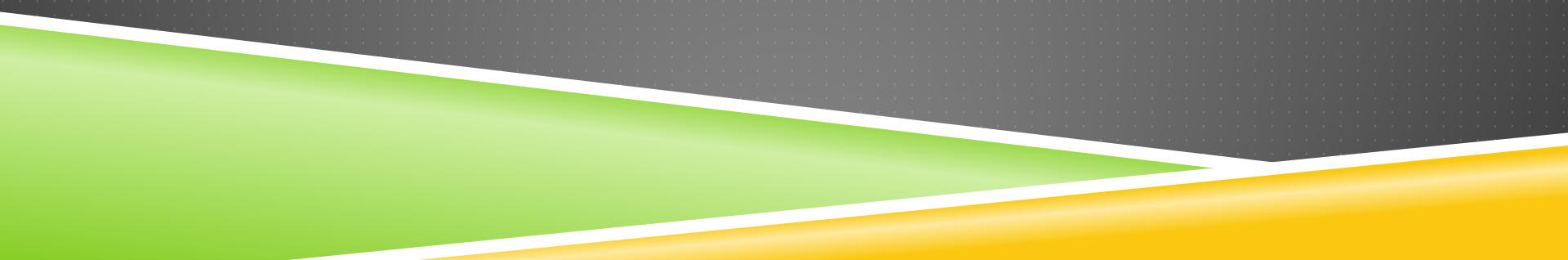


# VIRTUAL INSTRUCTION PROGRAM (VIP) PLANNING AND PREPARATION

Hermiston School District – December 2011

A decorative graphic at the bottom of the slide consisting of a green trapezoidal shape pointing downwards, which is partially overlaid by a yellow shape pointing upwards. Both shapes have a white border.

# AGENDA

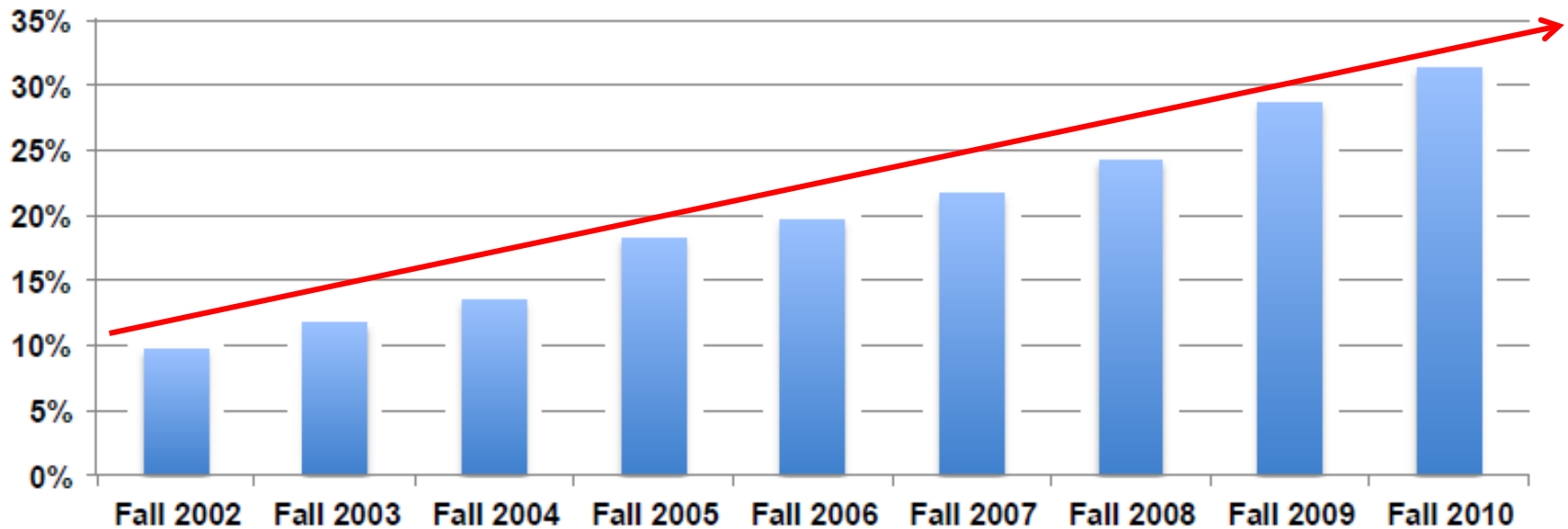
- ▶ Where is collegiate online learning headed?
  - ▶ Where is K12 online learning headed?
  - ▶ Recent Oregon legislation affecting online learning
  - ▶ State of the state
  - ▶ Current Oregon programs
  - ▶ Program Mission
  - ▶ Benchmarks and plans for Hermiston VIP
- 

# WHERE IS COLLEGIATE ONLINE LEARNING HEADED?

- ▶ In 2009 nearly 12 million post-secondary students in the United States took some or all of their classes online. By 2014, this number is expected to skyrocket to more than 22 million, according to data released recently by research firm Ambient Insight.
- ▶ A 2011 report from Marketdata Enterprises Inc. finds enrollments in online education programs account for 30 percent of all post-secondary education enrollments
- ▶ By 2015, the study predicts that 37 percent of all post-secondary enrollments will be in online programs.

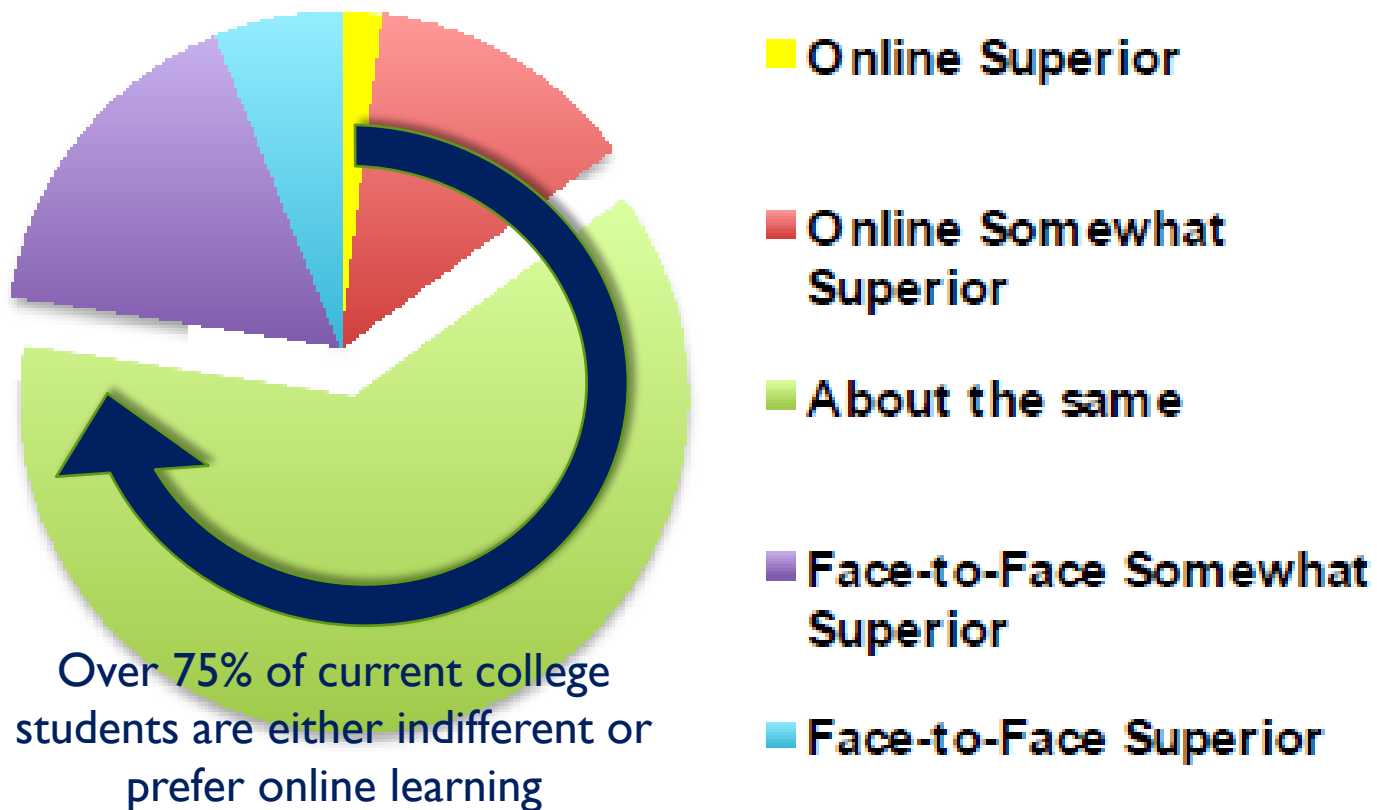
# COLLEGIATE ENROLLMENT TRENDS

**ONLINE ENROLLMENT AS A PERCENT OF TOTAL ENROLLMENT -  
FALL 2002 THROUGH FALL 2010**



# HOW DO THE STUDENTS FEEL ABOUT ONLINE LEARNING?

## PERCEIVED STUDENT SATISFACTION IN ONLINE AND FACE-TO-FACE COURSES - FALL 2011

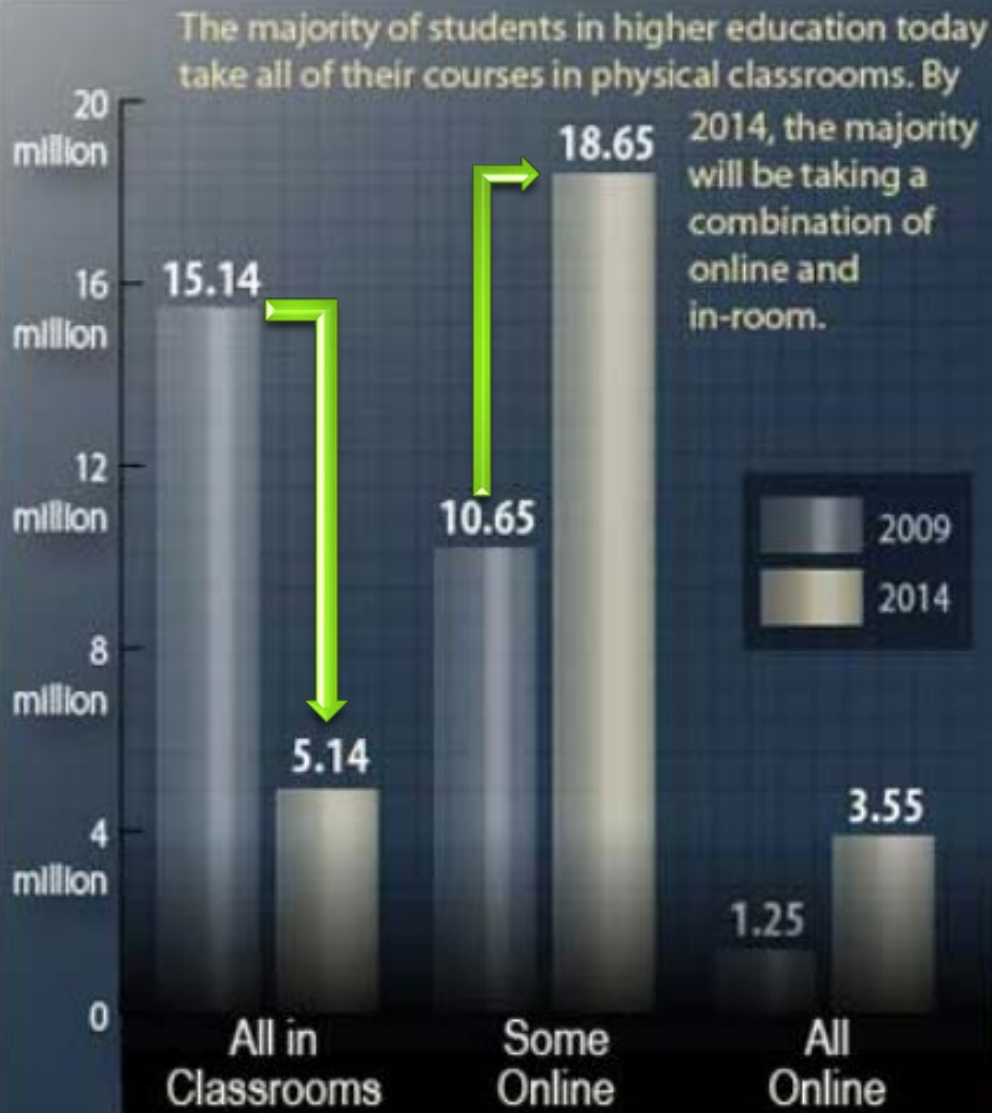


# COLLEGIATE TRENDS

- ▶ Sixty-five percent of higher education institutions said that online learning was a critical part of their long-term strategy
- ▶ Over 6.1 million students were taking at least one online course during the fall 2010 term; an increase of 560,000 students over the number reported the previous year

# WHERE IS COLLEGIATE ONLINE LEARNING HEADED?

## WHERE STUDENTS ARE TAKING CLASSES: 2009 V. 2014



Source: Ambient Insight, "US Self-paced eLearning Market," via Webinar entitled "Innovation in Educational Technology: The Virtualization of K-12 and Higher Education," October 2009.

# LOCAL UNIVERSITY TRENDS

- ▶ “This year marked the first time ever that EOU not only has more students online, but more students earning online credit, than students who are on our campuses. Without our online program, EOU would struggle to exist in today’s collegiate market.” *President Davies, 2011*
- ▶ OSU offers 13 undergraduate degrees online, 18 minors online, and over 700 courses in more than 70 subjects. *OSU Website, 2011*
- ▶ “The growth and sophistication of technology have expanded the number of courses offered via distance learning to over 200; 2,476 students took at least one distance learning course in 2009-10.” That represents a doubling in the number of courses offered the previous year and a 20% increase in student online enrollment.

*President Turner, BMCC Website, 2011*



# WHERE IS K12 ONLINE LEARNING HEADED?

## ▶ Oregon

- ▶ Over 10,000 students are currently enrolled in full time online learning experiences. Last year about 7,000 students were enrolled, an increase from 6,000 students in 2008-09.\*

## ▶ Nationally

- ▶ In the year 2000, roughly 45,000 K–12 students took an online course. In 2009, more than 3 million K–12 students did., representing a 700% annual growth rate. What was originally a distance learning phenomenon no longer is.\*\*
- ▶ Simultaneous explosion in home schooling—from roughly 800,000 students in 1999 to roughly 2 million today—was fueled largely by the rise of online learning and full-time virtual schools.\*\*

\*Keeping Pace with K-12 Online Learning, 2011

\*\*The Rise of K-12 Blended Learning, 2011

# LEGISLATIVE SUMMARY IN OREGON

## ▶ Recent Legislation

- ▶ HB 2301 (2011): Online Charter School Law
- ▶ HB 3861 (2011): Open Enrollment Law
- ▶ SB 994 (2011): Virtual Governance Task Force
- ▶ SB 909 (2011): OEIB/0-20 Program

# STATE OF THE STATE

- ▶ Where are we at in Oregon?
  - ▶ 8 Virtual Public Charter Schools
  - ▶ Dozens of district-run programs at various stages
  - ▶ 2 ESD-run programs

# THE HYPE

- ▶ <http://youtu.be/bF4Sz4HF8WY>
- ▶ <http://youtu.be/aKakkIrlY4>
- ▶ [http://youtu.be/NwJKKEA\\_xD4](http://youtu.be/NwJKKEA_xD4)
- ▶ <http://youtu.be/sonmpZb7cvl>
- ▶ <http://youtu.be/mFKK3KkD2oc>
- ▶ <http://youtu.be/oNAYhAOHGBk>

# SOME OF THE “BIG ONES”

- ▶ ORVED: Oregon Virtual Education (Run by NWRES D)
- ▶ ORCA: Oregon Connections Academy (SCIO S.D.)
- ▶ Molalla Online (Aventa Learning)
- ▶ Insight School of Oregon (operates in 35 school districts) (K<sup>12</sup> Inc.)
- ▶ Oregon Online (Southern Oregon ESD)
- ▶ ORVSD: Oregon Virtual School District

“Connections Academy has grown quickly as more states explore online learning programs. The private company's annual revenue now stands at \$120 million and has risen an average of 35 percent a year.”

*Baltimore Sun, May, 2010*



Learn.  
Education  
for Grades K-12

### Find a School Near You



Check Availability

Enroll Now!

#### Online Public Schools

Connections Academy's tuition-free fully accredited online public schools are available to students in grades K-12 in many states.

#### Online Private School

National Connections Academy is a fully accredited college-preparatory K-12 private school available to students everywhere.

Welcome   What is CA   Why Choose CA   How to Enroll

#### Program Guide

There are two ways to view our Program Guide:



#### Important Enrollment Deadlines

School has started and enrollment deadlines are approaching in many states.



#### Solutions For Schools



Now districts and schools can get everything they need to bring high-quality online



2010-2011

## Advanced Placement\*\*

# High School Catalog



650 NE Holladay Street  
Suite 1400  
Portland, OR 97232  
800.684.3093  
aventallearning.com

### AP Art History

This course is designed to foster an understanding and knowledge of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. In addition to visual analysis, this course emphasizes understanding works in context, considering such issues as patronage, gender and the functions and effects of works of art. Prior art training is not a prerequisite nor does the course cater exclusively to future Art History majors.

### AP Biology

This course is a comprehensive analysis of general biology that includes biochemistry, molecular biology, genetics, mechanisms of evolution, evolutionary history of biological diversity, plant and animal form and function, and ecology. The AP Biology course is designed to be the equivalent of a college introductory biology course usually taken by first year biology majors or pre-medical students. The textbook used, the range and depth of topics covered, discussions and kinds of labs held in this course are equivalent to those taking this course in college. College Board guidelines are followed in determining the course.

### AP Calculus AB

This is a college level course that prepares students for the Advanced Placement exam in May. This course introduces limits, differentiation, and integration of functions. Students will find and evaluate finite and infinite limits graphically, numerically, and analytically. They will find derivatives using a variety of methods including The Chain Rule and Implicit Differentiation. They will use the First Derivative Test and The Second Derivative Test to analyze and sketch functions. Each unit contains exam preparation content for the AP Calculus AB exam.

### AP Chemistry

Advanced Placement Chemistry is equivalent to a full-year introductory college course in general Chemistry. Student will learn fundamental analytical skills to logically assess chemical problems proficiently. Through fascinating and elaborative lessons, students will develop the skills necessary to arrive at conclusions based on informed judgment and present evidence in clear and persuasive essays.

### AP Computer Science A

Computer Science A emphasizes object-oriented programming methodology with a concentration on problem solving and algorithmic development and is the equivalent of a first-semester college-level course in Computer Science. It also includes the study of data structures, design, and abstraction, but these topics are not covered to the extent that they are in Computer Science AB.

### AP English Language

The academic objectives of this course adhere to those outlined by the College Board in preparation for the Advanced Placement Exam in Language and Composition. AP Language and Composition explores the relationship between what authors say and how they are trying to say it. The literary component of the course provides a range of genres, including nonfiction, fiction, drama and poetry, and in the analysis of these works students are exposed to the analysis of both style-the more language-based approach to exploring meaning-and rhetoric-the analysis of author argument and structure.

### AP English Literature

This is a college level class that ultimately prepares students for the Advanced Placement exam in May. In addition, it provides students with other skills associated with the most advanced classes in high school English, including research skills. When the class is complete, students will have acquired the reading and critical thinking skills necessary for understanding challenging new material, analyzing that material to deduce meaning, and applying what is learned to the world.



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*“K12, an online education software firm, said that total revenue for the year ended June 30 was expected to increase to between approximately \$515 million and \$520 million. That compares with revenue of \$384.5 million for the year ended June 30, 2010.”*

*Washington Business Journal, Sep. 2011*

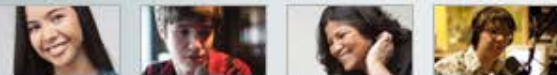
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[TAKE A TOUR](#)

See how it works and hear from real students.

VIDEOS »



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### GET ANSWERS

[Is Insight Schools really tuition-free?](#)

[Do I receive a high school diploma through Insight?](#)

[Is Insight an accredited program?](#)



By 2019, 50 percent of all high school courses will be delivered online.\*

*\*Disrupting Class: How Disruptive Innovation Will Change the Way the World Learns, 2008*

ARE WE DRIVING THE BUS,  
ON THE BUS,  
OR TRYING TO CATCH THE  
BUS?

# WHERE IS HERMISTON HEADED?

- ▶ Online and blended learning programs created by a single district, primarily for students in that district, appear to be the fastest-growing, and perhaps largest, category of online and blended learning in 2011

*Keeping Pace with K-12 Online Learning, 2011*

# VIP PROGRAM MISSION

- ▶ To offer high quality online and blended learning experiences instructed by talented local certified educators to engage and meet the diverse learning styles and needs of students in order to prepare them for collegiate and life-long learning.

# BENCHMARKS AND PLANS

## ▶ Benchmarks to Meet

- ▶ By January 1<sup>st</sup> of 2012 a Virtual Instructional Program Committee will be formed consisting of high school and middle school staff, high school students, parents, Board representatives and administration.
- ▶ By April 16 of 2012 the VIP Committee will recommend the software vendor, “trial experiences” and staff training requirements needed to support the program.
- ▶ Contract logistics/MOU agreed to between the BOE and HAT by June 2012
- ▶ Trial courses offered by Fall of 2012 to select students
- ▶ Full course catalog available to students in the Fall of 2013