

HIT THE GROUND RUNNING AT Missouri S&T

What is HGR? Hit the Ground Running is a three week summer learning program that offers new students an exciting perspective on learning that will sharpen and enhance their academic skills. This program is an excellent opportunity for incoming students to learn about coursework expectations, campus life, and community involvement at Missouri S&T. Participating students will take courses in Chemistry, Mathematics and English for a 3 hour course credit, learn about research and leadership opportunities, and participate in team building activities and field trips. The experience helps students develop leadership skills, make new friends and develop constructive strategies for succeeding academically at Missouri S&T.

What's in it for you? By joining HGR, you will get an advanced start on your freshman year by taking courses in Chemistry, Mathematics, and English for a 3-hour course credit. You will be engaged in teamwork activities as you become acquainted with the university and the Rolla community. As you participate in leadership, academic & social activities you will make new friends and be challenged to develop and implement constructive strategies for your success at Missouri S&T. Join HGR and:

- Become acquainted with Missouri S&T
- Learn about the campus and community
- Take courses for a 3-hour course credit (Or select audit/hearer, pass/fail option)
- Discover leadership opportunities
- Enhance skills and strategies that will ease your transition to Missouri S&T
- Increase your personal leadership potential
- Learn about research related to current students and peers
- Participate in team building activities
- Preview the pace and intensity of college courses
- Have Fun!!!

Comments from Previous Students:

- HGR is a good program to take advantage of. It will improve your grades!
- HGR provided insight on real expectations.
- HGR provides an opportunity to learn to study.
- The program provided a great introduction to time management.
- You have an opportunity to meet and make new friends before school starts in the fall!

Students have the option of participating in HGR for a grade or may choose another option. Students taking HGR for 3 semester credit hours will generate a Missouri S&T grade point average based on the grade received in the course, which will become a permanent part of their academic record. The credits earned would be general electives not specific to a particular degree program.

Join us for a Challenging and Fun Summer!

For more information contact:

The Office of Undergraduate Studies / 209 Norwood Hall / 573-341-7276;

Or visit: <http://uqs.mst.edu/hgr.html>

What are you going to do?

Students will participate in writing, chemistry and mathematics classroom lectures taught by a team of Missouri S&T's outstanding educators. Due to their excellence teaching experiences, the lecturers for these courses will place students on a level of academic understanding that is beyond previous experiences. Students will be introduced to writing, chemistry and math principles and their application to current-day issues. They will discover how they may participate immediately in technical discovery through discussions on research and problem-solving. Each course will emphasize strategies for achieving course learning objectives.

Introduction to University Writing

This course will provide an overview of university-level fundamental writing principles. Classroom lectures and learning objectives will be based on the application of present-day written communication requirements.

Introduction to University Chemistry

A comprehensive study of the general principles of chemistry will be presented with emphasis on chemical nomenclature, periodicity of the elements, chemical reactions, and reaction stoichiometry, chemical bonding and applications.

Introduction to University Mathematics

The mathematics course will review pre-calculus topics including algebra, trigonometry, analytic geometry and probability theory. Applications from a variety of fields and group problem-solving will be emphasized. In addition to reviewing basic concepts, students will be exposed to the demands of Missouri S&T's-level mathematics courses. They will gain an appreciation of the ways mathematics is used in engineering and science. Small group recitation sections will be used to support course content learning, with special focus on strategies for studying to achieve course objectives.

Academic and Leadership Development

Students will engage in dynamic teamwork activities designed to assist in the acquisition of critical academic skills and the development of strategies that support a successful transition to the Missouri S&T's environment. Specific activities include student team development, the utilization of academic resources, mentor groups, and student involvement in campus life and the Rolla community.

Dates: HGR is a three week program offered over the summer before the students begin classes in the fall of 2009. HGR will take place **July 5- 24, 2009**.

Estimated Costs: Total estimated costs are approximately \$1,850.00, including \$950 in course fees, \$675 for housing and \$225 for books. (The cost of the course covers three hours of general academic credit and includes Student Activity and Health Service fees. Out-of-state fees will be waived for non-Missouri residents. The housing fee includes room and board in TJ Hall.)

Tentative Daily HGR Schedule:

8:00 - 9:00	Chemistry Lecture (M-F)
9:00 - 10:00	Math Lecture (M-F)
10:00 - 11:00	Writing (M,W,F) Writing Tutor (T/TH)
11:00 - 1:00	Lunch
1:00 - 2:00	Academic, Leadership Activities, & Study Skills (T/TH)
2:00 - 4:00	Supervised Study
4:00 - 6:00	Dinner, free time, study, academic skills & leadership development, mentor group time.
6:00 - 8:00	Supervised Study

Weekend Activities: Plant tours, bowling, career fair, movies, pool time, picnics.

To Register:

**Apply for
Arts & Sciences 110
(Course #: 70554)**

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