

MATH 1800: CALCULUS II (autumn)

MWF: 1:30 — 2:40

WHERE: Westerville Alternative Education Center:
360 South Otterbein Avenue

A continuation of Calculus I, this fourteen week course will include techniques of integration, applications of integration, a brief introduction to differential equations, sequences and series, power series, Taylor series, and binomial series. Textbook: James Stewart's *Calculus – Early Transcendentals*, 6e Edition, Brooke/Cole, 2008.

ELIGIBILITY

Students with a score of 4 or 5 on the Advanced Placement Calculus AB exam are eligible. Those with a score of 3 must seek permission of the professor.

MATH 2700: MULTIVARIABLE CALCULUS (spring)

MWF: 1:30—2:40

A continuation of Calculus II, this fourteen week course will include parametric equations and polar equations of curves, three dimensional analytic geometry, vectors, limits, continuity, partial derivatives, multiple integrals, and elements of vector calculus. Textbook: James Stewart's *Calculus – Early Transcendentals*, 6e Edition, Brooke/Cole, 2008.

ELIGIBILITY

Students with C- or better in Math 1800.

Students completing each course may order an official academic transcript from the Otterbein Registrar's Office after final grades have been recorded. This course is generally offered at most accredited colleges and universities in the United States. It is likely to be accepted in transfer, but Otterbein suggests you check with the Registrar at the other institution to be sure and also inquire as to a required minimum passing grade.

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2012-2013 Course Offerings*

General Information

Eligibility:

Students with a 3.0 High School G.P.A. and recommendation of Principal or Guidance Counselor. Please see the information for the calculus courses, as they have additional requirements.

When: August 27– December 13 (14 weeks, plus exam week)

Credit: Each course offered is four (4) semester credit hours.

Cost: \$400 (\$100 per credit hour) Course books and materials extra

For more information and/or to enroll, contact Mark Moffitt, Director of Transfer and Adult Admission at 614.823.1108 or mmoffitt@otterbein.edu

In addition to enrolling at Otterbein University, students must inform their High School Guidance Counselor of their interest in any Otterbein course. For scheduling purposes, please inform your guidance counselor by March 21st.

A course enrollment of 10 or more Westerville high school students may result in the course being offered at a WCS location. In this instance, the time the course meets may be adjusted.

***These offerings reflect courses that will not be offered by WCS for the 2012-13 school year. Please note that all courses offered by Otterbein will be available to WCS students at the rate of \$100/credit hour.**

Sociology 1000

MWF 10:30—11:30

This introduction to the discipline of sociology presents basic concepts such as the structure, culture, and organization of societies. Students are introduced to the interaction of major social institutions such as family, education, politics, religion, economy and work, and health and medicine. The presence of inequality in class, race, gender, age, and sexual orientation

Theatre 3510 (autumn)

MWF 10:30—11:30

3510 studies the historical evolution of dramatic forms, the physical theatre, staging, and theatre personalities from the classical theatre of Greece to 1900.

Theatre 3520 (spring)

MWF 10:30—11:30

3520 studies the historical evolution of theatre from 1900 to the present. The course emphasizes the evolution from realistic to anti-realistic forms. Please note that 3510 is not a prerequisite to 3520.

1000 and 1100 Level World Language Courses will be offered in Spanish and Chinese

Spanish course placement will be determined by Otterbein University.

Spanish 1000: Elementary Spanish I (autumn)

MWF 9:15—10:15

TR 8:00—9:30

MWF 10:30—11:30

Chinese 1000: Chinese I (autumn)

MWF: 2:15—3:15

The 1000 level of these World Language courses is for students with little knowledge of the language. Through partner and group work, readings, films, internet exploration, online exercises and modules, and brief writing assignments, students will develop and practice the four skills—speaking, listening, reading, and writing—and will be introduced to the culture in the WL speaking communities.

Spanish 1100: Elementary Spanish II (autumn)

TR 9:45—11:15

MWF 9:15—10:15

TR 6:00—7:30**

MWF 10:30—11:30

Chinese 1100: Chinese II (spring)

MWF 2:15—3:15

The second semester of an introduction to the language and culture of the WL. Students will deepen their understanding of the foundations of the language, with the goal of achieving an intermediate level of proficiency. This course will continue to engage students with partner and group work, readings, films, internet exploration, online exercises and modules, and brief writing assignments, designed to deepen competency with speaking, listening, reading, and writing. This course will also increase students' knowledge of the culture, history, and politics.

****This is a hybrid section that will most likely meet one evening per week, as it mixes face-to-face and online instruction.**