

TRACK TO EXCELLENCE

Career & College Readiness Platform

tracktoexcellence.org

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Greenville, SC

Websites to Explore Machine Tool Technology

1. NIMS – National Institute for Metalworking Skills – Great for students who want to understand machining skills, CNC, measurement, safety, milling, drilling, and industry credentials; NIMS also provides free sample tests and study materials. (NIMS Skills)
2. Make it – America's Cutting Edge – One of my favorites for students. It offers free online training focused on high-demand manufacturing careers, including CNC machining and precision manufacturing. (Makeit)
3. Tooling U-SME – Provides manufacturing education covering machining, manufacturing technology, engineering, welding, and more; its content is designed for learners including high school students. (Tooling U-SME)
4. SME Education Foundation – Helps students explore advanced manufacturing and engineering careers, scholarships, hands-on learning, and pathways into technical careers. (SME Education Foundation)
5. SME High School Membership – This is particularly cool because high school membership is free and students can connect with manufacturing professionals, find mentors, explore manufacturing technologies, compete, and access scholarship opportunities. (SME)

These are the best websites for:

-  Learn the Basics: NIMS
-  Try CNC/Manufacturing: Make it
-  Explore Manufacturing: SME