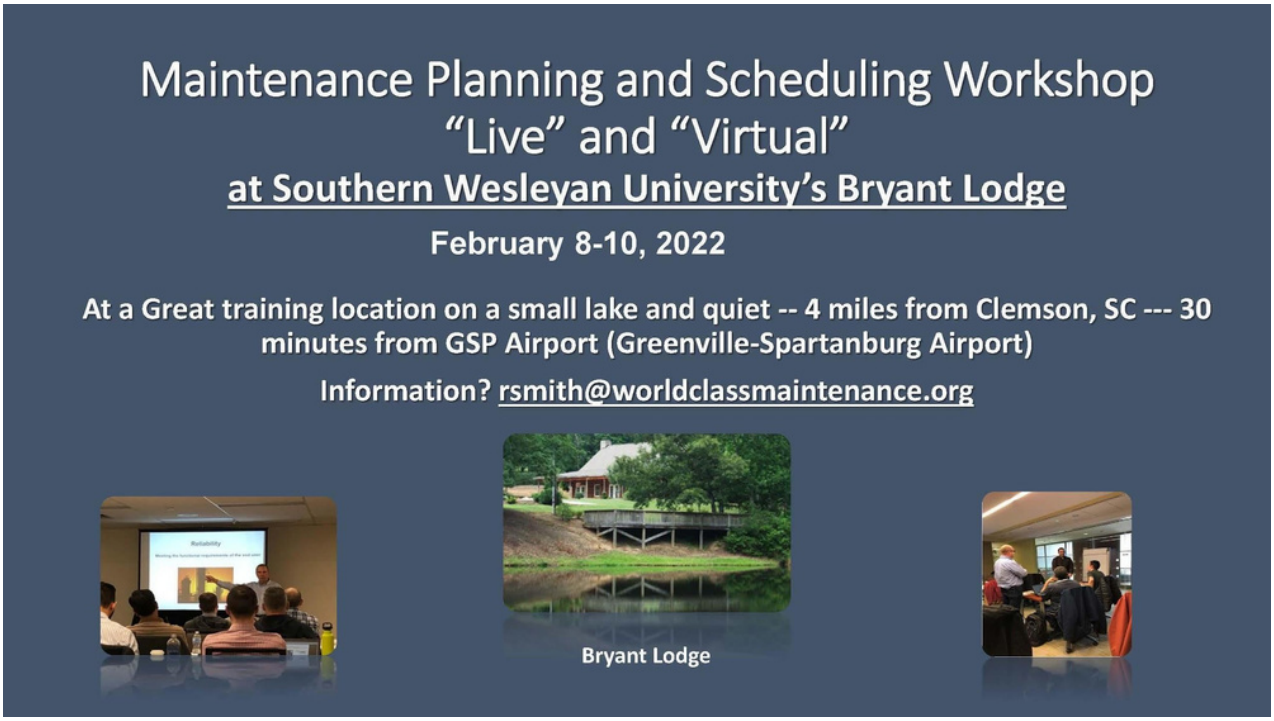
6. To learn how to create a Planning and Scheduling Dashboard

Maintenance Planning and Scheduling Scorecard

November 2020

Total Backlog	Ready Backlog	Planned Work	Schedule Compliance	Rework	EM Labor Hours	Maintenance Cost as % of RAV
6 Weeks	2 Weeks	75%	88%	14	234	14.3%

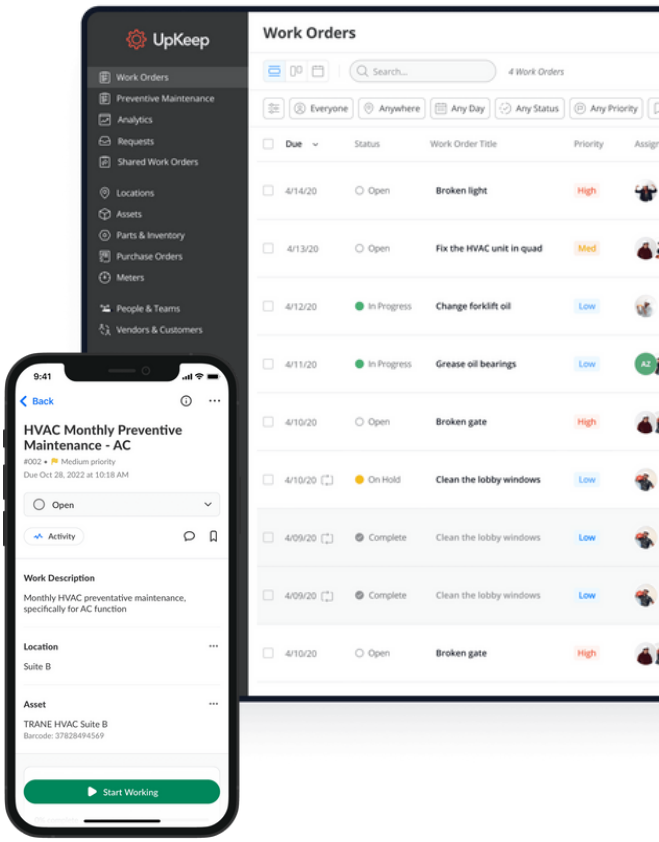
7. …send 2 Maintenance Techs and your Maintenance Planner to a public Planning and Scheduling Workshop


Maintenance Planning and Scheduling Workshop
"Live" and "Virtual"
at Southern Wesleyan University's Bryant Lodge
February 8-10, 2022
At a Great training location on a small lake and quiet -- 4 miles from Clemson, SC --- 30 minutes from GSP Airport (Greenville-Spartanburg Airport)
Information? rsmith@worldclassmaintenance.org
Bryant Lodge

#1 Software for Maintenance & Reliability Teams

UpKeep is a service-first company that builds software designed to make maintenance easier for technicians and managers everywhere. Reduce downtime up to 18% by switching over to a preventative maintenance solution!

www.upkeep.com



Our Products

UpKeep

Mobile-first maintenance management and collaboration across all location, assets, and teams

With nearly 340 different machines in our work environment, it's an impossible task to manually assign and track PM's. **With UpKeep we can schedule regular maintenance without overlapping tasks with other critical jobs."**

★★★★★ **Paul D, Health and Safety Coordinator**

An end-to-end solution for remote condition-based monitoring

Connected and secure IoT sensors for real-time remote condition asset monitoring

edge by UpKeep

DATAHUB UpKeep

Integrated & Centralized Data Ecosystem for World Class Asset Operations

The only purpose built Asset Data Platform. Asset Focused ELT Solution for advanced analytics and integrated, real-time asset data.

The Maintenance Community Coalition was founded on the belief that working together will benefit everyone within our community

Committed to helping each other thrive in our individual professional journeys by sharing resources and expertise, granting scholarships, hosting events, and unlocking knowledge – always at no cost.

TMCC THE MAINTENANCE COMMUNITY COALITION