

MANUAL LATHE MACHINIST

Pathway Certificate

61-444-1

This pathway certificate is designed to prepare completers for entry-level employment in the area of manual lathe machining. The certificate covers machine safety, basic and advanced machining math, shop computing, metrology, semi-precision machining, lathe turning fundamentals, and lathe turning applications.

Pathway Certificates and Embedded Technical Diplomas are part of a larger model of BTC's Career Pathways which link related academic programs in sequence. Each program offers direct job preparation and a path to the next level of academic programming. To view the connected program model, visit the CNC Technician Career Path (http://catalog.blackhawk.edu/academics/pathway_certs/lathe_machinist/CNCTechnicianCareerPath.pdf) (PDF).

Semester 1		Credits
421-385	Blueprint Reading	2
444-300	Shop Computing	2
444-301	Metrology	2
444-302	Semi-Precision Machining	2
444-303	Turning Fundamentals	2
804-306	Shop Mathematics I	2
	Credits	12
Semester 2		
444-306	Turning Applications	2
804-308	Shop Mathematics II	2
	Credits	4
	Total Credits	16