



Seat Analysis Tool

Strategic Research and Analysis and Academic Affairs
Valdosta State University

<http://www.valdosta.edu/sra>

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Questions about the information contained in this report should be directed to Strategic Research and Analysis. Information in this report can be used with appropriate citations to Strategic Research and Analysis for our work.



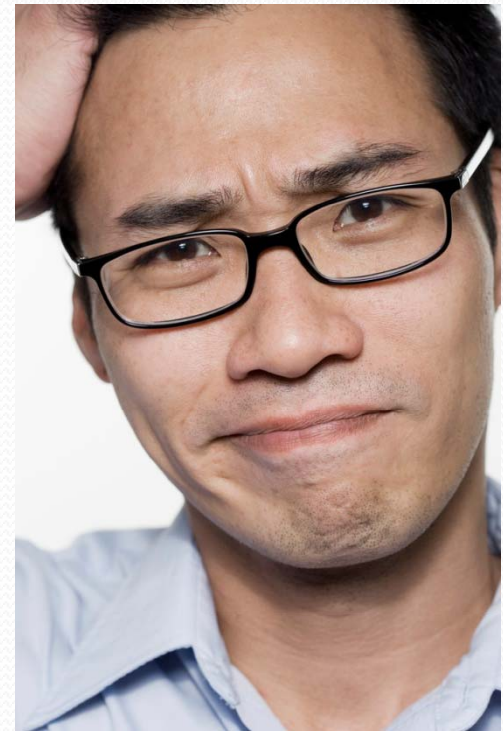
Introduction and Purpose

Dr. Gunter



Seat Analysis Tool

- What is the Seat Analysis Tool?
 - The Seat Analysis tool allows users to **compare term-to-term seat capacity and occupancy for individual courses** for the past three years and **makes a prediction** for the upcoming term based upon enrollment projections.
- How does the Seat Analysis Tool predict the future courses?
 - The tool uses an enrollment prediction model to **estimate** the number of **students** who will be **enrolled in each course** during a future term.
 - The tool accounts for **three previous semesters** (i.e., fall to fall or spring to spring) by **averaging enrollment** by classification and utilizing calculations from the **enrollment projection model**.





Seat Analysis Tool Caveats

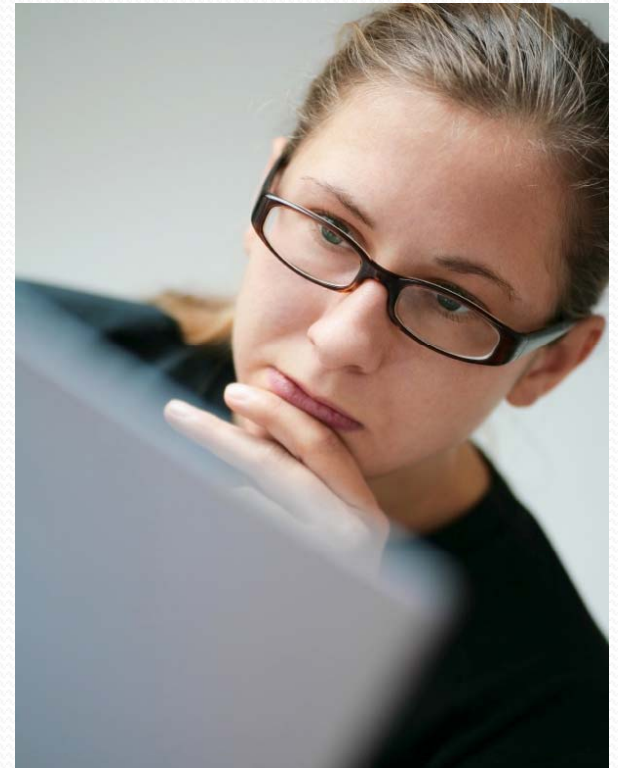
1. The data are a starting point and need qualitative information to arrive at final course and seat offerings.
2. Courses not offered in the coming term still have a prediction based on previous years.
3. Courses that are being offered for the first time in the upcoming term will not generate prediction data and will not display actual data until students register for the course.
4. Currently, the seat analysis tool is manually updated and may not reflect the most up to date enrollment data.
5. The Seat Analysis Tool is new and may require additional adjustments throughout the first term of usage. Your comments and suggestions are welcomed.





Seat Analysis Tool Caveats

6. FLC supersections where many sections are taught by the same professor are not represented appropriately in the analysis tool.
 - Currently the tool shows that many faculty are needed to teach sections when actually the grouping is a supersection taught by one person.
7. The Seat Analysis Tool was created to aid in planning for the appropriate number of courses needed each term.
 - The tool does not take into consideration course release time, cohort changes, course substitutions or additions, etc.
 - Therefore, departmental judgment should be exercised when using the tool to plan for future semesters.





Seat Analysis Reports



Example 1: Biology Fall 2010

Prediction Fall 2010

Current Fall 2010

Prediction Year 4				Current Year 4				
<u>BIOL 1010 (Biol Evolution and Diversity) Fall 2010</u>				<u>BIOL 1010 (Biol Evolution and Diversity) Fall 2010</u>				
Classification	#	% Course	% Univ.	Classification	#	% Course	% Univ.	
1. Freshman (New)	245	40.563	8.8756	1. Freshman (New)	272	69.4	11.5	
1. Freshman(Cont./Other)	97	16.06	6.4925	1. Freshman(Cont./Other)	19	4.8	1.2	
2. Sophomore(Cont./Other)	150	24.834	7.1933	2. Sophomore(Cont./Other)	58	14.8	2.8	
3. Junior(Cont./Other)	88	14.57	4.2105	3. Junior(Cont./Other)	29	7.4	1.5	
4. Senior(Cont./Other)	22	3.642	.8786	4. Senior(Cont./Other)	14	3.6	.6	
7. Graduate(Cont.)	2	.331	.1048	All Students	392	100%	3.473	
All Students	604	100%	4.526	Course Details	Faculty Details			
<u>Course Prediction Details</u>				Sections	9	Full	Not-Reported	1
Sections	6.56			Seats Offered	421	Time	Temporary	7
Total Enroll	604			Total Enroll	392	Full	Instructor	
SCH	1812			SCH	1176	Time	Part	
Avg. Section Enroll	92.13			Avg. Section Enroll	43.56	Time	Instructor	1
Avg. Max Enroll	93.56			Avg. Max Enroll	46.78			
<u>BIOL 1020L (Biodiversity Lab) Fall 2010</u>				<u>BIOL 1020L (Biodiversity Lab) Fall 2010</u>				
Classification	#	% Course	% Univ.	Classification	#	% Course	% Univ.	
1. Freshman (New)	217	38.339	7.8757	1. Freshman (New)	268	70	11.3	
1. Freshman(Cont./Other)	92	16.254	6.1194	1. Freshman(Cont./Other)	17	4.4	1.1	
2. Sophomore(Cont./Other)	139	24.558	6.6279	2. Sophomore(Cont./Other)	60	15.7	2.9	
3. Junior(Cont./Other)	93	16.431	4.4498	3. Junior(Cont./Other)	25	6.5	1.3	
4. Senior(Cont./Other)	23	4.064	.889	4. Senior(Cont./Other)	13	3.4	.6	
7. Graduate(Cont.)	2	.353	.1048	All Students	383	100%	3.3933	
All Students	566	100%	4.2413	Course Details	Faculty Details			
<u>Course Prediction Details</u>				Sections	17	Full Time	Instructor	4
Sections	24.54			Seats Offered	421	Full Time	Not-Reported	12
Total Enroll	566			Total Enroll	383	Part Time	Instructor	1
SCH	566			SCH	383			
Avg. Section Enroll	23.07			Avg. Section Enroll	22.53			
Avg. Max Enroll	24.05			Avg. Max Enroll	24.76			



Example 2: English Spring 2011

Spring 2008

Spring 2009

Spring 2010

<u>ENGL 1101 (Composition I) Spring 2008</u>				<u>ENGL 1101 (Composition I) Spring 2009</u>				<u>ENGL 1101 (Composition I) Spring 2010</u>			
Classification	#	% Course	% Univ.	Classification	#	% Course	% Univ.	Classification	#	% Course	% Univ.
1. Freshman (New)	69	25.4	65.1	1. Freshman (New)	71	26.8	70.3	1. Freshman (New)	78	26.4	68.4
1. Freshman(Cont./Other)	164	60.3	9.9	1. Freshman(Cont./Other)	159	60	9.4	1. Freshman(Cont./Other)	185	62.5	9.5
2. Sophomore(Cont./Other)	31	11.4	1.5	2. Sophomore(Cont./Other)	27	10.2	1.3	2. Sophomore(Cont./Other)	29	9.8	1.3
3. Junior(Cont./Other)	5	1.8	.3	3. Junior(Cont./Other)	7	2.6	.4	3. Junior(Cont./Other)	2	.7	.1
Joint Enrolled	3	1.1	8.3	4. Senior(Cont./Other)	1	.4	0	4. Senior(Cont./Other)	1	.3	0
All Students	272	100%	2.5442	All Students	265	100%	2.3859	Joint Enrolled	1	.3	6.3
Course Details	Faculty Details			Course Details	Faculty Details			Course Details	Faculty Details		
Sections	12	Full Time Assistant Professor 1		Sections	12	Full Time Instructor 2		Sections	15	Full Time Assistant Professor 2	
Seats Offered	290	Full Time Instructor 1		Seats Offered	290	Full Time Lecturer 3		Seats Offered	389	Full Time Lecturer 4	
Total Enroll	272	Full Time Professor 1		Total Enroll	265	Full Time Professor 1		Total Enroll	296	Full Time Not-Reported 2	
SCH	816	Full Time Temporary Instructor 9		SCH	795	Full Time Temporary Instructor 6		SCH	888	Full Time Temporary Instructor 7	
Avg. Section Enroll	22.67			Avg. Section Enroll	22.08			Avg. Section Enroll	19.73		
Avg. Max Enroll	24.17			Avg. Max Enroll	24.17			Avg. Max Enroll	25.93		
<u>ENGL 1102 (Composition II) Spring 2008</u>				<u>ENGL 1102 (Composition II) Spring 2009</u>				<u>ENGL 1102 (Composition II) Spring 2010</u>			
Classification	#	% Course	% Univ.	Classification	#	% Course	% Univ.	Classification	#	% Course	% Univ.
1. Freshman (New)	5	.3	4.7	1. Freshman (New)	6	.3	5.9	1. Freshman (New)	4	.2	3.5
1. Freshman(Cont./Other)	1186	71.8	71.8	1. Freshman(Cont./Other)	1240	71	73.1	1. Freshman(Cont./Other)	1308	70.2	66.9
2. Sophomore(Cont./Other)	412	25	20.2	2. Sophomore(Cont./Other)	459	26.3	21.5	2. Sophomore(Cont./Other)	513	27.5	22.9
3. Junior(Cont./Other)	23	1.4	1.2	3. Junior(Cont./Other)	24	1.4	1.2	3. Junior(Cont./Other)	19	1	.9
4. Senior(Cont./Other)	16	1	.5	4. Senior(Cont./Other)	9	.5	.3	4. Senior(Cont./Other)	10	.5	.3
Joint Enrolled	9	.5	25	Joint Enrolled	9	.5	47.4	Joint Enrolled	9	.5	56.3
All Students	1651	100%	15.4429	All Students	1747	100%	15.7288	All Students	1863	100%	15.6699
Course Details	Faculty Details			Course Details	Faculty Details			Course Details	Faculty Details		
Sections	68	Full Time Assistant Professor 6		Sections	71	Full Time Assistant Professor 8		Sections	78	Full Time Associate Professor 2	
Seats Offered	1642	Full Time Professor 2		Seats Offered	1740	Full Time Lecturer 34		Seats Offered	1968	Full Time Instructor 1	
Total Enroll	1651	Full Time Temporary Instructor 44		Total Enroll	1747	Full Time Professor 1		Total Enroll	1863	Full Time Lecturer 30	
SCH	4953	Part Time Graduate Assistant 2		SCH	5241	Full Time Temporary Instructor 19		SCH	5589	Full Time Not-Reported 4	
Avg. Section Enroll	24.28	Part Time Instructor 14		Avg. Section Enroll	24.61	Part Time Graduate Assistant 2		Avg. Section Enroll	23.88	Full Time Teaching Staff 2	
Avg. Max Enroll	24.15			Avg. Max Enroll	24.51	Part Time Instructor 7		Avg. Max Enroll	25.23	Full Time Temporary Instructor 22	
										Part Time Instructor 13	
										Part Time Teaching Assistant 4	

Prediction Spring 2011

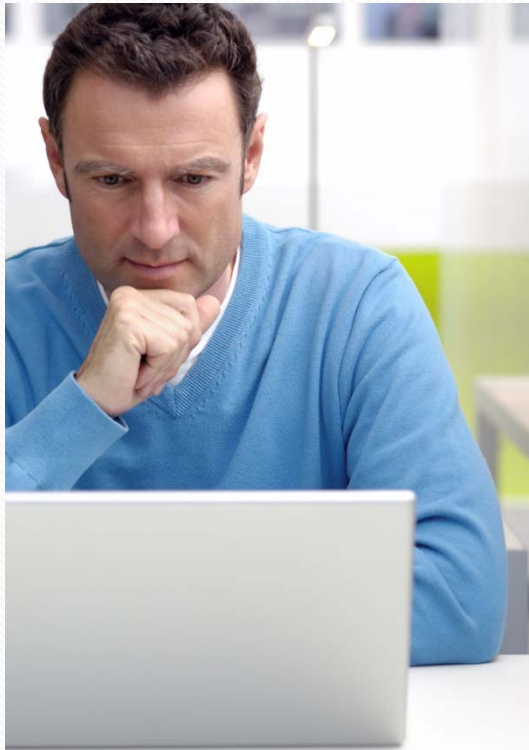
Current Spring 2011

<u>ENGL 1101 () Not offered this term.</u>				<u>ENGL 1101 () Not offered this term.</u>			
Classification	#	% Course	% Univ.	Classification	#	% Course	% Univ.
1. Freshman (New)	127	30.095	67.9128	All Students		100%	
1. Freshman(Cont./Other)	258	61.137	9.5795				
2. Sophomore(Cont./Other)	31	7.346	1.3549				
3. Junior(Cont./Other)	5	1.185	.2351				
4. Senior(Cont./Other)	1	.237	.0284				
All Students	422	100%	3.315				
<u>Course Prediction Details</u>				<u>Course Details</u>		<u>Faculty Details</u>	
Sections	19.76			Sections	0		
Total Enroll	422			Seats Offered			
SCH	1266			Total Enroll			
Avg. Section Enroll	21.36			SCH			
Avg. Max Enroll	24.85			Avg. Section Enroll			
				Avg. Max Enroll			
<u>ENGL 1102 () Not offered this term.</u>				<u>ENGL 1102 () Not offered this term.</u>			
Classification	#	% Course	% Univ.	Classification	#	% Course	% Univ.
1. Freshman (New)	9	.371	4.6729	All Students		100%	
1. Freshman(Cont./Other)	1897	78.13	70.413				
2. Sophomore(Cont./Other)	487	20.058	21.5543				
3. Junior(Cont./Other)	25	1.03	1.1085				
4. Senior(Cont./Other)	10	.412	.3361				
All Students	2428	100%	19.0731				
<u>Course Prediction Details</u>				<u>Course Details</u>		<u>Faculty Details</u>	
Sections	100.15			Sections	0		
Total Enroll	2428			Seats Offered			
SCH	7284			Total Enroll			
Avg. Section Enroll	24.24			SCH			
Avg. Max Enroll	24.65			Avg. Section Enroll			
				Avg. Max Enroll			

Current Spring 2011 will not begin generating until Spring registration starts in November.



Seat Analysis Tool



www.valdosta.edu/sra/



Seat Analysis Tool

Help

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Seat Analysis Tool

VALDOSTA STATE UNIVERSITY

Housing Counts Course_Backlog

Course Backlog

Refresh

Term Fall 2010

Subject ACCT

Click refresh to load data.

Refresh

First, choose the semester.

Second, choose the subject area.

Third, select refresh for data to populate.



Questions and Comments



<http://www.valdosta.edu/sra>