Academic Preparation Page

## Kyle S. Chappell

## Residency Teacher

## Mathematics Endorsement

# **Master in Teaching 2011-2013 The Evergreen State College (TESC) Quarter credits**

Theories of Learning 4

Models of Teaching and Lesson Planning 4

Content Literacy and Academic English 4

Statistics/Educational Research and Design 4

Field Experience/Practicum Teaching 4

Interdisciplinary Curriculum Design and Assessment 4

Secondary Methods: Secondary Mathematics 4

Secondary Methods: Curriculum Design and Assessment 4

Adolescent Development and Communication 3

Diversity and Equity in the Classroom 3

Historical Foundations of Education 3

Classroom Management and Discipline 2

Sustainability and Systems Theory 2

Educational Technology: Webpage and iMovie 2

Professional Issues: Child Abuse, Law, RTI and IDEA 1

Secondary Literacy and Academic English 4

Student Teaching fall 2012 16

Integrative Arts 2

Educational Technology 3

Special Needs in the General Education Classroom and Differentiating Instruction 3

Education Seminar (topics TBA) 3

Individualized Contract (topic TBA) 3

Connecting with Families and Community 1

Professional Development: Professional Growth Plan and Master’s Presentation 1

Student Teaching spring 2013 16

# **Mathematics Endorsement Quarter Credits Institution**

WEST-E: passed

Math: A Practical Art 5 Seattle Central CC

Precalculus I, Elementary Functions 5 SCCC

Precalculus II, Triginometry 5 SCCC

Calculus with Analytical Geometry 5 SCCC

Vector Calculus 6 TESC

Intro to Variational Calculus

Linear Algebra 6 TESC

Ordinary Differential Equations 6 TESC

Partial Differential Equations 5 TESC

Complex Variables 5 TESC

Modern Algebra I 4 TESC

Real Analysis I 4 TESC

Set Theory 4 TESC

Intro to Non-Linear Dynamics (geometry) 4 TESC

Seminar: History and Philosophy of Mathematics 1 TESC

Seminar: History of Mathematics 4 TESC

Seminar: Mathematical Origins of Life 2 TESC

Probability Theory 5 TESC

Statistics 4 TESC

Intermediate Statistics 4 TESC

# **Relevant Courses/Professional Development Quarter Credits Institution**

Computers in Math 1 SCCC

Modeling Emergence with NewLogo 3 TESC

Discrete Mathematical Biology 5 TESC

Chemistry and Society 5 SCCC

Survey of Oceanography 5 SCCC