

# A Web Interface For The Dynamic Class Schedule Query of Banner Student Database

3/10/2003

The Banner baseline schedule of classes for public consumption did not fulfill the need for a dynamic schedule query that is available through Banner Web registration. In the past two years a package has been developed for three 'Banner' community colleges to provide real time schedule querying. Based on proven Banner technology and written to be Web Tailor compatible is easy to adapt for a Banner community college environment.

In 2001 SIG was asked by Antelope Valley CC. to develop a web package that would allow for external access to the class schedule in a meaningful manner. The package that was developed allowed for:

**eAVC**  
Antelope Valley College

Term: **Spring 2003**  
Interession 2003  
Fall 2002

Schedule Query is set for: **Spring 2003**

Using the Schedule

If you would like to use a different term, please select a term from the menu to the left and press the TERM button.

Change Term

- Multiple selects allowed
- % wildcard valid in crse option
- To cancel selects, press Reset

by Subject: <all> Accounting Administration of Justice

by Course Number: [ ]

by Part-of-Term: <all> Full Term First half of semester

by Schedule Type: <all> Clinical Directed Study

by Location: <all> Lancaster Campus South Valley Site

by Method: <all> Daily Census Short Term Positive Att (open entry/exit)

by Instructor: <all> Adam, Sharon F Ahad, Paul G

by Start Time: Hour 00 Minute 00 am/pm am

by End Time: Hour 00 Minute 00 am/pm am

by Days: Mon Tues Wed Thur Fri Sat Sun

Search Reset

NOTE: Select multiple subjects by using the mouse in conjunction with the Ctrl or Shift key.

- ❑ Term Selection based on 90 ninety days prior to registration through 30 days post end of term
- ❑ Subject (all or multiple selects)
- ❑ Course
- ❑ CRN
- ❑ Location
- ❑ Instructor
- ❑ Days and Times

The output was to contain:

- ❑ One CRN per line with additional meeting times/locations listed below
- ❑ Real time headcounts
- ❑ Instructor
- ❑ Start/end dates
- ❑ A link to a detail page for each CRN that further explained the nature of the class.

**eAVC**  
Antelope Valley College

Here are the results of your request. If you are not seeing any results then an exception error may have occurred. Please see the help page for more general about the course information you are trying to find. Press the back button on your browser to return to the search page.

Click on the COURSE NUMBER and TITLE or the CRN to view detailed course/section information.

**AERO - Aeronautics**

Status	Crn	Subj	Crs#	Cred	Meeting Time	Location	Cap	Act	Re
Restricted	30173	AERO	199	1-4	TBA	TBA	500	0	3
<b>AERO 210 - Intro to Air Traffic Control</b>									
Status	Crn	Subj	Crs#	Cred	Meeting Time	Location	Cap	Act	Re
Open	31550	AERO	210	3	M W	12:30pm - 01:50pm	APL 105	31	8
<b>AERO 211 - Intro to Aviation Weather</b>									
Status	Crn	Subj	Crs#	Cred	Meeting Time	Location	Cap	Act	Re
Open	32414	AERO	211	3	T R	12:30pm - 01:50pm	APL 105	31	13
<b>AERO 231 - Aircraft Airframe II</b>									
Status	Crn	Subj	Crs#	Cred	Meeting Time	Location	Cap	Act	Re
Open	31552	AERO	231	15	M T W R F	04:00pm - 09:05pm	SOUTHV 702	25	17
<b>AERO 241 - Aircraft Powerplant II</b>									
Status	Crn	Subj	Crs#	Cred	Meeting Time	Location	Cap	Act	Re
Open	31876	AERO	241	15	M T W R F	08:00am - 01:05pm	SOUTHV 702	25	24

End of report

**AERO Aeronautics** Spring 2003

**AERO210 Advisory: Eligibility for ENGL 099, READ 099 and MATH 100.**  
Introduces the student to the fundamentals of aviation and air traffic control. Consists of lectures, lessons, and materials which cover basic terminology and other foundational information used in air traffic control. Includes: phraseology, strip marking, map symbols, number usage, navigational aids, aircraft types and characteristics, and pertinent Federal aviation regulations. Designed as an introductory course for those individuals interested in a career in air traffic control. (AVC)

Course Corequisites: NONE

Section Information as of 14-JAN-2003 03:01:24 PM

- CRN: 31550
- Instructor: Faulk, Stanley C.
- Section Corequisites: NONE

Meeting Time

M	W	12:30pm - 01:50pm	02/17/03	06/13/03
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[ Close Window ]

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3/10/2003

The following are the current sites where a variant of the schedule query may be found.

Antelope Valley College

[https://bannerweb.avc.edu:8030/avcprod/owa/az\\_tw\\_zipsched.P\\_search](https://bannerweb.avc.edu:8030/avcprod/owa/az_tw_zipsched.P_search)

Pima Community College

This is a static entry page with links to 4 variations to the schedule query.

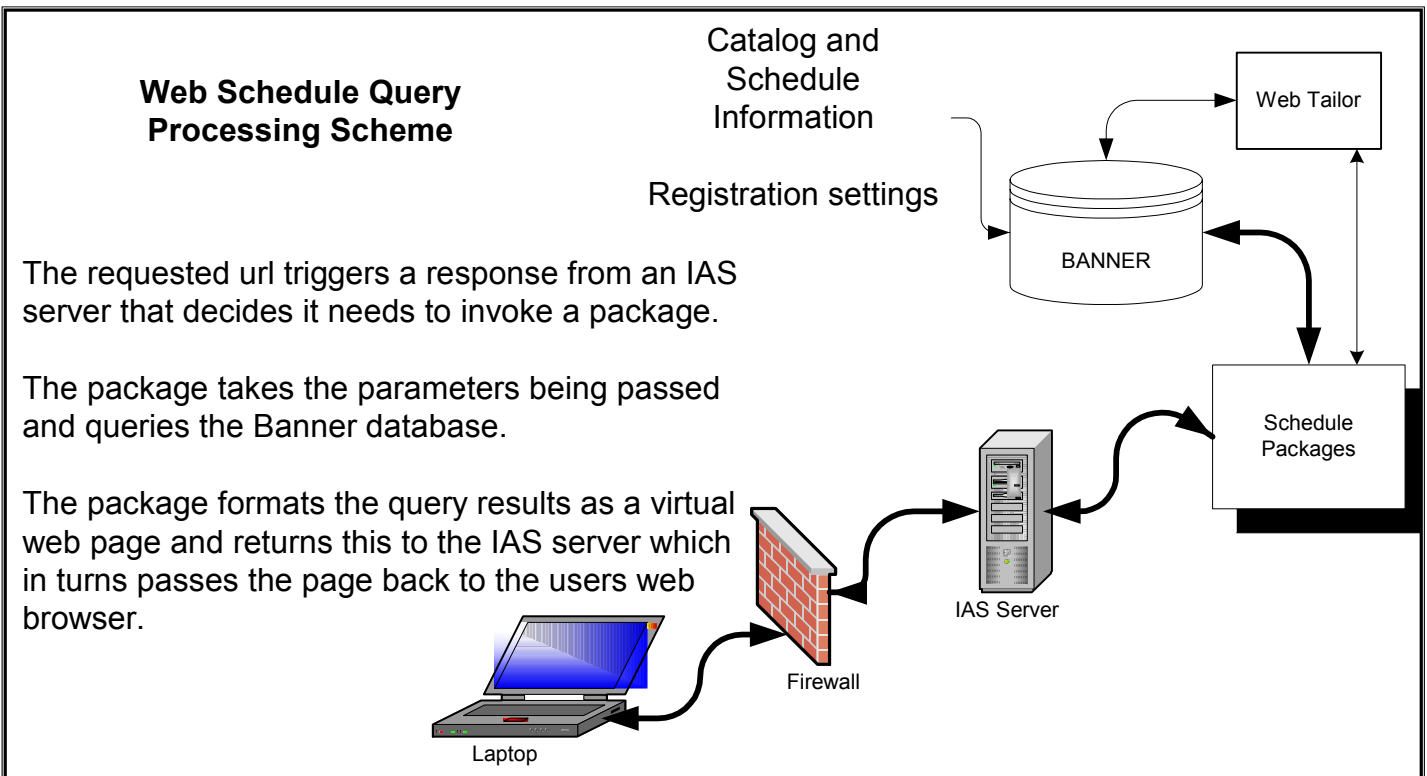
[http://bannerweb.pima.edu/htm/sched\\_menu.htm](http://bannerweb.pima.edu/htm/sched_menu.htm)

Ventura County Community College District

[http://ows.vcccd.cc.ca.us:8080/pls/prod/hzsched.P\\_search](http://ows.vcccd.cc.ca.us:8080/pls/prod/hzsched.P_search)

The flow of data is directly from Banner tables and controlled in part by the settings of the validation tables. The user is able to view but not touch data that is designated as web/vr access. The following drawing shows the data flow concept for the schedule query.

The AVC package was developed in parallel with that of Pima Community College. Mutual enhancements were applied to each project with each project also being customized to the users and systems specifications.



Variations on the query and display have occurred with each site. Some sites include catalog course information whereas others maintain this on a separate system. Rules on defining terms as well as locations can affect how the schedule query will be constructed. Incorporation of the schedule query basic page design into the Web Tailor allows for inclusion with the Banner Web community of menus. Each site has the ability to call the schedule query from within Banner Web and then allow that user to return.

# A Web Interface For The Dynamic Class Schedule Query of Banner Student Database

3/10/2003

Ventura County Community College District

Term: Spring 2003  
Fall 2002

Dynamic Schedule Query is set for: Spring 2003

If you would like a different term, please select a term from the menu to the left and press the SELECT TERM button.

Need Help? [Click here](#) for a guide to using the schedule query

Select Term

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by Subject: AG Agriculture  
ANAT Anatomy  
ANPH Anatomy/Physiology

by Course Number:

by CRN:

by Title:

by Part-of-Term: <all>  
Full Term  
Full Term - Saturday/Sunday

by Location: <all>  
Moorpark College  
Oxnard College  
Ventura College

by Instructor: <all>  
Aalberts, Gary  
Abdel-Gawad, Monem

by Start Time: Hour: 05 Minute: 00 am/pm: am

by End Time: Hour: 11 Minute: 00 am/pm: pm

by Days: Mon  Tues  Wed  Thur  Fri  Sat  Sun

by New Classes Added: No  Past Month  Since Schedule Release

by Open Classes Only: Yes:  No:

by Non-Credit Classes Only: Yes:  No:

by Emeritus Classes: Yes:  No:

by Off Campus Classes Only: Yes:  No:

by TV/Internet Classes: Yes:  No:

by PACE classes: Yes:  No:

Search Reset Campus Maps

NOTE: Select multiple subjects while holding down Ctrl or Shift key.

This most recent adaptation of the Schedule Query has improved upon many of the pre-existing features and allowed for very specific search criteria that are very pertinent to California Community Colleges.

- New Classes
- Non-Credit
- Off Campus
- TV/Internet
- PACE
- Campus Maps
- Free text search for
- Course titles

ANAT R100 - General Human Anatomy													
Status	Crn	Cred	Meeting Time		Location	Cap	Act	Rem	Instructor	Date	Weeks		
CLOSED	<a href="#">33509</a>	2.0	T	R	11:00am - 11:50am	Oxnard Letters & Science 3	32	40	-8	Jesu, Kimberly	01/06-05/14	18	
In Progress	<a href="#">35368</a>	2.0	T	R	06:00pm - 06:50pm	Oxnard Letters & Science 3	32	27	5	Nettleton, Jilda	01/06-05/14	18	
In Progress	<a href="#">38804</a>	2.0		S	09:00am - 09:50am	Oxnard Letters & Science 3	32	30	2	Boshoff, Nicolaas	01/06-05/14	18	
				F	06:00pm - 06:50pm	Oxnard Letters & Science 3					01/06-05/14		
ANAT R100L - General Human Anatomy Lab Lab Courses													
Status	Crn	Cred	Meeting Time		Location	Cap	Act	Rem	Instructor	Date	Weeks		
CLOSED	<a href="#">33510</a>	2.0	T	R	12:00pm - 02:50pm	Oxnard Letters & Science 3	32	33	-1	Jesu, Kimberly	01/06-05/14	18	
In Progress	<a href="#">35371</a>	2.0	T	R	07:00pm - 09:50pm	Oxnard Letters & Science 3	32	26	6	Nettleton, Jilda	01/06-05/14	18	
In Progress	<a href="#">38805</a>	2.0		S	10:00am - 12:50pm	Oxnard Letters & Science 3	32	24	8	Boshoff, Nicolaas	01/06-05/14	18	
				F	07:00pm - 09:50pm	Oxnard Letters & Science 3					01/06-05/14		
ANAT V01 - General Human Anatomy													
Status	Crn	Cred	Meeting Time		Location	Cap	Act	Rem	Instructor	Date	Weeks		
CLOSED	<a href="#">30908</a>	4.0	T	R	03:00pm - 05:50pm	Ventura Math/Science Bldg. 308	24	24	0	Castren, James	01/06-05/14	18	
				T	06:00pm - 06:50pm	Ventura UV Building 2					01/06-05/14		
CLOSED	<a href="#">31008</a>	4.0	T	R	06:00pm - 06:50pm	Ventura UV Building 2	24	24	0	Johnson, Keith	01/06-05/14	18	
				T	07:00pm - 09:50pm	Ventura Math/Science Bldg. 308					01/06-05/14		
CLOSED	<a href="#">39111</a>	4.0	T	R	06:00pm - 06:50pm	Ventura UV Building 2	0	1	-1	Johnson, Keith	01/06-05/14	18	
				T	07:00pm - 09:50pm	Ventura Math/Science Bldg. 308					01/06-05/14		
					TBA	TBA					01/06-05/14		
ANPH - Anatomy/Physiology													
ANPH M01 - Intro-Human Anat/Phys													
Status	Crn	Cred	Meeting Time		Location	Cap	Act	Rem	Instructor	Date	Weeks		
CLOSED	<a href="#">31619</a>	3.0	M	W	06:00pm - 07:20pm	Moorpark Life Sci/Math/Comp 228	24	25	-1	Cornish, Michael	01/06-05/14	18	
CLOSED	<a href="#">31622</a>	3.0	M	W	F	10:00am - 10:50am	Moorpark Physical Sciences 207	48	52	-4	Shargo, Eric	01/06-05/14	18

- Status is determined through a separate function.
- CRN is an active link to a more detailed page for each class.
- Multiple lines for classes with additional meeting times/locations.
- Headcount is in real time and color-coded.
- Class starts and end dates and length displayed.

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3/10/2003

**ANAT Anatomy**  
 Spring 2003 RECPREP: BIOL V01 or BIOL V03. CAN BIOL 10. Transfer credit: CSU/UC; credit limitations - see counselor.

Course Corequisites: NONE

Section Information as of 14-JAN-2003 02:01:47 PM [Campus Maps](#)

- ANAT V01 General Human Anatomy
- CRN: 30908
- Instructor: Castren, James
- Instructor: Johnson, Keith
- Section Corequisites: NONE
- Bldg/Room: SCI 308 Ventura Math/Science Bldg.
- Ventura College

Meeting Time					
T	R			03:00pm - 05:50pm	01/06/03 05/14/03
T	R			06:00pm - 06:50pm	01/06/03 05/14/03

Seating Availability		
Capacity	Taken	Available
24	24	0

Critical Dates for this Course		
Term:	Start	End
Spring 2003	06-JAN-03	14-MAY-03
Last day to add class:		19-JAN-03
Last day to drop with a refund:		19-JAN-03
Last day to drop without a "W":		31-JAN-03
Last day to drop with a "W":		11-APR-03

[\[ Close Window \]](#)

- The detail page for the VCCCD package has additional information added such as critical dates. These dates will help remind the student of when they should drop if necessary.
- The list of basic information has been enlarged to show all instructors for a course.
- Information from SSRTEXT and SCRTEXT could appear at the top of the page if such information could be provided.
- If a course were cross-listed with other crn's then this information would also be displayed on the detail page.

- The image below shows how an instructor may be able to view his or her own courses in one query rather than performing a separate query for each subject code.

BUS - Business													
BUS M30 - Intro-Business & Econ													
Status	Crn	Cred	Meeting Time			Location	Cap	Act	Rem	Instructor	Date	Weeks	
In Progress	<a href="#">30446</a>	3.0	M	W	F	11:00am - 11:50am	Moorpark Technology/Business 109	50	26	21	Fillo, Heidi	01/06-05/14	18
BUS M31 - Intro to Management													
Status	Crn	Cred	Meeting Time			Location	Cap	Act	Rem	Instructor	Date	Weeks	
In Progress	<a href="#">35088</a>	3.0	M	W	F	08:00am - 08:50am	Moorpark Technology/Business 215	35	12	23	Fillo, Heidi	01/06-05/14	18
BUS M32 - Small Business Managmnt													
Status	Crn	Cred	Meeting Time			Location	Cap	Act	Rem	Instructor	Date	Weeks	
In Progress	<a href="#">30554</a>	3.0	M	W	F	10:00am - 10:50am	Moorpark Technology/Business 109	50	19	30	Fillo, Heidi	01/06-05/14	18
CD - Child Development													
CD M25 - Administration in ECE - 2													
Status	Crn	Cred	Meeting Time			Location	Cap	Act	Rem	Instructor	Date	Weeks	
In Progress	<a href="#">37230</a>	3.0	M	W	F	10:00am - 10:50am	Moorpark Technology/Business 109	50	1	30	Fillo, Heidi	01/06-05/14	18
ECON - Economics													
ECON M30 - Intro-Business & Econ													
Status	Crn	Cred	Meeting Time			Location	Cap	Act	Rem	Instructor	Date	Weeks	
In Progress	<a href="#">30682</a>	3.0	M	W	F	11:00am - 11:50am	Moorpark Technology/Business 109	50	3	21	Fillo, Heidi	01/06-05/14	18
End of report													
You have 5 class(es) displayed....													