

General Education Course Submis:



Questions Responses 15

15 responses



Accepting responses

Summary

Question

Individual

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Responses cannot be edited

General Education Course Submission Form

Use this form to add, change, or revise a General Education course.

* Required

Name *

Jinho Jung

Phone number: *

775 753 2323

Course prefix, number, and name: *

Math 126E Precalculus



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- Communications and Expression: Oral Communications
- Communications and Expression: Evidence-Based Communications
- Communications and Expression: Fine Arts
- Logical and Scientific Reasoning: Mathematical Reasoning
- Logical and Scientific Reasoning: Scientific Reasoning
- Logical and Scientific Reasoning: Scientific Data Interpretation and Generation
- Human Societies and Experience: Structures of Societies
- Human Societies and Experience: American Constitutions and Institutions
- Human Societies and Experience: Humanities
- Technological Proficiency
- Other: _____

Communications and Expression: Written Communications

Provide written substantiation of how this class meets each of the following objectives.

Utilize written genres appropriate to task

Choose ▼



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Effectively identify and address various audiences and contexts

Communications and Expression: Oral Communications

Provide written substantiation of how this class meets each of the following objectives.

Organize oral presentations appropriate to context and audience

Deliver compelling and clear oral communications

Demonstrate an understanding of interpersonal communications in a variety of context

Communications and Expression: Evidence-Based Communications

Provide written substantiation of how this class meets each of the following objectives.



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Determine source appropriateness/credibility according to conte

Effectively incorporate and cite sourced material in communication

Communications and Expression: Fine Arts

Provide written substantiation of how this class meets each of the following objectives.

Demonstrate proficiency in the understanding of basic fine arts concepts and languag

Demonstrate the effective use and application of artistic tools and processe

Demonstrate the ability to engage in the creative process as it applies to the subjek

Logical and Scientific Reasoning: Mathematical Reasoning



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Demonstrate knowledge of mathematical notation and concepts.

At the end of the course, students should be able to:

Solve a variety of equations including polynomial, exponential and logarithmic.

Operate on functions, including basic mathematical operations, composition and inversion.

Use the properties of logarithms.

Analyze functions by finding roots, turning points, and asymptotes.

Manipulate complex numbers and understand their relationship to the solutions of polynomial and rational equations.

Solve nonlinear inequalities.

Find the partial fraction decomposition of a rational expression.

Solve systems of equations using various methods including elimination and determinants.

Apply mathematical concepts and operations in proper written or graphical form.

Graph a variety of functions including logarithmic, polynomial, rational, and exponential functions.

Identify, obtain, and graph the equations of circles and parabolas.

Demonstrate the appropriate mathematical format and notation in solving problems.



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Identify, obtain, and graph the equations of circles and parabolas.

Demonstrate the appropriate mathematical format and notation in solving problems.

Logical and Scientific Reasoning: Scientific Reasoning

Provide written substantiation of how this class meets each of the following objectives.

Demonstrate an understanding of the scientific methodologies used in various discipline

Effectively interpret and apply scientific principles and concept

Apply scientific reasoning to the evaluation, analysis or interpretation of models and theories developed in the sciences

Logical and Scientific Reasoning: Scientific Data Interpretation and Generation

Provide written substantiation of how this class meets each of the following objectives.



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Utilize the scientific method to arrive at informed conclusion

Human Societies and Experience: Structure of Society

Provide written substantiation of how this class meets each of the following objectives.

Demonstrate understanding of the processes that influence human behavior and structure of socie

Demonstrate understanding of the processes that influence social stratification and/or inequali

Demonstrate understanding of the methodologies used to study human social system

Human Societies and Experience: American Constitutions and Institutions

Provide written substantiation of how this class meets each of the following objectives.



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Demonstrate understanding of processes of social stratification and inequality in American society

Demonstrate knowledge of the methods used to study American society

Human Societies and Experience: Humanities

Provide written substantiation of how this class meets each of the following objectives.

Demonstrate an understanding of the consequences of human actions in social and environmental contexts, and an ability to consider the ethical and practical implications of those actions

Demonstrate an ability to recognize the importance of creative human expression

Demonstrate an ability to recognize and respect the rights of the individual and to appreciate the complexity and variety of divergent attitudes, values and beliefs in society



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Technological Proficiency

Provide written substantiation of how this class meets each of the following objectives.

Analyze a problem and identify and define the technology requirements appropriate to its solution

Describe professional, ethical, legal, security and social issues and responsibilities for technology users

Develop skills to continuously learn fundamentals of existing and new technology:

Notifications and Notes

Which departments and Deans have you notified?

Math department/ Dean of Arts and Sciences

Signatures?

Jinho Jung



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Submitted 2/11/20, 2:36 PM