

Century College Capability Statement

Institution: Century College

Federal EIN No: 411687554

Accreditations: Higher Learning Commission (HLC)

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Century College is a 2-year community and technical college in White Bear Lake, Minnesota. As one of the largest two-year colleges in Minnesota, we serve over 15,500 credit and non-credit students every year.

We offer degrees, diplomas, certificates, and courses in general education and transfer, business, human services, health sciences, technology, engineering, applied design, industrial, and non-credit workforce training.

With various student support and student life opportunities, including athletics, student clubs and organizations, campus theatre, Multicultural Center, LGBTQ Center, Veterans Center, and much more, Century College provides a welcoming and vibrant campus community.

As a “community” college, we care about our locality. We are engaged, connected, and a resource within our local communities, including K-12 and workforce/industry partners.

Capabilities/Facilities

Additive Manufacturing (3D printing): Six industry-standard 3D printing technologies, from Fused Filament Fabrication (FFF) technology to Direct Metal Laser Sintering (DMLS).

Digital Manufacturing: CAD/CAM, conversational programming, 7-axis Robotic arm carver, Collaborative robots, CNC milling and plasma cutting, Laser cutters, Vision inspection systems, PLCs and automated control systems

Biofabrication: collaboration between Century College’s Additive and Digital Manufacturing and Biology programs. human cell 3D and 4D bioprinting of human tissues, design of synthetic and natural biomaterials, and the development of biomarkers for tissue maturity and organ function.

Digital Fabrication/Fab Lab: Laser engraver, Mini-mills (2 Sherlines & 1 Modela), Vinyl sheet/sign cutter, 3D powder-based rapid prototyping machine, ShopBot (4’ X 8’ CNC Router), Hand tools and bench-top machines

Engineering Lab: circuit prototyping, Bantam printed circuit board (EAGLE), Prusa 3D printer, high-power rocket build space, small-scale sensor system design and integration