ADDITIVE MANUFACTURING CENTER OF EXCELLENCE

RIT Dubai Materials and Advanced Manufacturing Research Center

ASTM CERTIFICATE COURSE

Additive Manufacturing Essentials for Professionals

United Arab Emirates

Rochester Institute of Technology Dubai (RIT Dubai), Dubai Silicon Oasis, Dubai PO BOX 341055

February 10 - 11, 2026 Tuesday & Wednesday, 9:00am – 5:30pm

Discover the latest advancements and best practices in AM

Earn a globally-recognized certificate from ASTM International

Learn from industry experts from ASTM AM CoE

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

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RIT Dubai Materials and Advanced Manufacturing Research Center

Instructors:

Dr. Mohsen Seifi
Vice President
Global AM Division
ASTM International

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Director, Training and Certification
Global AM Division
ASTM International

Point of Contact:

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Course fees

- **$999** per person (Regular price for registration)
- **$899** per person (For group registration, 5 or more pax)

Training Agenda:

Day 1	Topics
0900 - 0930	Registration
0930 - 1000	Welcome and Introduction
1000 - 1030	**AM Overviews & Standards** • Fundamentals of AM • Overview of international AM standards
1030 - 1200	**Qualification and Certification** • Fundamentals of Qualification & Certification • Overview of certification framework
1200 - 1300	**Lunch Break**
1300 - 1500	**AM Material** • Metal Powders for AM • Powder storage and handling • Powder reuse
1515 - 1730	**AM Design** • Design for AM (DfAM) • Design process • CAD & Design Technologies • Design Rules

Day 2	Topics
0900 - 0930	Recap of Day 1; Q&A Session
0930 - 1200	**AM Process and Post-processing** • Process Overview • Standard terminologies for AM applications • Steps for post-processing • DfAM for reducing post-processing
1200 - 1300	**Lunch Break**
1300 - 1500	**Mechanical Testing for AM Materials** • Current state of standards for mechanical testing • AM-specific mechanical testing standards under development • Establishing specimen property – part performance relationships
1515 - 1730	**Non-Destructive Evaluation (NDE) & In-Situ Monitoring for AM** • NDE for surface & volumetric inspections • Non-Destructive Detection of typical AM flaws • In-situ AM measurements and monitoring