

Brentwood School Information Management System



advanced@database-systems.com

1.0 INTRODUCTION

1.1 The Databases

The databases which make up the system are named as follows:

MENU.FP3	GPA.FP3	SCHEDULE.FP3
LOGIN.FP3	GRADES.FP3	SCHEDSTU.FP3
USERS.FP3	HISTORY.FP3	STUDENTS.FP3
ATTNDNCE.FP3	MESSAGES.FP3	TESTS.FP3
CONTACTS.FP3	NOTES.FP3	TESTSCRS.FP3
CONTSTUS.FP3	PROJECTS.FP3	USERS.FP3
CONFMTRX.FP3	REGISTRA.FP3	WIZARD.FP3
COURSES.FP3	REGMNGER.FP3	VALUES.FP3
COURSTXT.FP3	REGTOOL.FP3	
DATES.FP3	ROOMS.FP3	

The file Menu.fp3 is the control center for all other files, and is the only file needed for most users. This file will launch or use data from other files as needed. We call Menu.fp3 a "viewer" file.

1.2 The Viewer File

The viewer file, Menu.fp3, is a standard browser for all Brentwood information, and functions and appears similarly throughout the solution. It can be seen as five independent sections, each of which controls the others to some extent -- the record controls, the listing, the current selection, the toolpad, and the tabbed detail interface:

- 1) **Control** This portion of the screen is used to control which records will show on the list to its immediate right.
- 2) Listing This section contains a list of records matching the parameters specified in the record control feature to the left. Selecting one record in this list will result in that record being highlighted in grey in the list, and appearing as the current selection.
- **3) Selection** The colored field in the middle of the screen will display the selected record.
- 4) Toolpad Next to the selected record field is a series of small buttons to control the record shown. They offer the ability to create a new record for the current section, duplicate the current record, print reports available for this section, or trash the current record.
- **5) Tabs** This section of the screen contains all of the details for the currently selected record from the above list. The use of these tabs vary from section to section, but handle from four to eight types of data.

2.0 SECTIONS

The sections of the system include:

• Admissions – Manage all candidates for admission to Brentwood School, from first contact to acceptance, waitlisting, or rejection.

• **Students** – Manage students currently or recently enrolled at Brentwood School, including their courses, grades, attendance, community service, and college plans.

• **Contacts** – Manage all contacts of Brentwood school, including teachers, staff, parents, colleges, community service agencies, and others.

• **Calendar** – Manage date-specific events at Brentwood School, including all activities, rolling tracks, classes, attendance, and more.

• **Courses** – Manage course offerings at Brentwood School, including their descriptions, master schedules, students, department, statistics, and notes.

• **Rooms** – Manage campus rooms and their usage at Brentwood School, including course usage, after school usage, statistics, and notes.

• **Grading** – Manage student grades, including logged quizzes, tests, & overall performance by class and student.

• Attendance – Manage students' attendance by class, day, semester, and student.

- Supplies Manage school supply inventory and details.
- Routines Programs you can run to process your data.
- Letters Correspondence, e.g. transcripts, letters, etc.
- **Reports –** Reports from all areas of the system.
- Preferences System and user-specific preferences.

2.1 Admissions

Menu.fp3								
Admissions	Name	Grac	le Sex Ag	e Date Applied	Prev School	Contract	Status Fla	g
	1 Abrahams, Mark E.	07		l Feb 07, 1999			Applied	Ŷ
Year	2 Adamson, Sandra M.	07			Granada Hills B		Admit	
Grade	3 Agam, Todd S.	07		2 Feb 07, 1999		Y		
Status	4 Alberti, Olivia 5 Alexander, Tyler I.	07		3 Feb 07, 1999 3 Feb 07, 1999		Y	Admit	
Name	6 Allen, Sharon M.	07		Feb 07, 1999 Feb 07, 1999			Scholarship Applied 🔥	
	7 Allison, Matthew	07		l Feb 07, 1999			Admit 🔨	
· · · · · · · · · · · · · · · · · · ·	8 Alt, Lindsay	07		3 Feb 07, 1999			Applied	Ţ.
558 matches	Selected: Matthew Allis	son (07th grade, 2			। बंब मान	👰 ြာ 🎸 🥕		
Info	Parents	Tuition		interra 1		יעס עם געייעם געיי new dup find flag r	_	
		Tuttion		story	Notes	liew app mine mag i	in the second prime and	
11	: 05339				Apply Grade:	07		
11	Matthew Allisor	<u>ו</u>			Apply School:	MC		
Nickname					Status:	Admit		
Address	: 1644 Roscomare Road Los Angeles, CA 90077				Contract Paid:	ON ON		
	(310) 472-5926							
	(310) 472-5926					February 7, 1999		
					Expot'd Date Start:	August 26, 1999		
Birthdate	: June 8, 1987 Age:	11			Expot'd Graduation:			
Sex	: 🖲 Male 🔾 Female				Prev School:	Wildwood		
Student Phone	:							
Student Phone Relations	: 🕲 <u>Allison, Heidi</u>	Primary	\boxtimes	ㅎ 쇼	Photo:			
new)							
				-11				
				4				
New Family: Siblings: Parent Count: 1								
EMeserow		Enter/edit data for	r currently sel	ected candidat	e for admission.		All School	Is
∮ ∋Back	Admissions Co	ntacts C	ourses	Grading	Supplies	Letters	Preferences	
Menu	Students Ca	lendar F	Rooms	Attendance	e Routines	Reports	Quit	
100 📕 🖬 🗖 B	rowse						-	

The first section of the system, Admissions, handles incoming students of Brentwood School. On the main screen of the Admissions section you'll see the following key elements:

- 1) Record Control and List. The record control portion of the screen offers four search fields: year, grade, status, and name. These menus can be used in any combination to control who appears in the list of students to the right. Leaving any of the controls empty will not constrict the search for that parameter, displaying all records, no matter what data appears in that field for any student. Note, only 1999 admissions records exist, therefore any other year in this field will result in no records appearing in the list. Try entering 1999 in the year field, and immediately note the list is populated with nearly 500 records. Then change the grade field to 07, and you'll see the list slim down significantly. Next, enter the letter "B" in the name field, and you'll receive only the 07th grade admissions candidates in 1999 whose last names begin with B.
- 2) Tab Options. The admissions tabs are: Info, Parents, Tuition, History, and Notes.

• *Info* – The main screen of the admissions section, here standard status, grade, school, name, phone, and related adult information is tracked. Students are tracked without addresses of their own, so you cannot enter

information into the address field in the center of the screen (note: all fields with a slight grey tint are calculated, and you will not be able to enter into them). Most fields here are self-explanatory.

The "Related" adult list on this screen does require a bit of explanation. First of all, it is to be used to associate any adults who play a role in the life of this student that should be tracked as "contacts" in the contacts section of the system. Clicking "New," you'll be presented with a menu of all people in the contacts database, and any of these adults may be associated with this student simply by choosing them from this menu. Next, you'll be asked to assign this person a role – if parental, either joint, primary, or secondary. You may also note grandparents or other non-immediate family, if you've created a record for the contact in the contacts section of the system (grandparents were specifically requested by the lower school). Finally for each contact you'll be able to designate if this is the adult with which the student lives. The contact who is designated with this label will be fed into the "address" field. Once a contact has been entered into the related list, you can click on that contact name and receive a quick summary of her/his information in a pop-up Wizard window. From there, you can choose to edit the contact's information (and click the "back" button to return to the admissions record). Finally, to edit a contact name once you've entered it, simply click the "e" button next to that contact's name.

• *Parents* – On this screen, you'll be able to investigate more thoroughly parents who have been added via the previous screen's related list. Their contact information can be browsed and edited, and other children of each parent (siblings) can be reviewed. The first parent listed will automatically selected, but simply click on the second parent to review/edit it. To receive Wizard information on a sibling, simply click the blue underlined name.

• *Tuition* - This screen is used to track tuition responsibility, payment methods, financial aid, scholarship, etc.

• *History* - This screen is a new concept added to handle checklist needs for the entire admissions process. Simply click in the first blank line of the activity column, and choose from the menu an event in the application process to add it. The item will automatically be time/date stamped, along with the user stamp of the user entering the item. The records will be sorted in descending date/time order, showing the most recent event first.

• *Notes* – This screen handles freeform notes on the candidate, time/date/user stamped and sorted in descending order. To add a note, simply click in the first blank line in the list (if empty that's the first line of the list) and type a note about the candidate.

2.2 Students

Students Name D Grade Status Sex Date Entered Date Left Graduation Flag Year 1 Alpert, Jackson G. 98096 09 Active M sep 01, 1902 Jun 15, 1905 Jun 15, 1902 Jun 15, 1902 Jun 15, 1902 Jun 15, 1902 Jun 15, 2002 Jun 15, 1905				Menu.fp3					
Year Qardeeon, Brittany A. 10500 09 Active M Jun 10, 1966 Jun 16, 2002 Jun	Students		ID	Grade Status	Sex	Date Entered		Graduation	Flag
Grade 03 Anstease, Alan 10500 09 Active F Aug 26, 1996 Jun 16, 2002 Jun 16, 2004									Ŷ
idea					M				
Status \$ Aranguri, Kenneth E. 10467 09 Active M Aug 26, 1996 Jun 16, 2002 Jun 16, 2002 Name \$ Assanti, Jeffrey 10463 09 Active M Aug 26, 1996 Aug 26, 1998 Aug 26, 1998 Jun 16, 2002 Jun 16, 2002 10 Balak, Candice A. 10826 09 Active M Aug 26, 1998 Aug 26, 1998 Jun 16, 2002 Jun 16, 2002 <td< td=""><td>Grade 09</td><td></td><td></td><td></td><td>F</td><td></td><td></td><td></td><td></td></td<>	Grade 09				F				
Name ⁶ Assanti, Jeffrey 10459 09 Active M Aug 26, 1996 Jun 16, 2002 Jun 16, 2004	Status								
Image: Second		• ·							
8 Balak, Candice A. 10826 09 Active M Aug 26, 1997 Jun 16, 2002 Jun 16, 200									
Info Courses Attendance Service College Parents History Notes Info Courses Attendance Service College Parents History Notes ID: 10502 Grade: 03 School: MC Name: Inheodore Anthony Status: Acidemic: Address: 332 24th Street Contract Paid: OY <on< td=""> Santa Monica, CA 90402 Gitti 458-9969 Contract Paid: OY<on< td=""> Santa Monica, CA 90402 Gitti 458-9969 Financial Aid: Amount: Gitti 458-9969 Scholarship: Amount: Insurance: OY ON Birthdate: December 29, 1984 Age: 15 Tuition Payment Method: Insurance: OY ON Student Phone: [Gitti 458-9963 Date Enteret: August 26, 1996 Date Left: June 16, 2002 Status Student Phone: [Gitti 458-9963 Date Left: June 16, 2002 Status Status Advisor Interest 4ugust 26, 1996 Status Status Statu</on<></on<>	<u> </u>							•	<u>.</u>
Info Courses Attendance Service College Parents History Notes rew dup find flag routine lock print trash ID: 10502 Grade: 09 School: MC Name: Infecdore Anthony Status: Active Name: Infecdore Anthony Status: Active Name: Infecdore Anthony Status: Active Address: 332 24th Street Contract Paid: Y N Santa Monica, CA 90402 Santa Monica, CA 90402 Contract Paid: Y N (310) 458-9969 Status: Active Insurance: Y N Bithdate: December 29, 1964 Age: 15 Tuition Payment Method: Insurance: Y N Student Phone: (310) 458-9969 Date Entered: August 26, 1996 Date Left: June 16, 2002 Prev School: Carthorp Graduation: June 16, 2002 Photo: Status: S	160 matches								
ID: 10502 Grade: 09 School: MC Name: Theodore Anthony Status: Active Nickname: Academic: Academic: Academic: Academic: Academic: Academic: Academic: Academic: Status: Active Academic: Academic: Academic: Academic: Status: Active Academic: Academic: Academic: Academic: Status: Academic: Academic: Status: Academic: Academi		ourses Attendance Service	College	Parents H	istorv	Notes			
Name: Theodore Anthony Status Active Nickname:					,				\neg
Nickname: Academic: Address: 332 24th Street Sarta Monica, CA 90402 Contract Paid: (310) 458-9963 Financial Aid: (310) 458-9963 Scholarship: Birthdate: December 29, 1984 Age: 15 Tuition Payment Method: Insurance: Sex: Male Ø Male Female Student Phone: (310) 458-9969 Joint Other Student Phone: (310) 458-9969 Prev School: Carthorp Birthdate: Date Entered: August 26, 1996 Date Left: June 16, 2002 Prev School: Carthorp Graduation: Birthdate: Stone, Elizabeth Primary Image: Basmagian, Daniel Advisor Mew Family: Siblings: Parent Count: Parent Count: EMeserow Enter/edit data for ourrently selected student. All Schools Grading Supplies Lefters	-							: MC	
Address: 332 24th Street Contract Paid: Y N Sarta Monica, CA 90402 Contract Paid: Y N (310) 458-9969 Financial Aid: Amount: Image: Amount:	-	Theodore Anthony				Status:	Active		
Sarta Monica, CA 90402 Contract Part. Financial Aid: Amount: (310) 458-9963 Scholarship: Amount: Main Birthdate: December 29, 1984 Age: 15 Tuition Payment Method: Insurance: O Y O N Sex: @ Male O Female Date Entered: August 26, 1996 Date Entered: August 26, 1996 Student Phone: (310) 458-9969 Date Left: June 16, 2002 O Y O N Prev School: Carthorp Graduation: June 16, 2002 O Y O N Prev School: Carthorp O and the second of the second o						Academic:			
(310) 458-9969 Financial Aid: Amount: (310) 458-9969 Scholarship: Amount: Birthdate: December 29, 1984 Age: 15 Tuition Payment Method: Insurance: OY ON Birthdate: December 29, 1984 Age: 15 Tuition Payment Method: Insurance: OY ON Sex: @ Male O Female Date Entered: August 26, 1996 Student Phone: (310) 458-9969 Date Left: June 16, 2002 Prev School: Carthorp Graduation: June 16, 2002 SS Number: Prev School: Carthorp Or aduation: June 16, 2002 New Family: Stone, Elizabeth Primary Primary Preverous Preverous Preverous Advisor New Family: Siblings: Parent Count: Parent Count: All Schools Courses Grading Supplies Letters Preferences						Contract Paid:	OY ON		
Birth date: December 29, 1964 Age: [15 Tuition Payment Method: Insurance: OY ON Sex: Male Female Date Entered: August 26, 1996 Student Phone: [(310) 458-9969] Date Left: June 16, 2002 Prev School: Cartthorp Graduation: June 16, 2002 SS Number: Photo: Photo: Photo: @ Basmagian, Daniel Advisor O III IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII						Financial Aid:	Am	ount:	٦ I
Birthdate: December 29, 1984 Age: 15 Tuition Payment Method: Insurance: OY N Sex: @ Male Female Date Entered: August 26, 1996 Date Left: June 16, 2002 Student Phone:		(310) 458-9969				Scholarship	Am	ount:	- 1
Sex: Male O Female Date Entered: August 26, 1996 Student Phone: (310) 458-9969 Date Lett: June 16, 2002 Prev School: Carthorp Graduation: June 16, 2002 SS Number: Photo: Photo: Basmagian, Daniel Advisor Photo: New Family: Siblings: Parent Count: Mew Family: Siblings: Parent Count: Bask Admissions Corrtacts Courses	l			т.	ition P:				
Student Phone: [(310) 458-9969 Prev School: Carthorp Prev School: Carthorp SS Number: Photo: SS Number: Photo: Prev School: Stone, Elizabeth Primary Photo: Prev School: Stone, Elizabeth Primary Photo: Preverse Photo: Preverse Stone, Oliver Stone, Oliver Joint Stone, Oliver Joint New Family: Siblings: Parent Count: Parent Count: EMeserow Enter/edit data for currently selected student. All Schools Spack Admissions Cortacts Courses Grading Supplies Letters				10					<u> </u>
Prev School: Carthorp Graduation: June 16, 2002 SS Number: Photo: Photo: Relations: @ Stone, Elizabeth Primary Photo: new @ Basmagian, Daniel Advisor Photo: w @ Stone, Oliver Joint Photo: New Family: Siblings: Parent Count: Parent Count: EMeserow Enter/edit data for currently selected student. All Schools @ Back Admissions Contacts Courses Grading Supplies Letters Preferences	Ļ								
SS Number: Photo: Relations: @ Stone, Elizabeth Primary @ D new @ Basmagian, Daniel Advisor D @ Stone, Oliver Joint D D New Family: Siblings: Parent Count: P EMeserow Enter/edit data for currently selected student. All Schools @ Back Admissions Contracts Courses Grading Supplies Letters Preferences	L						•		
Relations:		Carithorp					June 16, 2002		
new Basmagian, Daniel Advisor Basmagian, Daniel Advisor Diret Basmagian, Daniel Advisor Diret Basmagian, Daniel Advisor Diret Basmagian, Daniel Advisor Diret Bosting, Oliver Joint Diret Bosting, Oliver Joint Diret New Family: Siblings: Parent Count: EMeserow Enter/edit data for currently selected student. All Schools Back Admissions Courses Grading Supplies Letters Preferences	SS Number:					Photo:			
Stone, Oliver Joint Stone, Oliver Joint New Family: Siblings: Parent Count: Parent Count: EMeserow Enter/edit data for currently selected student. All Schools Spack Admissions Contracts Courses Grading Supplies Letters Preferences	Relations:	Stone, Elizabeth P	rimary ⊠⊑	1061년					
New Family: Siblings: Parent Count: Parent Count:<	new	Basmagian, Daniel A							
EMeserow Enter/edit data for currently selected student. All Schools		Stone, Oliver	oint 🗆 🗆	1000					
Back Admissions Contacts Courses Grading Supplies Letters Preferences	New Family:	🗌 Siblings: 🔲 Parent Cour	nt: 2			ļ			
	EMeserow		Enter/edit data for	currently selected	l studen	ıt.		All S	chools
Menu Students Calendar Rooms Attendance Routines Reports Quit	∜∋ Back	Admissions Contacts	Courses	Grading	3	Supplies	Letters	Preferen	ces
	Menu	Students Calendar	Rooms	Attendan	ce	Routines	Reports	Quit	

On the main screen of the Students section you'll see the familiar interface from previous builds, changed in several key ways:

- 3) Record Control and List. The record control portion of the screen now offers the same four search fields found in the admissions section: year, grade, status, and name. As in admissions, these menus can be used in any combination to control who appears in the list of students to the right. Also as with admissions, leaving any of the controls empty will not constrict the search for that parameter, displaying all records, no matter what data appears in that field for any student.
- **4) Tab Options.** The students tabs now consist of: Main Info, Courses, Tests, Attendance, Service, College, Parents, History, and Notes.

• *Info* – The main screen of the students section appears much the same as the main screen of the admissions screen, tracking standard status, grade, school, name, phone, and related adult information. See admissions above for information on how to use this screen.

• *Courses* – On this screen, you can investigate courses the student has taken, either as an entire transcript, or just the current year or semester. Selecting the 12th graders in the record control area, you'll see the power of

this tool. In future builds, this screen will additionally show final grades for these classes.

• Attendance - This screen is to be used to track a student's daily and classby-class attendance, but is still under construction until that module is more fully explored

• Service – Community service records can be tracked on this screen, including the student's entire history, just this year, or only this semester. Clicking the new entry button allows you to add a community service record at any time, choosing the agency from a menu of agencies found in the contacts database. Additionally, any record can be edited using the "e" button found next to the agency name.

• *College* - This screen lists the schools to which the student has applied, if any. Tracking college name, application status, and whether the student chose each school, this screen contributes to stats that can be reverse navigated in the Contacts section of the system (described below).

• *Parents* – Much like the Parents screen discussed above for the Admissions section of the system, this screen tracks and allows editing of those adults assigned a parental designator in the "Related" list on the info screen. For more information on navigating this screen's list of parents or siblings, see the Admissions instructions above.

• *History* - This screen is a new concept added to handle events in the student's time at Brentwood. From tuition payments and honor roll awards to correspondence with the student, this screen will be a useful tool for tracking a student as s/he learns at Brentwood. In future builds, letters will be automatically logged here as they are sent to a student. Each entry is date/time/user stamped automatically.

• *Notes* – This screen handles freeform notes on the student, time/date/user stamped and sorted in descending order. To add a note, simply click in the first blank line in the list and type a note about the student.

2.3 Contacts

				Menu.fø3			
Contacts	Туре	Name		City	Phone	Oth	her Flag
Catgry Agency Active Y	1 Agency 2 Agency 3 Agency	AIDS Project in L., Alliance for Surviv American Cancer	al	Los Angeles, CA Santa Monica, CA Culver City, CA	(310) 3		ry Rubin il Berlant
Name	4 Agency 5 Agency 6 Agency 7 Agency	American Diabete: American Heart As American Red Cro Amnesty Internatio	50C. SS	Los Angeles Los Angeles, CA Los Angeles, CA	(310) (310) 3 (310)	85-4231 Ma	ırk Taper
	8 Agency	Angel Flight		Santa Monica, CA	(310) 3	90-2958 Jim	י י ע
91 matches	Selected: Abrah	ams, Peggy (Par	ent)			💡 ଣି 🗞 🥕	<u>i</u> 4 e t
Info	More Info S	tudents Cla:	sses Proj	iects History	Notes	new dup find flag r	routine lock print trash
	D: 001289		Active: 🛛	<u>م</u> c.	ategory: Parent		
Nam	e: Ms. Peggy	Abra	hams		ategory:		
Compan				:	School: MC		
Titl	e:			7	Email:		
	s: 1047 11th Street	No. 10			/ebsite: http://		
Address Line :		140.10		-	Sex: 🔿 Male 🛛 🤇	Female	
City.St.Zp.Cntr	v: Santa Monica	CA 90403		- ₽	irthday:		
				Nic	kname:		
2nd Addres	s: 1047 11th Street	NO. 10			lumber:		
Address Line :	2: L ry: Santa Monica	CA 90403		4	Photo:		
1][
Phone		451-4463					
Phone:		151 1100					
Phone:		451-4463					
Phone	4: [L		
EMeserow		E	inter/edit data for	currently selected cont	act.		All Schools
d∋Back	Admissions	Contacts	Courses	Grading	Supplies	Letters	Preferences
Menu	Students	Calendar	Rooms	Attendance	Routines	Reports	Quit
100 📕 🖬 🖬 Brov	vse					·	4 1

On the main screen of the Contacts section you'll see the following elements:

- 1) Record Control and List. The record control portion of the screen offers three fields: category, active, and name. As in above sections, these menus can be used in any combination to control who appears in the list to the right. Also as with previous sections, leaving any of the controls empty will not constrict the search for that parameter, displaying all records no matter what data appears in that field for any student.
- 2) Tab Options. The contacts tabs now consist of: Main Info, More Info, Students, Classes, Projects, History, and Notes.

• *Info* – This main screen of the contacts section handles information generic to all types of contacts, functioning much like a rolodex card.

• *More* – Not all information tracked about a contact is generic, thus the more info screen handles information specific to the contact type – personnel departments, offices, etc.; trustee spouse information; community service organization need descriptions; parent spouse information.

• *Students* – This screen is helpful in tracking students associated with the currently selected contact. Try each type of contact, as they each display different student information on this screen – parents allowing reverse edit (like the parents edit screen in the students section); colleges giving listings

of students, their gpas, sat scores, etc; community service agencies display hours tracked; etc.

• *Classes* – Tracking classes associated with the currently selected contact, this screen is a useful tool in browsing teachers and community service agencies.

• *Projects* – This screen is intended to manage current projects of the staff, community service agencies, trustees (committees are viewed as projects), etc.

• *History* - This screen is a new concept added to handle events associated with the contact, from letters sent to calls, interviews, meetings, and other trackable events. To serve as example data, each staff member's hire date (and departure/return dates if applicable) have been moved to this interface.

• *Notes* – This screen handles freeform notes on the contact, time/date/user stamped and sorted in descending order. To add a note, simply click in the first blank line in the list and type a note about the contact.

2.4 Calendar

Not yet available.

2.5 Courses

			M	enu.fø3			2		
Courses	Subject	Number Name				Grade	Units Flag		
Subject	1 Arts	001 1999 2			Brian Vaughn		5 <u>企</u> 5		
	2 Arts 3 Arts	001 1999 1			Brian Vaughn Brian Vaughn		5		
	4 Arts	002 1999 1			Brian Vaughn		5		
Grade	5 Arts	003 1999 2			Brian Vaughn		5		
Name	6 Arts	003 1999 1	1 1 E Inter. Or	chestra	Brian Vaughn		5		
1	7 Arts	004 1999 2		chestra li	Brian Vaughn		5		
🏹	8 Arts	004 1999 1	1 1 E Inter. Or	chestra li	Brian Vaughn		5 - 잔		
1126 matches	Selected: INTER.	ORCHESTRA II (19	199/1/004/1/E, Vau	ghn)		🤪 🗗 🗞 🥕	ê 4 ¢		
Info	Schedules	Students	Department	Statistics	Notes	new dup find flag r	outine lock print trash		
				Desc	ription:				
Number/Name:	004 INTER. ORC	HESTRA II			is a filler description		s from the 🗘 📗		
Subject:	Arts			curr	iculum guide can be	imported.			
School:	MC								
Type:	○ Required ○ Elec	ctive							
Grade Level:									
Units per Sem:	5								
Length:	Full Year						₽		
Length: Honors/AP: Req Prereqs:	OY ®N								
Reg Preregs:					Year: 1999				
				Sem	nester: 1				
				S.	ction: 1				
	To be used in calcu	lation of GPA: 🔘	(ON			an Vaughn			
	Counts toward req num of courses per sem: OY ON Room: MUSC								
Approved by the Univ of California: UC Honors: Track: E									
	,								
EMeserow		Enter/edit cours	e offerings, in gene	ral or for specific ye.	ar/semester offered.		All Schools		
 d∋Back	Admissions	Contacts	Courses	Grading	Supplies	Letters	Preferences		
Menu	Students	Calendar	Rooms	Attendance	Routines	Reports	Quit		
100 🗖 🖬 🖬 Brov	wse								

Draft Manual: Brentwood School Information Management System Advanced Database Systems (ADS)

Page 9 of 14 Last printed 8/19/10 2:15 PM The Courses section functions as both a tool to look at the general course offerings of the Brentwood Schoo and also the year-specific instances of each course. On the main screen of the Courses section you'll see the following elements:

1) Record Control and List. The record control portion of the screen offers four search fields: subject, year, grade, and name. Leaving all of the record control fields empty, try clicking the sideways arrow next to one of the courses in the listing. You will see all instances of the class appear below it as the arrow turns downward. In this way, the information about the course is not repeated through each instance but is more logically displayed in relation to the master course record.

However, if you prefer to investigate just one year of the Brentwood master schedule (rather than looking at all instances of any designated course), simply enter 1999 into the Record Control "year" field. When you do so, and tab or click out of the field, you'll see the list change significantly. Now it lists each scheduled class for 1999 listed with their semester, section, track, room and teacher (without the turn-down arrows to the right).

2) **Tab Options.** First of all , the Info tab contains field information for the "parent" course, as well as the "child" schedule data if a child is selected. As usual, the data displayed corresponds to the selection in the listing above.

To test this functionality, clear the year you entered into the record control section so that we're looking at the parent/child view in the listing. Next, try selecting a "parent" record by clicking on one of the records with a sideways arrow next to it. The data below on the info tab should then correspond to the line you've selected. Next, click on the arrow next to the selected parent record, and then click on one of the children of the selected record. You will then note that a whole area of the info screen will appear, displaying the year, semester, section, teacher, track, and room of the selected instance of the course.

In this structure, the data about the course is stored only once, and only the year, semester, section, teacher, track, and room are stored repeatedly each semester when the course is offered. Therefore, changes to requirements, course name, grade level, or other settings stored separately from the year/sem specific data, will universally change throughout the system.

The tabs of the Courses section are as follows:

• *Info* – The main screen of the courses section, where school, subject, name, number, grade, type, prerequisites, and more is tracked. (Note: all fields with a slight grey tint are calculated, and you will not be able to enter into them). Most fields here are self-explanatory. Please take note of their value lists and provide us feedback about these.

• *Schedules* – This screen allows you to look quickly at all instances of this course in the past, including year, semester, section, teacher, track, room, etc. In addition using the buttons in the lower left, you may filter this information to merely look at this years' schedule, or this semester's.

• *Students* – This screen allows you to scroll through all students who have ever taken this course, or just this year, or this semester. Additionally you can look at students who are registering for this course next semester — though this data is faked as a part of the dummy system we've established using the new RegTool and Registra.fp3 databases.

• *Department* – On this screen, all teachers teaching the same subject as the subject of the course currently selected are displayed. Other information about the department can be added to this screen if necessary.

• *Statistics* – This screen is planned to give you a quick view of the importance, status, level, and usage of this course in the Brentwood curriculum. Our ideas for quick stats are shown (though non-functional since they primarily have to do with attendance and grades, sections not yet completed in the system. Please supply us with additional ideas for statistics you might use in reviewing the curriculum, in general or specificially for schedule-creating tasks.

• *Notes* – This screen handles freeform notes on the course, time/date/user stamped and sorted in descending order. To add a note, simply click in the first blank line in the list (if empty that's the first line of the list) and type a note about the course.

3) Toolpad buttons.

• *Routines button.* Several major programs have been written to batch process course records, including:

- *Edit Student Registration* Edit the courses students signed up for prior to processing through the scheduling program.
- Enter New Master Schedule Create next semester's master schedule.

• *Import Registration Bubble Sheets* - Import registration after scanning. This program will automatically bring the most recent student bubble sheet scan set into the system.

• *Perform Scheduling* - Begin scheduling the most recently imported registration. Will assign students to courses/sections according to their grade level, number of honors/AP courses requested, and then randomly. Note: see feedback for questions about semesters and alternates.

• *Reset Registration/Scheduling* - Delete newly imported registration bubble sheets & scheduled course assignments for students currently in registration for the new semester. Note: This is done automatically when you run "Import Registration Bubble Sheets."

These programs, new to this build, are available through the "routine" button on the right hand side of the screen, alongside the new, dup, buttons, etc.

Try clicking the "routine" button, and you'll be prompted to select from a menu the batch process you'd like to run. Change the menu selection a few times, and you'll see that a description of each program appears. This method of offering routines will allow us very flexible growth as new programs are required to maintain the data. The registration and scheduling programs are for the most part selfexplanatory, or only understandable by analyzing the reports outlined below. However, the "Enter New Master Schedule" program might take a bit of explanation. Try running this program, and you'll be asked what target year you'd like to create a schedule for, and what source year you'd like to use. Once selected, the program will check to see that the source year exists and that the target year does not yet exist, and then will allow it to run. Try choosing 2001 based on 1999, and click OK. This program will take a little while, but you are able to use the progress bar to know how long you have to wait. When it is done, you will be dropped back into the courses browser, with the year 2001 already designated in the record control section of the screen, controlling the list view to show only 2001 records. You can then use the previous and next buttons to go through the records and edit them. Again, any changes made to the main data of the record -- everything but the year/semester, track, room, section, or teacher -- will be made throughout the system, so that semester 1 to semester 2 changes are automatic for the majority of the information.

Try running each of the other programs. The results of their work will be available in the reports outlined below.

• *Reports.* The following reports are available in the reports/courses section of the system, or by clicking on the "Print" button on the right hand side of the screen:

- Course Tally Report Number of scheduled students in each course.
- *Scan Tally Report* Number of scheduled students requesting each course on their scan bubble sheets
- *Student Course Requests* Course requests made on bubble scan sheets for registration.
- Student Course Assignments Students assigned to each class scheduled.
- *Registration Exception Report* Errors found in running registration scan bubble sheets.
- **Conflict Matrix** Courses listed with the courses its students are taking and how many of the students are in each.

These reports should be familiar to you as they seem to be the core of the registration and scheduling process.

To pull any of these reports, simply click the printer icon on the button pad and you'll get a simple pull down list of available reports. Select one and click OK, and you'll be shown a preview of the report before you can go on (by clicking "Continue") to print the report.

Try each of these reports to test the results of the above routines. Please note, the more complex of the routines and reports require your scrutiny and a bit of discussion before they will be perfected. See the feedback section for specific queries.

2.6 Rooms

			Menu.fp3				
Rooms	Туре	Code	Name				Flag
	1 Advising	CLGC	College Counseling			10	
Туре	2 Cafeteria 3 Classroom	CAFE	Cafeteria Room 001			100	*
Cap	3 Classroom 4 Classroom	R001 R002	Room 001			20 20	
Name	5 Classroom	R002 R003	Room 003			20	~ III
	6 Classroom	R004	Room 004			20	*
	7 Classroom	R005	Room 005			22	
	8 Classroom	R006	Room 006			22	-₹-
95 matches	Selected: Room	102 (Classroom)			👰 🗗 🎸 🕕	<u>î</u> 49 <u>B</u>	. 🖶
Info	Course Usage		Statistics	Notes	new dup find flag r		
	Course osage	e Alter School Osage	Statistics	Notes	<u> </u>		
Code: RC	102						
Name: Ro							
Capacity: 20							
Type: Cla	assroom						
Description:							
Description.							
Description:							
0							
ní l							
EMeserow		ure section which will track ro		hool, including usage by		All Sc	
Back	Admissions	Contacts Co	urses Gradin	g Supplies	Letters	Preferenc	es
Menu	Students	Calendar Ro	oms Attendar	nce Routines	Reports	Quit	
100 🔔 🖬 📰 🛛 Bro	wse						

The rooms section of the system functions similarly to other sections you've been introduced to above. The record control fields are type, capacity, and name, and the list then displays matching rooms. The selected list item displays in the tab interface below, including the tabs:

Tab Options. The rooms tabs consist of: Info, Course Usage, After School Usage, Statistics, and Notes.

• **Info** – The main screen of the rooms section, where the code, name, capacity, types (up to four), and description.

• **Course Usage** – This screen gives a listing of the uses of this room, in decending chronological order.

• After School Usage – This screen allows you to log usage of the room after school (or outside master schedule usage). Simply add a record by entering data into the date, time, and activity fields.

• **Statistics** – This screen is planned to give you a quick view of the importance, status, level, and usage of this room in Brentwood School. There are very few fields here thus far, and ideas are welcome. In future

(esp. with FileMaker 5.0) we have plans to have graphing data and other statistical info to help capture at a glance usage information about the room.

• **Notes –** This screen handles freeform notes on the room, time/date/user stamped and sorted in descending order. To add a note, simply click in the first blank line in the list (if empty that's the first line of the list) and type a note about the room.