Tuition

Challenge tuition is $224.40 per course, which includes a 2% credit card fee; the same course taught on campus is $929.

Students who upload documentation of financial need at the time of registration (free/reduced lunch eligibility or counselor/administrator verification letter) pay $51.00 per course, which includes a 2% credit card fee. The same document must be uploaded in subsequent registration periods.

Registration

Enroll online at pdx.edu/challenge-program. Our online registration system will require a valid email address. Important registration information will be sent directly to the student via email. If you don’t receive an email within 2 days, check your spam and trash folders.

Payment is by credit card only. If you don’t have a credit card, you can use a prepaid Visa or MasterCard.

Registration, drop, and withdrawal deadlines are listed on the back of this brochure.

Program deadlines must be met. There are no refunds.

Questions? Email The Challenge Program at challengeprogram@pdx.edu

FALL REGISTRATION – Oct 1st Deadline

<table>
<thead>
<tr>
<th>Course</th>
<th>Drop</th>
<th>Withdraw</th>
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</thead>
<tbody>
<tr>
<td>MTH 251 Calculus I</td>
<td>Nov 7</td>
<td>Dec 5</td>
</tr>
<tr>
<td>MTH 253 Calculus III</td>
<td></td>
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<tr>
<td>STATS 243 Stats I</td>
<td></td>
<td></td>
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<tr>
<td>CS 161 Intro Programming</td>
<td>Dec 12</td>
<td>Apr 2</td>
</tr>
<tr>
<td>CS 162 Intro to Comp Sci</td>
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<tr>
<td>WR 121 College Writing</td>
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WINTER REGISTRATION – Feb 18th Deadline

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>MTH 252 Calculus II</td>
<td>Mar 19</td>
<td>Apr 16</td>
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<tr>
<td>MTH 261 Linear Algebra</td>
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<tr>
<td>STATS 244 Stats II</td>
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</tbody>
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PSU is an affirmative action/equal opportunity institution
PSU’s Challenge Program

Challenge is Portland State University’s nationally accredited dual credit program, offering college courses in area high schools for over 40 years. Our mission is equivalency of experience to the campus course, academically as well as culturally. Challenge courses are rigorous and exceed regular high school programming, which promotes transferability of credit. As with our on-campus students, we require a 3.0 cumulative GPA for participation. This is to help ensure students are prepared for the rigor and college expectations in our classrooms, and that this early college experience is both a successful and authentic one.

Credit and Credit Transfer

Challenge credit transfers nationally to many institutions and all state universities. We also have successfully argued for credit transfer at institutions with restrictive dual credit policies. It is important for our students to be their own advocates as well. Save your work, be willing to demonstrate your learning and most importantly, research dual credit policies in order to make informed decisions about your college choices. We recommend you ask visiting college recruiters about their credit transfer policies. Finally, we want to remind you that credit can transfer as direct credit, or be recognized indirectly as advanced placement or a prerequisite waiver, all of which save time and money.

Courses mapped to Semesters

The courses listed below are taught in a sequence of two that aligns to the high school semesters. Students register and pay twice a year.

Calculus (4, 4 credits)
$220 per course ($440 total). McNamee
MTH 251 - Calculus I - Differential calculus of functions of a single variable, including limits, the definition and computation of the derivative, and applications of the derivative. **Prerequisite:** Completion of MTH 112 with a grade of C- or above.  
MTH 252 - Calculus II - Integral calculus of functions of a single variable, including the Fundamental Theorem of Calculus, numerical integration and applications. **Prerequisite:** MTH 251.

Calculus III (4 credits)
Fall semester only. $220. McNamee
MTH 253 - Calculus III. Infinite series, parametric equations, polar coordinates, conic sections, vector geometry, and the calculus of vector valued functions. **Prerequisite:** MTH 252.

Introduction to Linear Algebra (4 credits)
Winter semester only. $220. McNamee
MTH 261 Introduction to Linear Algebra. Systems of linear equations, linear transformations, matrix algebra, vector spaces, and determinants. **Prerequisite:** MTH 251

Introduction to Probability and Statistics (4, 4 credits)
$220 per course ($440 total). Berti
STAT 243 - Stats I, STAT 244 - Stats II
A basic sequence in statistical analysis including presentation of data probability, probability distributions, sampling distributions, estimation, tests of significance, experimental design and analysis of variance, regression and correlation, nonparametric statistics, selected topics, applications, and use of statistical computer packages. **Prerequisite:** high school precalculus.

Courses mapped to Academic Year

These courses are taught as year-long courses. Students register and pay once for each course.

WR 121 College Writing (4 credits)
$220. Brunson, Larson, Yi.

Computer Science

CS 161 Introduction to Programming and Problem-Solving (4 credits) $220. Galbraith
Introduction to fundamental concepts of computer science. Problem solving, algorithm and program design, data types, loops, control structures, subprograms, and arrays. Learn to write programs in a high level programming language. Surveys current social and ethical aspects of computer science. **Recommended prerequisite:** MTH 111.

CS 162 Introduction to Computer Science (4 credits)
$220. Galbraith
Teach syntax of CTopics include conditionals, I/O, files, functions, classes, pointers, dynamic memory, linear linked lists, and multi-dimensional arrays in C++, as well as program correctness, verification, and testing. PSU proficiency lab testing administered by PSU faculty. **Prerequisite:** CS161 or prior programming experience equivalent to CS161.