

THE LAST TACTICAL MILE [LTM] SEMINAR SERIES

3

ADDITIVE MANUFACTURING FOR METAL CASTING

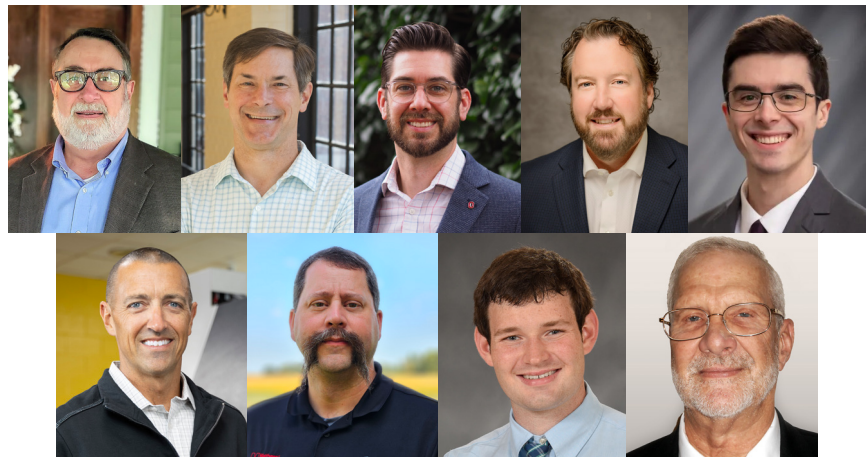
Raising the bar on high-impact education and networking for foundries and government/domestic supply chain partners.

MAY 14, 2025 | ROSE STATE COLLEGE | Midwest City, OK 73110

THE QUAD ROOM | 1720 Hudiburg Drive

HIGHLIGHTS

ALL-DAY
EVENT
FREE OF
CHARGE.



- ✓ **The OEM Perspective:** Understand why OEMs want you to apply this technology
- ✓ **Mold Design Applications:** Best practices regarding integration of AM for mold design
- ✓ **Material extrusion printers** and their application to hybrid tooling
- ✓ **Materials and Consumables:** What is being utilized today and what the future holds
- ✓ **Large Format Printers:** Operations and Best Practices
- ✓ **Future Technologies:** Discussion on what new AM may be coming and its impacts
- ✓ **Expert Panel Q&A:** Engage with Foundry experts
- ✓ **Networking Hub:** Foster connections, share insights, and stay updated on current trends

Government and OEM casting consumers require increased agility in the casting sector to enable operational availability of critical platforms. Additive manufacturing for metal casting offers reduced lead times, ability to cast complex parts and reduce scrap.

Key Workshop Takeaways: You will understand how the technology facilitates more agile casting production for your organization and your supply chain partners. Presenters will share best practices on current technology applications for tooling and toolingless approaches to mold design. Networking sessions will connect you with experts and early adopters who will broaden your team's vision of how to leverage this advanced manufacturing approach to reduce lead times and produce challenging cast parts.

Who should attend this training? Government engineers and procurement professionals, OEM, Tier I/II casting consumers, foundry technical staff, engineering and technical students.

We are looking forward to seeing you!



✓ **Defense Acquisition Professionals** earn **7 CONTINUOUS LEARNING POINTS (CLPs)** for attending, contact Brittany Engel for details.

BOOK YOUR SEAT TODAY!

<https://AMMetalCasting3.eventbrite.com>



3RD SEMINAR AGENDA 05/14/2025 | ROSE STATE COLLEGE

MORNING AGENDA

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|---------------|--|
| 8:15 – 8:30 | DOORS OPEN FOR CHECK-IN |
| | THE QUAD ROOM Rose State College 1720 Hudiburg Drive in Midwest City, OK 73110 |
| 8:30 – 8:40 | Opening Remarks & Introductions |
| | Rich LONARDO , Principal, Defense & Energy Systems |
| 8:40 – 9:05 | The OEM Perspective |
| 01 | Dr. Kirk ROGERS , Ph.D., Principal Consultant for M&P Gravity Works Marshall MILLER , Applications Engineer, Pellet Extrusion Technology for the foundry, 3D Systems |
| 9:05 – 10:05 | Printed Mold & Core Design Fundamentals |
| 02 | Dave RITTMAYER , Director, Business Development at Matthews Additive Technologies Dr. Jason WALKER , Ohio State University CDME, Director, Materials and Processes |
| 10:05 – 10:20 | NETWORKING BREAK |
| 10:20 – 11:20 | Extrusion Technology for Production Patterns and Core Equipment |
| 03 | Marshall MILLER , Applications Engineer, Pellet Extrusion Technology for the foundry, 3D Systems |
| 11:20 – 12:20 | Large Format Sand Printer Lessons Learned & Best Practices |
| 04 | Nathaniel BRYANT , Project Engineering Manager, Metal Casting Center, University of Northern Iowa Jerry THIEL , Retired Director of the UNI Metal Casting and Foundry 4.0 Centers |

AFTERNOON AGENDA

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|-----------------------------------|--|
| 12:20 – 12:35 | LUNCH WILL BE SERVED |
| 12:35 – 1:20 | Innovations and Panel Discussion |
| 05 | ALL PRESENTERS |
| 1:20 – 2:10 | Printer Materials and Innovation |
| 06 | Kelley KERNS , Director, New Business Development HA International, LLC Dr. Dustin GILMER , Assistant Professor, Material Science and Engineering at the University of Tennessee & UT Space Institute |
| 2:10 – 2:30 | NETWORKING BREAK |
| 2:30 – 3:30 | Buying versus Making: All you need to know about printed mold and core production |
| 07 | Brandon LAMONCHA , Director of Additive Manufacturing, Humtown Additive Dave RITTMAYER , Director, Business Development at Matthews Additive Technologies |
| 3:30 – 4:00 | Innovations and Panel Discussion |
| 08 | ALL PRESENTERS |
| 4:30 – 5:30 | Tour & Pour |
| 09 | TBA |
| KICK-OFF OR WRAP-UP DINNER | |
| TBA | TBA |
| No Host Dinner TBA | |

NOTE: America Makes self certifies that attendance at this one-day workshop accounts for **7 CONTINUOUS LEARNING POINTS (CLPs)** for defense acquisition professionals.

OUR PARTNERS

