

TOOL & DIE ASSOCIATE OF SCIENCE DEGREE

To graduate with a specialization in Tool and Die, students must complete the following required courses for the certificate plus the general breadth requirements for the Associate of Science Degree (minimum total = 60 units).

Code	Title	Units
Required Courses:		
MACH 021	Machine Shop	3
MACH 022	Machine Shop II	4
MACH 090	Mechanical Print Reading	3
MACH 120	Machine Shop Theory	2
MACH 123	Machine Shop III	4
MACH 124	Machine Shop IV	4
Required Specialized Courses:		
MACH 061	Jig and Fixture Machining	4
MACH 129	Manufacturing Processes	2
MACH 160	Tool and Die	4
Total Units		30

To earn an SBVC Associate Degree students must complete one of the following general education patterns:

SBVC GE requirements (<https://www.valleycollege.edu/student-services/counseling/graduation-requirements/>)

CSU GE requirements (<https://www.valleycollege.edu/student-services/counseling/csuge/>)

IGETC requirements (<https://www.valleycollege.edu/student-services/counseling/igetc/>)

Program Learning Outcomes

At the completion of this program, students will be able to:

- a. Demonstrate safety by passing NIMS and OSHA safety.
- b. Read and perform work according to blueprints or drawing sheets.
- c. Operate machinery to complete a task with precision and accuracy.