

Fundamentals and Applications of Fire Assay Short Course

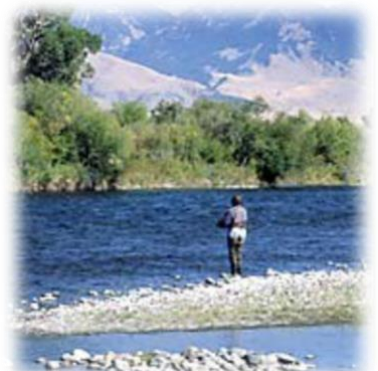
**Confirmed Dates:
Thursday and Friday
August 19 and 20, 2021**

23rd Fire Assay Short Course

Hosted by

Dr. Courtney Young
Metallurgical & Materials
Engineering Department
Montana Tech Butte MT

(406) 496-4158



This is a comprehensive short-course designed to provide fundamental, laboratory and industrial training in Fire Assay. This course will be valuable to both technical and nontechnical personnel. It covers:

- History & Methodology
- Sampling Theory & Instrumentation
- Challenges & Applications
- Chemistry & Calculations
- Thermodynamic Evaluations
- Supportive Analytical Methods
- Virtual Tours of Milling, Smelting and Refining Operations as well as Industrial Labs

*For more information and
registration forms, please
Visit our website at:*

<https://www.mtech.edu/metallurgy/fire-assay/index.html>

and

Contact the Administrative Assistant:

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Metallurgical and Materials Engineering



Virtual TBD Industrial Tours

**Sibanye-Stillwater
Mining Company
Primary and Secondary
PGM Smelter, Refinery
and Lab Columbus, MT**

**Barrick Golden
Sunlight Lab and Mill
Primary Au Producer,
Whitehall, MT**

**Hecla Lab and Lucky
Friday Mill, Primary Ag
Producer, Mullan ID**

**American Analytical
Services, Metallurgical,
Environmental, and
Chemical Lab, Osburn ID**

**New Jersey Mining Co.
Au-Pyrite Mill
Kellogg ID**

Visit Majestic Southwest Montana

- Blue Ribbon Fly Fishing
- Camping
- Hiking
- Golfing
- Rock Climbing
- Water Skiing
- Snow Skiing
- White Water Rafting
- Lewis & Clark Trail
- Yellowstone National Park
- Glacier National Park
- Wild Life Viewing
- Wind Surfing

