Training For The Professional Educator

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ADVENTURES IN EDUCATION, INC.

We Offer

- Exciting courses for Teachers, Curriculum Planners, Administrators, and Coordinators.
- Self-Paced Distance Learning and Structured Online courses.
- Courses designed for teachers seeking certification renewal, lane advancement, and professional development.
- GRADUATE CREDIT is available for all courses through Portland State University, OR.

" I greatly enjoyed the course. Thank you so much for making these courses available. They are just what I needed, wanted, and like! Thanks again!" –Math Teacher, PA

"Thanks, I am already using the info that I learned in my classrooms." --Teacher, CA

Registration for all courses is through Adventures In Education, Inc.

All courses are offered cooperatively by Portland State University, OR and Adventures in Education, Inc.

Our Mission

- **Develop new, creative and interactive approaches to teaching.**
- **The question, "What is this stuff good for" is met head on.**
- **Engage in activities you can take back to your classroom and immediately apply.**
- **Instill an overall appreciation of the discipline and expose participants to the subtlety and variety of the many facets of teaching: problems, ideas, methods, solutions, etc.**
- **Establish the connection between the discipline and down-to-earth, concrete real-life problems.**
- **Activities prompt classroom discussion, generate lesson plans, and provide new ideas for instruction.**
- **If questions arise, the facilitator is only an email or a phone call away.**

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For more information visit www.adventures-in-education.com, write to eknowlton@adventures-in-education.com or call 630-877-4006.

Course Catalog 2016/17

Self-Paced Distance Learning Courses - CI 808 Prefix

986D-**Teaching Mathematics Through Multiple Intelligences Gr K-5** **2 qtr grad credits, Self-paced distance learning** Learn how to use activities and instructional games to develop key concepts in major strands of mathematics. Discover how easy it is to incorporate multiple intelligences into lesson plans. Use a collection of field-tested activities as a powerful resource for developing lessons that initiate the primary intelligences of all students, including special-needs students, and create effective patterns for classroom learning.	986J-**Statistics with Microsoft Excel, Part I** **3 qtr grad credits, Self-paced distance learning**SF2 Learn to effectively use Excel and the Internet to teach statistics topics. Methods align with NCTM Principles and Standards for School Mathematics and Common Core State Standards. Cover basic Excel skills and explore topics such as generating random numbers, simulations, frequency tables, summary statistics, graphs and charts, linear regression, correlation, binomial distribution, normal distribution, z-values and t-values, hypothesis testing, and ANOVA. Research instructional implications for use of technology in the classroom. Engage in interesting real-world activities that you can immediately use to teach all students.
9863-**Explore Math Connections! A Curriculum for All Students of the Millennium, Gr 4-9** **2 qtr grad credits, Self-paced distance learning** Motivate and excite students with real-world activities you can immediately use in the classroom and align with NCTM Principles and Standards for School Mathematics and Common Core State Standards. Explore a rich assortment of hands-on and interdisciplinary activities that foster critical thinking and quantitative skills. Learn to develop activity-based lesson plans that motivate students with variable interests, experiences, and abilities.	9866-**Statistics with Microsoft Excel, Part II** **3 qtr grad credits, Self-paced distance learning**SF2 Use intermediate Excel skills and the Internet to enhance instruction in the statistics classroom. Topics align with NCTM Principles and Standards and Common Core State Standards and include generating random numbers; sampling and creating number series; binomial, Poisson, and hypergeometric distributions; X2 and F-distributions and tests; one/two-sample hypothesis testing; multiple regression and correlation; two-way ANOVA; permutations, combinations, percentiles, quartiles, and rank; and summary statistics. Examine national technology standards and relevance of technology in teaching and learning mathematics and statistics. Engage in interesting real-world activities that motivate all students.
986E-**Creative Math! A Hands-On Approach to Teaching Math Through the Standards Gr 5-12** **2 qtr grad credits, Self-paced distance learning** Actively involve students while aligning your classroom to the new math standards. Bring NCTM Principles and Standards for School Mathematics and new Common Core State Standards into your classroom using real-life activities and projects. Develop activity-based lesson plans that match the learning goals identified by the math standards and integrate them across the curriculum. Engage in interesting real-world activities that can immediately be used in the classroom to teach all students.	986K-**How to Best Use Your TI-83+/84+ Calculator** **2 qtr grad credits, Self-paced distance learning**SF1 Introduce participants to a broad range of TI-83Plus and TI-84Plus graphing calculator functionalities. Gain confidence using graphing technology and learn to incorporate handheld technology in teaching mathematics. Methods align with the NCTM Principles and Standards for School Mathematics and Common Core State Standards. Engage in interesting hands-on activities you can immediately use to teach all students. Background in mathematics required. No previous calculator experience necessary.
98A7-**Quantitative Literacy Through the Standards; MS, HS, and COL** SF3 **3 qtr grad credits, Self-paced distance learning** Deal effectively and confidently with life's quantitative aspects. Develop conceptual understanding, problem-solving, decision-making, and analytical skills. Learn to use appropriate approaches and tools in formulating and solving real-world problems. Explore key mathematical ideas used in social studies, economics, science, and art. Examine a rich assortment of mathematical life-learning experiences that align with the NCTM Principles and Standards for School Mathematics and Common Core State Standards you can immediately use in your classroom. Integrate interdisciplinary units across the curriculum to teach a culturally diverse student population.	10121-**Statistics with the TI-83+/84+ Graphing Calculator, Part I** SF1 **3 qtr grad credits, Self-paced distance learning** Learn Internet and TI-83+/84+ calculator skills for the statistics classroom. Explore topics, aligned with the NCTM Principles and Standards for School Mathematics and Common Core State Standards, such as summary statistics, weighted mean, linear regression, correlation, probability computations, stat plots, binomial distribution, normal distribution, central limit theorem, and generating random numbers. Learn to practice responsible use of graphing technology. Engage in real-world activities you can immediately use to teach all students.

9865-**Multiple Intelligences and Brain-Based Learning in the Mathematics Classroom**
3 qtr grad credits, Self-paced distance learning
Using materials based on Gardner's multiple intelligences theory, review related research and apply the theory to teaching situations. Discover the instructional implications of the latest brain research and theories and how they relate to best practices for teaching mathematics. Using a large collection of field-tested activities, develop lessons that initiate the primary intelligences of each student, including special-needs students and adult learners, and create effective patterns for learning math. Combine theory and practice to create exciting and motivating mathematical experiences.

10122-**Statistics with the TI-83+/84+ Graphing Calculator, Part II SF1**
3 qtr grad credits, Self-paced distance learning
Learn advanced TI-83+/84+ graphing calculator and Internet skills relevant to teaching and learning of statistics. Explore topics, aligned with the NCTM Principles and Standards for School Mathematics and Common Core State Standards, such as generating random numbers, Poisson and geometric distributions, normal and t-distributions, one-sample confidence intervals and hypothesis testing (z- and t-test, proportions), linear and median regression analysis, and two-variable summary statistic. Learn to practice responsible use of graphing technology. Engage in interesting real-world activities you can use immediately to motivate all students.

9868-**Algebra I with the TI-83+/84+ Graphing Calculator SF1**
3 qtr grad credits, Self-paced distance learning
Learn to use the TI-83+/84+ calculator to teach mathematical concepts in basic algebra, intermediate algebra, and algebra I curriculum. Investigate the connection between multiple intelligences and technology. Engage in real-world activities that you can immediately use in the classroom to teach all students and align with Common Core State Standards. Understand scientific notation, functions and graphs, recursion, linear, quadratic and exponential growth, basic trigonometry, one-variable statistics and data plots, central tendency, data collection activities, and matrices for solving systems of linear equations.

986A-**Pre-Calculus with the TI-83+/84+ Graphing Calculator, Part I SF1**
3 qtr grad credits, Self-paced distance learning
Learn TI-83+/84+ graphing calculator skills for the pre-calculus classroom. Methods align with NCTM Principles and Standards for School Mathematics and Common Core State Standards. Engage in real-world activities you can immediately use in the classroom. Understand functions, inverses, transformations, composition of functions, absolute-value functions, polynomials, inequalities, logarithms, power and exponential functions, piecewise functions, systems of equations, trig functions and identities, periodic data, polar graphs, parametric equations, curve fitting, conic sections, complex numbers, vectors, velocity graphs, data analysis, and other topics.

96MR-**Algebra II with the TI-83+/84+ Graphing Calculator SF1**
3 qtr grad credits, Self-paced distance learning
Learn new and innovative ways to effectively teach algebra using the TI-83+/84+ calculator. Engage in real-life activities aligned with NCTM Principles and Standards and Common Core State Standards that you can immediately use in algebra I and II classrooms. Research instructional implications of technology use for teaching mathematics. Explore topics in the secondary mathematics curriculum, including functions (linear and quadratic) and relations, transformations, log and exp functions, factoring polynomials, min/max problems, data analysis, regression and correlation, stat plots, curve fitting, matrices, trigonometry, finance, polar graphs, fractals, and simple programming.

981U-**Pre-Calculus with the TI-83+/84+ Graphing Calculator, Part II SF1**
3 qtr grad credits, Self-paced distance learning
Learn to use TI-83+/84+ to teach important mathematical concepts in pre-calculus curriculum. Engage in real-world activities immediately applicable for teaching all pre-calculus students. Methods align with NCTM principles and standards and Common Core State Standards. Research national technology standards and explore instructional implications for classroom technology use. Understand step, piecewise, and composite trig functions; polar conics; hyperbolic solutions to mixture problems; log transformations; median-median regression; vectors, catenaries, vector forces, and inclined planes; rate of change and tangent lines; sequences and series; and problem-solving.

9869-**Trigonometry with the TI-83+/84+ Graphing Calculator SF1**
3 qtr grad credits, Self-paced distance learning Learn new and creative ways to effectively teach trigonometry concepts using the TI-83+/84+ graphing calculator with methods that align with NCTM Principles and Standards for School Mathematic and Common Core State Standards. Engage in hands-on activities you can immediately use in the trigonometry classroom to teach all students. Explore topics such as angle measures, solutions of right and oblique triangles, trig and circular functions and their graphs and inverses, trig identities and equations, polar graphs, linear and angular velocity, complex numbers, data analysis, and modeling.

98DD-**Environmental Studies with Math Applications; MS, HS, and COL**
3 qtr grad credits, Self-paced distance learning
Explore the interdisciplinary connection between math and environmental studies. Use real-world data and research to develop analytical and quantitative skills and gain confidence interpreting current environmental trends. Discuss global warming, CFC production, carbon dioxide emissions, greenhouse gases, pollution, recycling, endangered species, tornadoes, volcanoes, and severe weather. Discover real-world activities, aligned with the NCTM Principles and Standards for School Mathematics and Common Core State Standards, you can immediately use in the classroom. Create exciting lessons and implement meaningful activities that motivate students with variable interests, experiences, and abilities.

97VN-**College Algebra with the TI-83+/84+ Graphing Calculator SF1**
3 qtr grad credits, Self-paced distance learning
Learn TI-83+/84+ calculator skills for college algebra. Methods align with NCTM Principles and Standards for School Mathematics and Common Core State Standards. Research national technology standards and explore instructional implications for technology use. Engage in real-world activities you can immediately use to teach all students. Understand real and complex numbers; relations, functions, and inverse functions; linear and quadratic higher-degree polynomials; rational, absolute value, piecewise functions and their graphs; linear and non-linear inequalities; composite functions, exp and log functions; matrices; conic sections; sequences and series; finance, modeling, and problem-solving.

10285-**Business Statistics: Data Analysis with Microsoft Excel, Part I SF2**
3 qtr grad credits, Self-paced distance learning
Learn to effectively use spreadsheet functions and data analysis tools of Microsoft Excel to analyze, summarize, and interpret quantitative and qualitative business data. Develop skills to put information and data to work to make informed business decisions. Engage in hands-on activities you can immediately use to teach all students. The following topics are covered: Spreadsheet basics; graphs, charts, and plots; frequency tables; descriptive and summary statistics; percentiles, quartiles, and ranking; combinations, permutations, and binomial probabilities. Methods align with ISTE National Educational Technology Standards.

986C-**Science and Math Through the Standards; HS & COL**
3 qtr grad credits, Self-paced distance learning Increase student understanding of science and math concepts. Explore a variety of inquiry-based, hands-on life, physical, health, and earth science activities designed to motivate a diverse student population. Stimulate students with varied interests, experiences, and abilities by implementing real-world activities in their environments to help them achieve higher science and math competency. Using the national science standards, NCTM Principles and Standards for School Mathematics and Common Core State Standards as frameworks for instruction. Acquire skills to implement the inquiry approach to teaching math and science.

9864-**Science and Math Through Multiple Intelligences and Brain-Based Learning; MS, HS &COL**
3 qtr grad credits, Self-paced distance learning
Discover instructional implications of the latest brain research/theories and their relationship to best practices for teaching inquiry-based science and mathematics. Review Gardner's multiple intelligences theory and apply to your teaching. Develop lessons that initiate each student's primary intelligences and create effective patterns for learning in the science and math classroom through a rich assortment of real-world activities in life science, physical science, health science, and earth science. Combine theory and practice to create exciting and motivating life-learning experiences for today's young students and adult learners.

Self-Paced Online Courses - CI 810 Prefix – 3 Qtr Grad Credits

NEW! 10546-**Algebra I with TI-Nspire Technology**
3 qtr grad credits, Self-paced distance learning
TI-Nspire technology is a powerful tool for cultivating algebraic reasoning skills. Explore classroom-ready Algebra I activities to teach all students and align with Common Core State Standards. Topics covered are scientific notation, functions and graphs, linear, quadratic and exponential growth, basic trigonometry, one-variable statistics and data plots, central tendency, data collection activities, and matrices for solving systems of linear equations. Evaluate and reflect on current TPACK research to make effective use of technology in support of student learning.

9A8T-**Prepare Your Students for the Math College Placement Test**
3 qtr grad credits, Self-paced distance learning
Learn tools to help college-bound students prepare for the math college placement test (CPT). Gain insight into current assessment and placement practices at community colleges, colleges, and universities; the various types of CPTs currently used; and remediation trends and their impact on students' educational advancement. Identify content knowledge required to gain access to college-level math, discover the challenges students face during test taking, and learn strategies to improve students' outcomes. Design an action plan to help students of diverse educational and multicultural background improve their college success.

Structured Online Courses – CI 810 Prefix – 5 Qtr Grad Credits

10134-CI810: **Topics in College Algebra and Graphing Technology SF1** **5 qtr grad credits, Structured online course** Strengthen understanding of mathematics and use technology as a means to enhance the construct of mathematical knowledge. Research current pedagogical approaches and implications of teaching mathematics with handheld technology. Examine and critique lesson design units for topics such as linear functions, quadratic, polynomial functions, exponential and logarithmic functions; curve fitting; and matrices. Design instructional units that foster development of analytical skills and increase problem solving ability of all college algebra students. Content is aligned with ISTE National Educational Technology Standards. **Prerequisites:** Basic computer and TI83/84Plus graphing calculator skills are required.	10213-CI810: **Statistics and Technology Integration SF2** **5 qtr grad credits, Structured online course** Acquire skills and knowledge to teach and learn in the digital age. Use modern technology as a means to improve the construct of statistical knowledge. Analyze current mathematics education research on pedagogical approaches to teaching and learning statistics using handheld and spreadsheet technology. Examine and critique lesson design units for topics such as descriptive statistics, probability distributions, linear regression and hypothesis testing. Design instructional units that foster development of analytical skills and increase problem solving ability of all statistics students. Content aligned with ISTE Standards. **Prerequisites:** Basic computer, Microsoft Excel and TI83/84Plus graphing calculator skills are required.
10273-CI810: **Topics in Trigonometry and Graphing Technology SF1** **5 qtr grad credits, Structured online course** Deepen understanding of trigonometry concepts and use graphic technology as a means to improve the construct of mathematical knowledge. Analyze current mathematics education research on pedagogical and andragogical approaches to teaching and learning with technology. Examine and critique lesson units for topics such as basic and composite trig functions, trig identities, polar graphs, and periodic modeling. Design lessons that foster development of analytical skills and increase problem solving ability of all students. Content aligned with ISTE National Educational Technology Standards. **Prerequisites:** Basic computer and TI83/84Plus graphing calculator skills are required.	**10271-**CI810: **Mathematical Modeling and Digital Learning SF1** **5 qtr grad credits, Structured online course** Apply algebraic concepts to develop mathematical models and deepen understanding of mathematical content knowledge. Emphasis is on non-linear models, supported by use of graphic technology, and effective communication of quantitative concepts and results. Analyze current mathematics education research on teaching and learning with ICT. Examine and critique existing instructional units for topics such as logarithmic, log-linear, exponential, hyperbolic, power, periodic and parametric models and design effective learning environments and experiences for all students. Content aligned with ISTE National Educational Technology Standards. **Prerequisites:** Basic computer, Microsoft Excel and TI83/84Plus graphing calculator skills are required.
10272-CI810: **Topics in Analytic Geometry & Calculus and Graphing Technology SF1** **5 qtr grad credits, Structured online course** Deepen understanding of analytic geometry and calculus concepts and use technology as a means to improve the construct of mathematical knowledge. Analyze current mathematics education research on the complex relationship between technology, pedagogy and mathematical content within the framework of TPACK. Emphasis is on recursive, piece-wise, and absolute-value functions, parametric equations, conics, rate of change, vector forces, derivatives, and Riemann sum. Examine and critique existing lessons to design effective learning environments and experiences for all students. Content aligned with ISTE Standards. **Prerequisites:** Basic computer and TI83/84Plus graphing calculator skills are required.	**10270-**CI810: **Linear Regression Models and Modern Technology** **5 qtr grad credits, Structured online course** Acquire skills and knowledge to teach and learn in the digital age. Use graphic calculator and spreadsheet technology as a means to improve the construct of mathematical knowledge. Analyze current mathematics education research on ICT-Assisted PBL. Examine and critique lesson design units for topics such as linear, piece-wise linear, log-linear, multiple and median-median regression, correlation and multicollinearity. Develop new learning practices that foster development of analytical skills and increase problem solving ability of all students. Content aligned with ISTE Standards. **Prerequisites:** Basic computer, Microsoft Excel and TI83/84Plus graphing calculator skills are required.
Prerequisites for CI 810 Courses: Participants must hold a Bachelors Degree in Mathematics or Mathematics Education or Strong Background in Mathematics.	

Other Info

Transcripts: Courses are prefixed CI 808 or CI 810 on the transcript from Portland State University, OR.

Graduate Credit: Graduate credit is available for each course through Portland State University, OR. The total cost varies by number of credit hours.

Credit Equivalency: Quarter graduate credits transfer to semester hours according to the institution's semester equivalency. Most colleges/universities/districts convert quarter graduate credits to semester graduate credits using a factor of 2/3, i.e. 3 quarter graduate credits are equivalent to 2 semester graduate credits.

Enrollment is limited to 8 credits per term unless officially admitted to PSU (except Summer term when enrollment is limited to 16 graduate or 21 undergraduate credits). See www.pdx.edu for more information.

Course Design

CI808/810 2 and 3 Qtr Grad Credit COURSES - Self-Paced and Online

Scope: Project-Based with Minimal Research

- Focus is on real-life, hands-on projects you can immediately use in your classroom.
- Perform some research.

- Continuous enrollment, i.e. sign up any time, and complete within ONE year.
- Gain the knowledge you need to meet the challenges of your classroom at your own pace and on your own schedule.
- Curriculum does NOT require any presentation or application of the material in the classroom while taking the course.
- All assignments can be completed on your own and outside the classroom.
- If questions arise, the facilitator is only an email or a phone call away.

CI810 5 Qtr Grad Credit COURSES – Self-Paced and Online

Scope: Research-Based with Some Project Applications

- Focus is on mathematics education research and present findings via scholarly research papers.
- Complete, examine and critique existing hands-on projects.

- Complete within ONE year.
- Delivery is fully online.
- Submit assignments anytime between start and end date.
- Courses provide a highly interactive learning environment.
- Asynchronous student/student and student/teacher interaction.

Cost

	2 Qtr Grad Credits	3 Qtr Grad Credits	5 Qtr Grad Credits
Tuition	**$355**	**$440**	**$660**
Grad Credit Fee	**$120**	**$180**	**$300**
Special Fee SF	SF1 **$40** TI Textbook, SF2 **$50** Excel Textbook, SF3 **$40** Quant Lit Textbook		

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FAQ

Question 1: Are you an accredited institution?

Courses are offered cooperatively by Portland State University (PSU) and Adventures In Education, Inc. Graduate credit is available through PSU, OR. PSU is accredited through the Northwest Association of Schools & Colleges: The credit for continuing education programs has been awarded by the Graduate School of Education at PSU. For information on accreditation, please refer to the website www.ed.pdx.edu/gse_info.html, which addresses the accreditation by the National Council for Accreditation of Teacher Education and by the Oregon Teacher Standards & Practices Commission.

Question 2a: How do I register?

Registration for all courses is through Adventures In Education (see www.adventures-in-education.com).

Registration Options:
(a) Online registration: We offer online registration. Visit www.adventures-in-education.com, click on 'Graduate Courses' and then 'Registration'. Follow the directions provided to complete your registration.
(b) Registration via phone: You can also sign up by calling 630-877-4006 and pay with a credit card.

NOTE: PSU ID#: If this is your first time taking a course with PSU you will not need a PSU ID#. If you have taken a course with PSU in the past, then you should have received a letter with your PSU ID# from Portland State University. However, if you do not know your PSU ID#, your date of birth will suffice for registration.

Upon receipt of your registration information, we will send course info to the email address provided on the registration form.

District Purchase Order (PO) or Voucher:
We accept Purchase Orders (PO) and district vouchers for payment. Please contact us at eknowlton@adventures-in-education.com or 630-877-4006 prior to registering.

Question 2b: Why pay Graduate Credit Fee?

With respect to registration, you have two options:

(a) If you register **WITH** graduate credit:
Grade: An **Official Transcript** from Portland State University can be requested upon completion of course.
Receipt: You can request a receipt for payment from Adventures in Education.
Payment: Submit payment for tuition and special fee to Adventures In Education. We will submit your registration to PSU. PSU will send an electronic bill for the graduate credit fee to the email address you provided on the registration form. Submit payment of grad fee to PSU.

(b) If you register **WITHOUT** graduate credit:
Grade: You will receive a Letter of Completion as well as a **Certificate of Completion** from **Adventures In Education**, which states the course, grade, clock hours, and term course was taken. The number of hours can be used as professional development, i.e. clock hours, PDP's, CEU's etc.:
1 quarter grad credit is equivalent to 10 clock hours, thus:
2 quarter grad credits = 20 clock hours
3 quarter grad credits = 30 clock hours
5 quarter grad credits = 50 clock hours.
Note: An official transcript will not be available through PSU, only a certificate of completion from Adventures In Education listing the clock hours.

Question 3: When will PSU send a bill for the graduate credit fee?

PSU generally waits until the end of the quarter to send an electronic bill for the graduate credit fee to the email address you provided on the PSU registration form.

Question 4: Credit Applicability

CI808/810 Courses:
Teachers generally apply the graduate credit toward lane credit and advancement on the salary scale, promotions within their school or toward teacher recertification. All CI808/810 courses are approved by Portland State University by the Graduate School of Education through the Curriculum and Instruction Department, NOT the Math department. Due to the variation in requirements among colleges/school districts, it would be best if you contacted the appropriate individual at your school district/college to confirm the application, transfer and conversion of credits. This will assure that all questions are answered to your and your school's satisfaction.

Question 5: Credit Conversion

Most colleges/universities convert quarter graduate credits to semester graduate credits using a factor of 2/3, i.e. 3 quarter graduate credits are equivalent to 2 semester graduate credits. We STRONGLY suggest that you contact the appropriate individual at your school/college to confirm the transfer and conversion of graduate credits. This will assure that all questions are answered to your and your school's satisfaction. Note: 1 quarter grad credit is equivalent to 10 contact hours.

Question 6: How many classes can I take at the same time?

Enrollment is limited to 8 quarter graduate credits per term unless officially admitted to PSU (except Summer term when enrollment is limited to 20 quarter graduate credits). See www.pdx.edu for more information.

Question 7: What are Self-Paced Distance Learning and Online Courses?

- A flexible way to gain the knowledge you need to meet the challenges of your classroom at your own pace and on your own schedule.
- Students receive self-paced instruction in the form of lessons and guided learning materials without in-person or moderated online delivery.
- Continuous enrollment, i.e. sign up any time, and complete within ONE year.
- Curriculum does NOT require any presentation or application of the material in the classroom while taking the course.
- All assignments can be completed on your own and outside the classroom.
- If questions arise, the facilitator is only an email or a phone call away.

Question 8: What are Structured Online Courses?

- Time-to-complete is ONE year.
- Delivery is fully online.
- Submit assignments anytime between start and end date.
- Courses provide a highly interactive learning environment.
- Asynchronous student/student and student/teacher interaction.

Question 9: Course Transcripts

Official transcripts are available from Portland State University upon completion of the course.
Courses appear on transcript as follows:
For example, course '96MR: Algebra II with the TI-83+/84+ Graphing Calculator' will appear as 'CI 808: WKSP: TI-83+ Algebra II' on the transcript from PSU.

Question 10: How long does it take to complete a class?

From time of registration you are allotted ONE year to complete the course. The average time to complete a 2 quarter credit hour course is 20-25 hours, 30-40 hours for a 3 credit hour course and 50-60 hours for a 5 quarter credit hour course.

Question 11: When are courses offered?

Courses are offered every quarter. See www.adventures-in-education.com for details.

Question 12: Prerequisites and other requirements?

Prerequisites: A bachelor's degree from an accredited institution.
There are no other prerequisites or requirements except completion of the course within the specified time frame. No meetings are scheduled at the PSU campus for any of our courses as they are distance learning courses. The curriculum of our courses does not require any presentation or application of the material in the classroom while taking the course. All assignments can be completed on your own and outside the classroom.

Question 13: Do you offer a Degree?

Our courses are in conjunction with a Masters Degree and PSU accepts 15 quarter grad credits of our courses toward this degree. For more information see http://www.pdx.edu/ci/curriculum-and-instruction-masters-degree-program-formats-online.

Portland State University also offers a variety of degrees including specialists. Please feel free to contact PSU via phone 1-503-725-8279 for more information or access the PSU website www.pdx.edu.

Eastern Oregon University also accepts credit earned via our courses toward a Masters Degree. For more information see http://www.eou.edu/

Question 14: Is Financial Aid Available?

Fed Financial Aid is only available for course work used toward a degree or endorsement or license, and the student has to be officially admitted to PSU. Please contact PSU via phone 1-503-725-8279 or access the PSU website www.pdx.edu for more information.

Question 15: About the Instructor and AIE

Adventures In Education (AIE) is an organization dedicated to the advancement of excellence in teaching and is approved by Portland State University as a cooperative agency. Our primary objective is to provide unique distance learning courses that enable professional educators to apply immediately the skills they acquire. The approach taken is new, unique, and extremely effective.

Liz Knowlton, the facilitator for all courses, is a faculty member at Portland State University. She received her BS in Mathematics and MS in Mathematics with Emphasis in Statistics from Northern Illinois University, and her PhD from Northcentral University. She has over 20 years teaching experience at the college level.

Liz also taught a variety of workshops for elementary and secondary teachers for Professional Development and provided In-Service training for elementary and secondary teachers for school districts in the Chicago area as well as volunteered at the local grade school. Over the years she attended numerous elementary, secondary and post secondary school mathematics workshops/courses and authored several books.

Other accomplishments: Passed Actuarial Exams 100, 110, and 120; Bilingual German/English; Actuarial Analyst for Allstate Re and Statistical Consultant for Abbott Laboratories.