Academic Preparation Page

## Cara M. Flynn

## 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: 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: Mathematics passed

History of Mathematics 4 TESC

Liberal Arts Mathematics 6 TESC

Introduction to Programming in Python with Laboratory 9 TESC

Discrete Mathematics I 4 TESC

Logic and Deductive Reasoning 4 TESC

Statistics 5 TESC

Service Learning (applied statistics) 2 TESC

Descriptive and Inferential Statistics 4 TESC

Game Theory 8 TESC

Mathematics (Point-set Topology) 4 TESC

Euclidean Geometry 4 TESC

Linear Algebra 3 TESC

Calculus I (Limits, Derivatives and applications) 5 TESC

Calculus II (Integration, Transcendental Functions & Applications) 6 TESC

Calculus III (Sequences & Series, Parametric & Polar Equations, Vector-Valued Functions) 6 TESC

Independent Study: Readings in Calculus 2 TESC

Multivariable Calculus 2 TESC

Mathematical Biology 5 TESC

Evolutionary Dynamics 5 TESC

Agent Based Modeling 2 TESC

Individual Project : Models for Parenting in Birds 2 TESC

Education (Tutoring Math & Science Across Significant Differences) 4 TESC

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

History of Science 4 TESC

Neurodevelopmental Movement 2 TESC

Seminar : Origins of Life 2 TESC

Calculus-based Introductory Physics (Mechanics) with Lab 6 TESC

Calculus-based Introductory Physics (Electromagetism, Special Relativity) with Lab 4 TESC

Creative Writing 6 TESC

Creative Writing and Literary Theory 4 TESC

Expository Writing 10 TESC

Intro to Creative Writing 2 TESC

Intro to Literary Theory 2 TESC

Poetry and Poetics in Performance 4 TESC

Performance Studies 4 TESC

Performance (Acting) 2 TESC

Psychology : Interpersonal Communication 4 TESC

Lifespan Developmental Psychology 4 TESC

Pacific Northwest History 4 TESC