5 days of fun,
plus 1.5 college units!

at
DIABLO VALLEY COLLEGE
SUMMER CAMPS
FOR HIGH SCHOOL STUDENTS

June 17 - 21
(60 students limit)

engineering, construction,
and manufacturing camp

June 24 - 28
(30 students limit)

culinary and hospitality
summer camp

Registration for the engineering summer camp is available at
http://cococostemsummercamps.org

Registration packets for the culinary camp will be available in May.
Interested? Contact...

Vickie Brown at vbrown@dvc.edu for the Engineering Camp
Judy Moon at jmoon@dvc.edu for the Culinary Camp

DVC
DIABLO VALLEY COLLEGE
321 GOLF CLUB ROAD, PLEASANT HILL, CA 94523  WWW.DVC.EDU
Are you in high school and interested in architecture and engineering?

Earn college credit during the 2013 summer and fall at Diablo Valley College (DVC)!

Courses will be offered on the Pleasant Hill campus and will begin the week of June 17th and end the week of July 25th unless otherwise noted.

**Architecture 120: Introduction to Architecture, 3 units**
Monday – Thursday, 10:30 a.m. - 2:45 p.m.
Section #: 3830  Room #: ET 122A, ET 116  Instructor: Masuda, S
Introduction to the professional field of architecture, architectural design and planning. Investigation and evaluation of the architectural environment with identification and utilization of a creative design process. Study of the use of line, shape form, texture, light, color, scale, and structure in relation to the creation of architectural space. CSU, UC

**Architecture 160: American Architecture History, 3 units**
Tuesdays and Thursdays: 5:30-9:45 p.m.
Section #: 8830  Room #: ET 112  Instructor: Abbott, D
A survey of American architectural history from Native American dwellings to the present, utilizing lectures, slides, and field trips.
Course covers the architectural influence of immigrant groups from multiple cultural and ethnic backgrounds as well as the influences of architectural design movements through the course of history. CSU, UC

**Architecture 150: Grasshopper, 1 unit**
Saturdays, 10:30 a.m. - 3 p.m.
Section #: TBD  Room #: TBD  Instructor: Polyakova, T
Introduction to Grasshopper 3D for generation of complex three dimensional architectural forms in Rhinoceros 3D modeling software. Course covers basic scripting and management of data within the Grasshopper 3D environment. Course will conclude with a physical model generated in Grasshopper 3D to be fabricated using the campus laser cutter and assembled on campus for display.

**Architecture 150: Robotics Design Studio, 1 unit**
Monday through Thursday, 12:45 - 2:45 p.m.
Section #: TBD  Room #: ET 120A  Instructor: TBD
Design studio exploring robotics, architecture and engineering to design and build kinetic structures. Students will work with Arduino microprocessors utilizing servos, sound and light sensors to control scale models and allow them to respond to changes in the environment.

**Engineering 110: Introduction to Engineering, 3 units**
Monday - Thursday, 8:15 - 9:30 a.m., 9:45 a.m. - 12:30 p.m.
Section #: 3850  Room #: ET-117, ET-116  Instructor: Avanessian, G
Introduction to different engineering disciplines and careers, the role of an engineer in society, engineering ethics, the engineering approach to problem-solving, engineering design process and project development, engineering analysis, concurrent engineering, and application of computers in engineering including design and presentation tools. The emphasis is on hands-on creative problem-solving, teamwork, and effective communication. CSU, UC

**Fall 2013 semester**

**Architecture 127: Introduction to Revit, 3 units**
*To be held in the fall semester 8/17 – 10/19 (No class on 8/31) 9 Weeks
Saturdays, 11 a.m. - 3 p.m.
Section #: TBD  Room #: ET 124  Instructor: TBD
This course is an introduction to Revit software and covers fundamentals of the Revit operating environment, file structure, organization and creation of three-dimensional and two-dimensional construction models and documents. CSU, UC

To register, high school students must submit a special admission recommendation form with required high school, parent and student signatures. In person registration begins May 29 for high school students who will be in 11th and 12th grade during the 2013-14 academic year. Questions? Contact Vicki Brown, Career Pathways Coordinator at vbrown@dvc.edu or 925- 685-1230 X2674 or Daniel Abbott, Department Chair at dabbott@dvc.edu.