

Algebra 2

2011-2012 Webworks

Full Year Course

10th – 11th grade

One High School Math Credit

Course Tutor:

George McBride

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Course Description:

This course reviews and expands upon graphing and solving equations, introduces exponential functions, logarithms, and trigonometry. We will also advance into complex numbers, rational expressions and equations, and probability and statistics, and an introduction to trigonometry.

Course Prerequisites:

Students should have completed Algebra I

Required Texts:

1. (Either the second edition or the updated second edition of the BJU student text is OK)
Algebra 2 Student Text (2nd ed.) Kathy Pilger, EdD ISBN # 978-1-57924-385-2
or the updated second edition: ISBN# 978-1-59166-985-2
2. Algebra 2 Student Tests (2nd ed.) BJU Staff; ISBN 978-1-57924-436-1

Optional parent materials: (parents may want this to be able to assist their student more.)

Algebra 2 Teacher's edition (2nd ed.) Kathy Pilger, EdD ISBN 978-1-57924-386-9,

Algebra 2 Tests Answer Key (2nd ed.) BJU Staff; ISBN 978-1-57924-437-8

Required Supplies:

It is expected that each student will have the following:

- A three-ring binder for organizing all problem sets and class notes
- ¼" graphing paper is recommended for graphing.
- A compass
- A straight edge and ruler
- A protractor
- A scientific calculator
- To aid memorization, it is recommended that each student use 3x5 note cards to record definitions, mathematical properties, and theorems.

Tutor Bio:

George has varied career serving as a Field Service Engineer, Embedded Software Engineer and IT Technician. He serves his local church as a worship team member, and sound and IT technical advisor. He lives in central Michigan with his wife, not far from their son, daughter and their four grandchildren.