

Comparison of Failure Rates: Traditional Classes –vs– Learning Logic

From Sandy Rieke at New Mexico Military Academy on 4/26/01

TRADITIONAL CLASSES:

Grades of Students in Sandy Rieke's SAXON Classes

ALGEBRA IA										SAXON TOTALS %		
Year:	1989	1990	1991	1992	1993	1994	1995	1996	1997			
A	3	12	8	2	4	8	-	-	-	A	37	21%
B	4	6	7	3	11	9	-	-	-	B	40	23%
C	4	6	10	4	7	7	-	-	-	C	38	22%
D	5	7	7	2	5	5	-	-	-	D	31	18%
F	1	9	7	7	3	1	-	-	-	F	30	17%
WF	2	0	0	0	0	0	-	-	-	TOTAL:	176	

ALGEBRA IB												
Year:	1990	1991	1992	1993	1994	1995	1996	1997	1998			
A	2	6	-	-	-	5	-	-	-	A	13	19%
B	1	5	-	-	-	6	-	-	-	B	12	17%
C	2	0	-	-	-	6	-	-	-	C	8	11%
D	2	4	-	-	-	8	-	-	-	D	14	20%
F	4	6	-	-	-	12	-	-	-	F	23	33%
WF	1	0	-	-	-	0	-	-	-	TOTAL:	70	

Algebra II Grades:

ALGEBRA IIA												
Year:	1989	1990	1991	1992	1993	1994	1995	1996	1997			
A	7	14	12	15	6	10	15	8	4	A	91	27%
B	11	11	12	7	4	10	9	15	7	B	86	25%
C	13	15	10	7	1	13	10	7	6	C	82	24%
D	10	6	5	7	2	4	7	6	2	D	49	14%
F	8	6	6	1	1	1	5	3	1	F	34	10%
WF	2	0	0	0	0	0	0	0	0	TOTAL:	342	

ALGEBRA IIB												
Year:	1990	1991	1992	1993	1994	1995	1996	1997	1998			
A	11	14	18	11	8	14	9	5	-	A	90	27%
B	8	7	10	8	3	10	13	4	-	B	63	19%
C	5	15	12	10	9	6	9	5	-	C	71	21%
D	5	15	13	7	8	12	9	5	-	D	74	22%
F	7	6	11	4	2	3	2	2	-	F	37	11%
WF	0	0	0	0	0	0	0	0	-	TOTAL:	335	

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LEARNING LOGIC LAB:

Grades of Students in Sandy Rieke's Learning Logic Lab

ALGEBRA IA							LL TOTALS %		
Year:	1995(LL)	1996(LL)	1997(LL)	1998(LL)	1999(LL)	2000(LL)			
A	3	7	6	4	6	2	A	28	13%
B	17	9	14	15	12	15	B	82	39%
C	9	7	6	13	13	10	C	58	28%
D	0	0	2	1	3	2	D	8	4%
F	7	9	7	3	6	2	F	34	16%
WF	0	0	0	0	0	0	TOTAL:	210	

ALGEBRA IB									
Year:	1996(LL)	1997(LL)	1998(LL)	1999(LL)	2000(LL)	2001(LL)			
A	4	5	5	9	4	5	A	32	17%
B	8	8	7	6	14	6	B	49	26%
C	12	8	14	9	11	6	C	60	32%
D	2	1	1	6	5	8	D	23	12%
F	3	5	3	1	2	12	F	26	14%
WF	0	0	0	0	0	0	TOTAL:	190	

Algebra II Grades:

ALGEBRA IIA									
Year:	1995	1996	1997	1998(LL)	1999(LL)	2000(LL)			
A	-	-	-	9	13	3	A	25	22%
B	-	-	-	11	14	15	B	40	35%
C	-	-	-	10	13	13	C	36	32%
D	-	-	-	1	2	6	D	9	8%
F	-	-	-	0	0	3	F	3	3%
WF	-	-	-	0	0	0	TOTAL:	113	

ALGEBRA IIB									
Year:	1996	1997	1998	1999(LL)	2000(LL)	2001(LL)			
A	-	-	-	13	18	-	A	31	34%
B	-	-	-	14	15	-	B	29	32%
C	-	-	-	13	14	-	C	27	29%
D	-	-	-	2	2	-	D	4	4%
F	-	-	-	0	1	-	F	1	1%
WF	-	-	-	0	0	-	TOTAL:	92	

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Comparison of Algebra IB Failure Rates

