

Preparing for High School

What do you need to know?

Things you need to know.....

- What is a high school transcript?
- What is the timeline for registration at your High School?
- How do my grades in 8th grade affect the classes I can take in HS?
- What classes do I need to take in HS to graduate?
- What classes / GPA do I need to apply to colleges?
- What is the CAHSEE? Why is the CAHSEE important?
- How does level of education impact my future income?
- What are three career areas of interest?

High School Registration Timeline

- March/April – 8th grade teachers make recommendations to high school counselors
- April 26th – Family Night at all Irvine high schools
- May 6th – UHS and WHS counselors register students at Vista Verde 10:15 am – 12:15 pm in media center
- Beginning of May – incoming IHS and NHS students go to high school to register by appointment



High School Recommendations

What do teachers take into consideration when making recommendations for courses?

High School Transcripts

- Student's high school academic record
- Contains student information, courses, grades, credits, GPA (weighted/non weighted, academic classes), CAHSEE results
- Once you earn a grade in HS, it is always on your HS transcript!
- Advisors vs. Counselors

Honors versus AP Courses

- Honors and AP Courses are weighted in 11th and 12th grade; some honors courses are weighted in 9th and 10th.
- What is the advantage of taking Honor's Courses in 9th grade?
- What is the difference between AP and Honors Classes? (AP is in 11th and 12th grade; exam at end of course for college credit)
- If I'm recommended for honors level classes, do I have to take those classes?

Grade Point Average GPA

A = 4.00 worth 4 points

B = 3.00 worth 3 points

C = 2.00 worth 2 points

D = 1.00 worth 1 point

F = 0.00 worth 0 points

* Add them up and divide by total grades

Example

- Language Arts B = 3.0
- Algebra C = 2.0
- History B = 3.0
- Music A = 4.0
- Science B = 3.0
- PE A = 4.0

$$19/6 = 3.17$$

CAHSEE

- California High School Exit Exam
- Exam all CA public school students need to pass to receive their high school diploma.
- English – Language Arts includes reading and writing
- Mathematics – includes content through Algebra 1
- Given in March of 10th grade, can retake in grades 11+
- On transcript: Passed or Requirement Not Met

Discuss

What is the grade of this student?

How many credits are earned for each passed high school semester course?

Find the 'Credit Summary' section. How many credits are required and how many are completed?

Find the 'GPA' section. What is the difference between weighted and non-weighted GPA? Academic and non-academic?

Find the 'CAHSEE' section. Has this student passed the CAHSEE?

Transcript of Student Progress
February 5, 2008
Redwood High School
4913 Potrero Parkway
Yuba, CA 95928
(916) 926-7251 Fax: (916) 926-7258

Course No.	Course Title	Grade	Units	Grade	Units	Grade	Units
100	Math 1	B	5.0	5.0	5.0	5.0	
101	Math 2	B	5.0	5.0	5.0	5.0	
102	Math 3	B	5.0	5.0	5.0	5.0	
103	Math 4	B	5.0	5.0	5.0	5.0	
104	Math 5	B	5.0	5.0	5.0	5.0	
105	Math 6	B	5.0	5.0	5.0	5.0	
106	Math 7	B	5.0	5.0	5.0	5.0	
107	Math 8	B	5.0	5.0	5.0	5.0	
108	Math 9	B	5.0	5.0	5.0	5.0	
109	Math 10	B	5.0	5.0	5.0	5.0	
110	Math 11	B	5.0	5.0	5.0	5.0	
111	Math 12	B	5.0	5.0	5.0	5.0	
112	Math 13	B	5.0	5.0	5.0	5.0	
113	Math 14	B	5.0	5.0	5.0	5.0	
114	Math 15	B	5.0	5.0	5.0	5.0	
115	Math 16	B	5.0	5.0	5.0	5.0	
116	Math 17	B	5.0	5.0	5.0	5.0	
117	Math 18	B	5.0	5.0	5.0	5.0	
118	Math 19	B	5.0	5.0	5.0	5.0	
119	Math 20	B	5.0	5.0	5.0	5.0	
120	Math 21	B	5.0	5.0	5.0	5.0	
121	Math 22	B	5.0	5.0	5.0	5.0	
122	Math 23	B	5.0	5.0	5.0	5.0	
123	Math 24	B	5.0	5.0	5.0	5.0	
124	Math 25	B	5.0	5.0	5.0	5.0	
125	Math 26	B	5.0	5.0	5.0	5.0	
126	Math 27	B	5.0	5.0	5.0	5.0	
127	Math 28	B	5.0	5.0	5.0	5.0	
128	Math 29	B	5.0	5.0	5.0	5.0	
129	Math 30	B	5.0	5.0	5.0	5.0	
130	Math 31	B	5.0	5.0	5.0	5.0	
131	Math 32	B	5.0	5.0	5.0	5.0	
132	Math 33	B	5.0	5.0	5.0	5.0	
133	Math 34	B	5.0	5.0	5.0	5.0	
134	Math 35	B	5.0	5.0	5.0	5.0	
135	Math 36	B	5.0	5.0	5.0	5.0	
136	Math 37	B	5.0	5.0	5.0	5.0	
137	Math 38	B	5.0	5.0	5.0	5.0	
138	Math 39	B	5.0	5.0	5.0	5.0	
139	Math 40	B	5.0	5.0	5.0	5.0	
140	Math 41	B	5.0	5.0	5.0	5.0	
141	Math 42	B	5.0	5.0	5.0	5.0	
142	Math 43	B	5.0	5.0	5.0	5.0	
143	Math 44	B	5.0	5.0	5.0	5.0	
144	Math 45	B	5.0	5.0	5.0	5.0	
145	Math 46	B	5.0	5.0	5.0	5.0	
146	Math 47	B	5.0	5.0	5.0	5.0	
147	Math 48	B	5.0	5.0	5.0	5.0	
148	Math 49	B	5.0	5.0	5.0	5.0	
149	Math 50	B	5.0	5.0	5.0	5.0	
150	Math 51	B	5.0	5.0	5.0	5.0	
151	Math 52	B	5.0	5.0	5.0	5.0	
152	Math 53	B	5.0	5.0	5.0	5.0	
153	Math 54	B	5.0	5.0	5.0	5.0	
154	Math 55	B	5.0	5.0	5.0	5.0	
155	Math 56	B	5.0	5.0	5.0	5.0	
156	Math 57	B	5.0	5.0	5.0	5.0	
157	Math 58	B	5.0	5.0	5.0	5.0	
158	Math 59	B	5.0	5.0	5.0	5.0	
159	Math 60	B	5.0	5.0	5.0	5.0	
160	Math 61	B	5.0	5.0	5.0	5.0	
161	Math 62	B	5.0	5.0	5.0	5.0	
162	Math 63	B	5.0	5.0	5.0	5.0	
163	Math 64	B	5.0	5.0	5.0	5.0	
164	Math 65	B	5.0	5.0	5.0	5.0	
165	Math 66	B	5.0	5.0	5.0	5.0	
166	Math 67	B	5.0	5.0	5.0	5.0	
167	Math 68	B	5.0	5.0	5.0	5.0	
168	Math 69	B	5.0	5.0	5.0	5.0	
169	Math 70	B	5.0	5.0	5.0	5.0	
170	Math 71	B	5.0	5.0	5.0	5.0	
171	Math 72	B	5.0	5.0	5.0	5.0	
172	Math 73	B	5.0	5.0	5.0	5.0	
173	Math 74	B	5.0	5.0	5.0	5.0	
174	Math 75	B	5.0	5.0	5.0	5.0	
175	Math 76	B	5.0	5.0	5.0	5.0	
176	Math 77	B	5.0	5.0	5.0	5.0	
177	Math 78	B	5.0	5.0	5.0	5.0	
178	Math 79	B	5.0	5.0	5.0	5.0	
179	Math 80	B	5.0	5.0	5.0	5.0	
180	Math 81	B	5.0	5.0	5.0	5.0	
181	Math 82	B	5.0	5.0	5.0	5.0	
182	Math 83	B	5.0	5.0	5.0	5.0	
183	Math 84	B	5.0	5.0	5.0	5.0	
184	Math 85	B	5.0	5.0	5.0	5.0	
185	Math 86	B	5.0	5.0	5.0	5.0	
186	Math 87	B	5.0	5.0	5.0	5.0	
187	Math 88	B	5.0	5.0	5.0	5.0	
188	Math 89	B	5.0	5.0	5.0	5.0	
189	Math 90	B	5.0	5.0	5.0	5.0	
190	Math 91	B	5.0	5.0	5.0	5.0	
191	Math 92	B	5.0	5.0	5.0	5.0	
192	Math 93	B	5.0	5.0	5.0	5.0	
193	Math 94	B	5.0	5.0	5.0	5.0	
194	Math 95	B	5.0	5.0	5.0	5.0	
195	Math 96	B	5.0	5.0	5.0	5.0	
196	Math 97	B	5.0	5.0	5.0	5.0	
197	Math 98	B	5.0	5.0	5.0	5.0	
198	Math 99	B	5.0	5.0	5.0	5.0	
199	Math 100	B	5.0	5.0	5.0	5.0	

Weighted GPA	Non-Weighted GPA	CAHSEE
3.47	3.47	Pass

CAHSEE	Score	Pass
Math	279	Pass
Reading	279	Pass
Writing	279	Pass

High School Graduation Minimum Course Requirements – University HS

215 Total Credits include:

- **a. English - Forty (40) credits of English.**
- **b. Social Science - Thirty (30) credits of social science (Global, US History, Political Science, and Economics).**
- **c. Health – Five (5.0) credits of health.**
- **d. Science - Twenty (20) credits of science, including ten (10) in life science and ten (10) in earth/physical science (Coordinated Science 1 and Coordinated Science 2).**
- **e. Mathematics - Twenty (20) credits of mathematics, including Algebra 1.**
- **f. Physical Education - Twenty (20) credits of physical education.**
- **e. Visual/Performing Art - Ten (10) credits of either a visual or performing art (i.e. Photo, Multicultural Art, Art History, Drawing/Painting, etc.) or foreign language (i.e. Spanish, Chinese, French, Latin, or American Sign Language).**
- **f. CAHSEE – State law requires that each student must also pass the California High School Exit Exam (CAHSEE) to receive a diploma and graduate from high school. This requires a score of 350 in language arts, and 350 in mathematics.**

High School Graduation Minimum Course Requirements - Woodbridge

<u>Credits</u>	<u>Course</u>
40	English
20	Math (10 credits of Algebra required)
20	Science
30	Social Science
10	United States History
10	Foreign Language; or 10 credits Visual/Performing Arts
20	Physical Education
5	Health
70	Additional Courses (electives)
215	Total Credits

High School Graduation Minimum Course Requirements – Irvine HS

<u>Credits</u>	<u>Class</u>
40	English
20	Math (Must include Algebra 1)
20	Science
10	World History
10	U.S. History
10	Political Economy
10	Visual/Performing Arts or LOTE
20	Physical Education
5	Health
70	Additional Courses (electives)
215	Total Credits

Post Secondary Options

- **Community Colleges**
- **Career and Technical Schools**
- **UC / State Universities**
- **Private Universities and Colleges**
- **Military**
- **Job Corps**
- **Working World**

Colleges and Universities

Community Colleges

Irvine Valley College—Irvine, CA
Orange Coast College—Costa Mesa, CA
Saddleback College—Mission Viejo, CA
Fullerton College—Fullerton, CA

Career or Technical Schools

Aviation & Electronic Schools of America—San Diego, CA
California School of Culinary Arts—South Pasadena, CA
California Design School—Los Angeles, CA
The Arts Institute of California, Los Angeles—Santa Monica, CA
ITT Technical Institute
American College of Medical Technology—Gardena, CA

Private Universities

University of Southern California—Los Angeles, CA
Boston University—Boston, MA
Harvard University—Cambridge, MA
University of Pennsylvania—Philadelphia, PA

Public Universities

California Polytech State University--San Luis Obispo, CA
Arizona State University, Tempe—Tempe, AZ
University of California, Los Angeles--Los Angeles, CA
Oregon Health & Sciences University—Portland, Oregon
University of California, Irvine—Irvine, CA
Humbolt State University—Arcata, CA
University of California--Berkeley, CA

Discuss

What is the name of a degree from a two year college?

What is the name of a degree from a four year college?

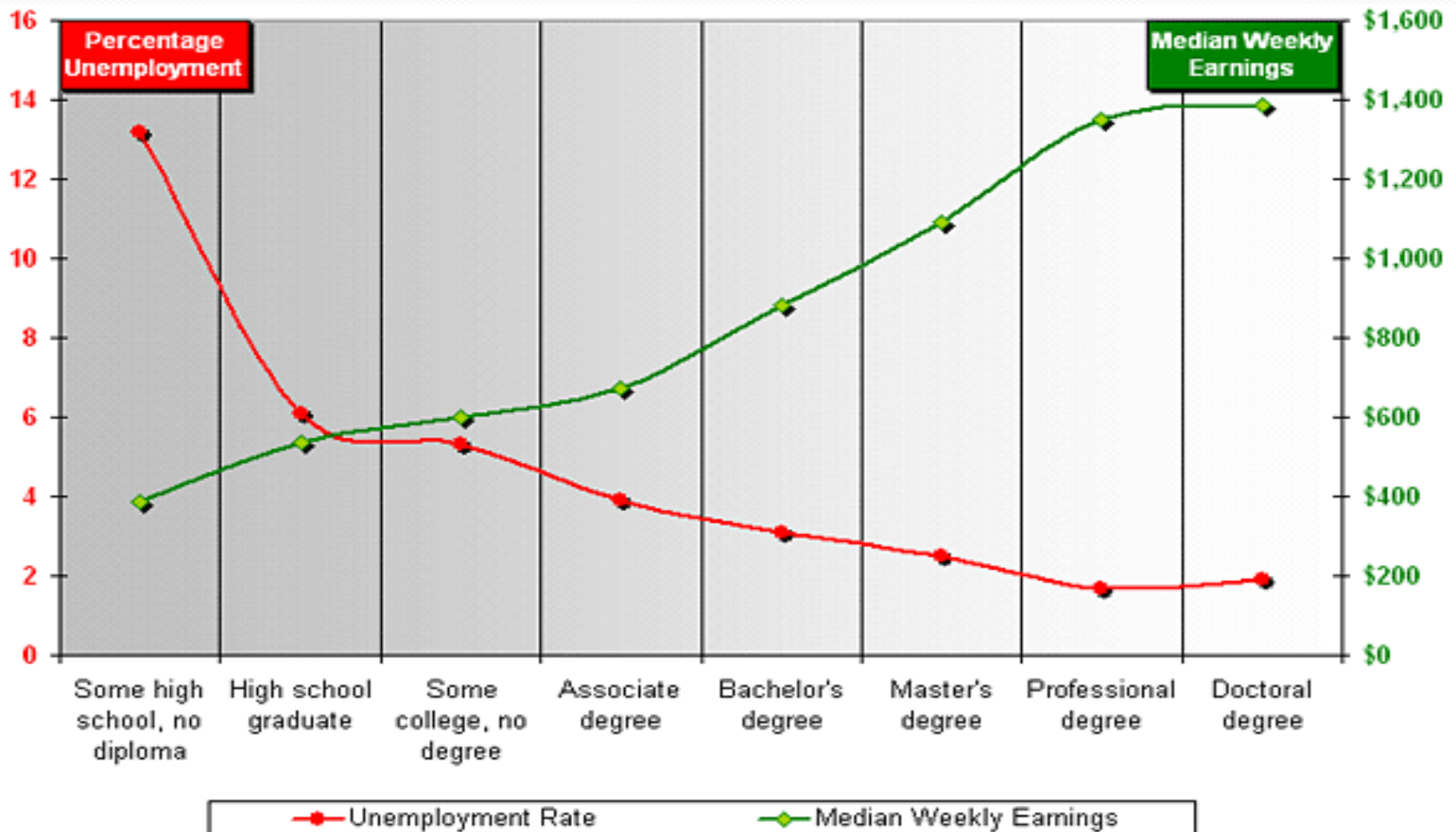
What is the name of the degree from a graduate program (2 years of graduate school and 4 years of graduate school)?

UC and CSU College Requirements

A-G Requirements

- Social Science 2 years
- English 4 years
- Math 3 years
- Laboratory Science 2 years
- Foreign Language 2 years
- Visual and performing Arts 1 year
- College Prep Electives 1 year

How Does Education Level Affect Income?



Which career do you think pays the most? Least?

- Air Traffic Controllers
- Elevator Installers and Repairers
- Dental Hygienists
- Radiation Therapists
- Environmental Engineers
- Microbiologists
- Zoologists and Wildlife Biologists
- Marriage and Family Therapists

Do your Research!!

<u>Career</u>	<u>Hourly Wage</u>	<u>Education Level</u>
Air Traffic Controllers	55.14	1-2 Year College
Elevator Installers and Repairers	41.43	1-2 Year College
Dental Hygienists	40.29	2 Year College AA
Radiation Therapists	40.08	2 Year College AA
Environmental Engineers	39.69	4 Year College + BS/MS
Microbiologists	35.60	4 Year College + BS/MS
Zoologists and Wildlife Biologists	34.92	4 Year College + BS/MS
Marriage and Family Therapists	21.02	4 Year College + BS/MS

www.labormarketinfo.edd.ca.gov

www.occareers.com

It is not too early to start thinking about a career!

- How does your education impact the type of job you end up with?
- What things are important to you in a job? Money? Happiness?
- CA Career Zone