



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

📅 March 31 – April 1, 2026, Tuesday & Wednesday,  
9:00am – 5:30pm

[\*\*REGISTER NOW\*\*](#)

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

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



## Instructors:



**Dr. Mohsen Seifi**  
*Vice President*  
Global AM Division  
ASTM International



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

## Point of Contact:

**Dr. Salman Pervaiz**  
sxpca@rit.edu

## 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	<b>AM Overviews &amp; Standards</b> <ul style="list-style-type: none"> <li>• Fundamentals of AM</li> <li>• Overview of international AM standards</li> </ul>
1030 - 1200	<b>Qualification and Certification</b> <ul style="list-style-type: none"> <li>• Fundamentals of Qualification &amp; Certification</li> <li>• Overview of certification framework</li> </ul>
1200 - 1300	<b>Lunch Break</b>
1300 - 1500	<b>AM Material</b> <ul style="list-style-type: none"> <li>• Metal Powders for AM</li> <li>• Powder storage and handling</li> <li>• Powder reuse</li> </ul>
1515 - 1730	<b>AM Design</b> <ul style="list-style-type: none"> <li>• Design for AM (DfAM)</li> <li>• Design process</li> <li>• CAD &amp; Design Technologies</li> <li>• Design Rules</li> </ul>

Day 2	Topics
0900 - 0930	Recap of Day 1; Q&A Session
0930 - 1200	<b>AM Process and Post-processing</b> <ul style="list-style-type: none"> <li>• Process Overview</li> <li>• Standard terminologies for AM applications</li> <li>• Steps for post-processing</li> <li>• DfAM for reducing post-processing</li> </ul>
1200 - 1300	<b>Lunch Break</b>
1300 - 1500	<b>Mechanical Testing for AM Materials</b> <ul style="list-style-type: none"> <li>• Current state of standards for mechanical testing</li> <li>• AM-specific mechanical testing standards under development</li> <li>• Establishing specimen property – part performance relationships</li> </ul>
1515 - 1730	<b>Non-Destructive Evaluation (NDE) &amp; In-Situ Monitoring for AM</b> <ul style="list-style-type: none"> <li>• NDE for surface &amp; volumetric inspections</li> <li>• Non-Destructive Detection of typical AM flaws</li> <li>• In-situ AM measurements and monitoring</li> </ul>