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CENTER OF
EXCELLENCE

RIT

Dubai
Materials and
Advanced
Manufacturing
Research Center

ASTM CERTIFICATE COURSE

Additive Manufacturing Essentials for Professionals

Course designed for metal AM engineers, metal AM operators, metal AM managers and team leaders, and professionals with experience in metal AM.

- Earn a globally recognized certificate from ASTM International
- Learn from industry experts from ASTM AM CoE
- Discover the latest advancements and best practices in AM



Instructor
Dr. Mohsen Seifi
Vice President, Global
AM Division
ASTM International



Instructor
Dr. Khalid Rafi
Director, Training
and Certification,
Global AM Division
ASTM International

[Register Now](#)

Point of contact
[Dr. Salman Pervaiz](#)

March 31 – April 1, 2026
Rochester Institute of Technology Dubai (RIT Dubai)

\$999 per person (regular registration)
\$899 per person (group registration, five or more pax)

DAY 1 (TUESDAY)

0900	Registration
0930	Welcome and Introduction
1000	AM Overviews & Standards <ul style="list-style-type: none"> - Fundamentals of AM - Overview of international AM standards
1030	Qualification and Certification <ul style="list-style-type: none"> - Fundamentals of Qualification & Certification - Overview of certification framework
1300	AM Material <ul style="list-style-type: none"> - Metal Powders for AM - Powder storage and handling - Powder reuse
1515	AM Design <ul style="list-style-type: none"> - Design for AM (DfAM) - Design process - CAD & Design Technologies - Design Rules

1200 Lunch 1500 Break

DAY 2 (WEDNESDAY)

0900	Recap of Day 1; Q&A Session
0930	AM Process and Post-processing <ul style="list-style-type: none"> - Process Overview - Standard terminologies for AM applications - Steps for post-processing - DfAM for reducing post-processing
1300	Mechanical Testing for AM Materials <ul style="list-style-type: none"> - Current state of standards for mechanical testing - AM-specific mechanical testing standards under development - Establishing specimen property – part performance relationships
1515	Non-Destructive Evaluation (NDE) & In-Situ Monitoring for AM <ul style="list-style-type: none"> - NDE for surface & volumetric inspections - Non-Destructive Detection of typical AM flaws - In-situ AM measurements and monitoring

1200 Lunch