

# **Ensuring Teacher Quality**

## **Algebra II**

## About The University of Texas at Austin Charles A. Dana Center

The University of Texas at Austin Charles A. Dana Center developed this publication for the Texas Higher Education Coordinating Board. The Dana Center works to support education leaders and policymakers in strengthening Texas education. As a research unit of The University of Texas at Austin's College of Natural Sciences, the Dana Center maintains a special emphasis on mathematics and science education.

The Dana Center's mission has been to strengthen the mathematics and science preparation and achievement of all Texas students, through supporting alignment of all the key components of mathematics and science education in Texas: the state standards, accountability system, assessment, and standards for teacher certification. We have focused our efforts in recent years on providing resources to help local communities meet the demands of the state system, by strengthening statewide mathematics and science professional development and by publishing and disseminating mathematics education resources. This mathematics module creates an opportunity to use what we have learned from our previous work to align the next generation of professional development with the state accountability drivers and help ensure that Texas teachers are qualified and supported in teaching mathematics to Texas students.

### About the development of this book

The Charles A. Dana Center, in close collaboration with faculty from the University of Texas at Arlington, Fort Worth and Arlington Independent School Districts, and Region XI Education Service Center, has developed this TEKS-aligned mathematics professional development course in Algebra II to strengthen teacher knowledge and skills. As Texas teachers deepen their mathematical content knowledge, they will be able to help a far larger and more diverse group of their students achieve mastery in Algebra II and thus meet our state's content and performance standards.

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# Ensuring Teacher Quality: Algebra II

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