

## Essential Question

What is it like to work as a cell machinist?

## Vocabulary

- **Cell Machinist**– a skilled manufacturing technician who operates, sets up, and maintains a specific group of automated machines to produce precision parts from start to finish.
- **Manufacturing Cell**– A small group of different machines arranged in a specific order to completely make a part from start to finish.
- **Blueprint** – A detailed technical drawing or plan that shows how a project or structure should be built.

## Before Viewing

Have students jot down answers to the following questions:

- What does it mean to be a cell machinist?
- What are the job duties of a cell machinist?
- What is the typical work environment of a cell machinist?
- What tools are used by a cell machinist to do his/her daily tasks?
- What is the education required to be a cell machinist?
- What are the skills necessary for being a cell machinist?

## While Viewing

Have students think about the “Before Viewing” questions and write down the correct answers

## After Viewing Activities

Have students discuss in pairs or small groups their answers to the “Before Viewing Questions” as well as the Discussion Questions for this resource.

*The Careers That Work collection contains various activities for each featured career.*

Grades 4-7

Career Information Worksheet

Blueprint Assembly Line Activity

Use these activities to stimulate discussion around the cell machinist career.

Grades 8-12

Career Presentation

Divide your class into groups and ask them to present on the various topics around the cell machinist career.