Drafting Technology (DDT)

PURPOSE: Shelton State’s Drafting program prepares students for careers as drafters in engineering related trades or as technicians who link the skilled worker with the engineer or architect. Instruction includes fundamentals of drafting, multi-view drawing, pictorial drawing and dimensioning. The program also emphasizes engineering production drafting, structural steel detailing, industrial pipe drafting, civil and map drafting, machine drafting and architectural drafting. At Shelton State, students will learn to work hand-in-hand with engineers and architects. Students will also have the opportunity to work on the latest computer-aided software using AutoCAD, AutoCAD Mechanical Desktop, AutoCAD Architectural Desktop and AutoCAD Land Development.

Possible Occupations

- Mechanical drafter
- Architectural drafter
- Civil drafter
- Industrial pipe drafter
- Structural steel drafter
- Checker
- Design drafter
- Quality control inspector
- Computer aided/drafting technician
- Estimator
- Electrical and electronics drafter
- Land surveyor
- Construction manager (future)
- Landscape drafter
- Aeronautical drafter
- Printed circuit designer
- Geological drafter
- Marine drafter
- Electromechanisms design drafter
- Automotive design drafter
- Technical illustrator
- Printed circuit board designer
- Integrated circuit board designer

Industry Opportunities

- Engineering, architectural, and related services firms
- Durable goods manufacturing industries such as machinery, electrical equipment, and fabricated metals
- Transportation industries
- Utility companies
- Machinery and construction firms
- Communications companies and utility companies
- Government agencies
- Personnel supply services industries
- Self-owned businesses

Degrees/Certificates offered at Shelton State: Drafting

ASSOCIATE IN APPLIED SCIENCE DEGREE and Certificate