



EXPERIENCE CAREERS IN DAIRY UNIT

Lesson 4: Robot Technician

Lesson Introduction

Every year in the fall, the Dairy Education Foundation sponsors a farm tour experience for students enrolled in the Dairy Leaders of Tomorrow program. Normally, teachers and students experience careers in dairy in-person as part of the farm tours.

In the fall of 2020, high school students were not able to participate in-person for the farm tours and career experiences. The 2020 DLT Farm Tour was held on Friday, October 9, 2020 virtually. Teachers and students were able to view careers in dairy live on YouTube Live with the opportunity to ask questions. This video of the Robot Technician at Maple Bottom Farm is a clip of the live recording from the October 9th, 2020 Farm Tour.

Essential Questions

- How did the robot technician learn the skills needed for this career?
- How does a robotic milker work on a dairy farm?

Objectives

- Students will learn the process of robotic milking on a dairy farm.
- Students will learn the skills needed to be a robotic technician.
- Students will learn key concepts to robotic milking dairy cattle.

Lesson Duration: 30 Minutes

Materials Needed

- *DLT Farm Tour Career Segment: Robot Technician video at <https://www.youtube.com/watch?v=2kP2WnLeqKU&list=PLBSUDChAb6b4WQDfq04RaqxzxEn70tBOT&index=2>*
- Internet Access
- *Careers in Dairy: Robot Technician Discussion Guide*

Procedure

DLT Farm Tour Career Segment – Robot Technician

Have students access the Careers in Dairy: Robot Technician Discussion Guide in Adobe Acrobat as a fillable PDF or pass out a paper copy of it. As students watch the Robot Technician video, they should complete the questions asked.