

SAAA Summary, Color Evaluation PET233

Outcome: Technical	Student's demonstration of outcome competency - % projects in each scored category										# Students	Avg.
	Score of 1	Score of 2	Score of 3	Score of 4	Score of 5							
Injection molding machine operation												
Spring 2000	0	0%	0	0%	5	25%	8	40%	7	35%	20	4.1
Spring 2001	0	0%	0	0%	1	10%	3	30%	6	60%	10	4.5
Spring 2002	0	0%	0	0%	3	19%	5	31%	8	50%	16	4.3
Spring 2004	0	0%	0	0%	5	17%	12	40%	13	43%	30	4.3
Spring 2006	0	0%	0	0%	7	25%	13	46%	8	29%	28	4.0
Total	0	0%	0	0%	21	20%	41	39%	42	40%	104	4.2
Color matching/ chip making process												
Spring 2000	0	0%	0	0%	5	25%	8	40%	7	35%	20	4.1
Spring 2001	0	0%	0	0%	1	10%	3	30%	6	60%	10	4.5
Spring 2002	0	0%	0	0%	3	19%	5	31%	8	50%	16	4.3
Spring 2004	0	0%	0	0%	4	13%	13	43%	13	43%	30	4.3
Spring 2006	0	0%	0	0%	8	29%	13	46%	7	25%	28	4.0
Total	0	0%	0	0%	21	20%	42	40%	41	39%	104	4.2
Instrumental color evaluation												
Spring 2000	0	0%	0	0%	4	20%	14	70%	2	10%	20	3.9
Spring 2001	0	0%	0	0%	3	30%	2	20%	5	50%	10	4.2
Spring 2002	0	0%	0	0%	5	31%	6	38%	5	31%	16	4.0
Spring 2004	0	0%	0	0%	8	27%	11	37%	11	37%	30	4.1
Spring 2006	0	0%	0	0%	6	21%	16	57%	6	21%	28	4.0
Total	0	0%	0	0%	26	25%	49	47%	29	28%	104	4.0
Light booth use												
Spring 2000	0	0%	0	0%	6	30%	12	60%	2	10%	20	3.8
Spring 2001	0	0%	0	0%	2	20%	2	20%	6	60%	10	4.4
Spring 2002	0	0%	0	0%	2	13%	9	56%	5	31%	16	4.2
Spring 2004	0	0%	0	0%	4	13%	15	50%	11	37%	30	4.2
Spring 2006	0	0%	0	0%	7	25%	17	61%	4	14%	28	3.9
Total	0	0%	0	0%	21	20%	55	53%	28	27%	104	4.1
Evaluate colorant performance properties												
Spring 2000	0	0%	1	5%	2	10%	13	65%	4	20%	20	4.0
Spring 2001	0	0%	0	0%	3	30%	5	50%	2	20%	10	3.9
Spring 2002	0	0%	0	0%	5	31%	8	50%	3	19%	16	3.9
Spring 2004	0	0%	0	0%	6	21%	13	46%	9	32%	28	4.1
Spring 2006	0	0%	0	0%	6	21%	17	61%	5	18%	28	4.0
Total	0	0%	1	1%	22	22%	56	55%	23	23%	102	4.0
Mathematics												
Mathematical reasoning												
Spring 2000	0	0%	3	15%	9	45%	7	35%	1	5%	20	3.3
Spring 2001	0	0%	0	0%	3	30%	6	60%	1	10%	10	3.8
Spring 2002	0	0%	0	0%	6	38%	9	56%	1	6%	16	3.7
Spring 2004	0	0%	0	0%	13	43%	13	43%	4	13%	30	3.7
Spring 2006	0	0%	1	4%	11	39%	9	32%	7	25%	28	3.8
Total	0	0%	4	4%	42	40%	44	42%	14	13%	104	3.7

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Outcome:	Student's demonstration of outcome competency - % projects in each scored category										# Students	Avg.	
Technical	Score of 1	Score of 2	Score of 3	Score of 4	Score of 5								
<b>Connecting with other disciplines</b>													
Spring 2000	0	0%	3	14%	9	43%	8	38%	1	5%	21	3.3	
Spring 2001	0	0%	0	0%	3	30%	6	60%	1	10%	10	3.8	
Spring 2002	0	0%	0	0%	6	38%	9	56%	1	6%	16	3.7	
Spring 2004	0	0%	0	0%	14	47%	12	40%	4	13%	30	3.7	
Spring 2006	0	0%	1	4%	11	39%	9	32%	7	25%	28	3.8	
Total	0	0%	4	4%	43	41%	44	42%	14	13%	105	3.6	
<b>Mathematical communication</b>													
Spring 2000	0	0%	3	15%	7	35%	9	45%	1	5%	20	3.4	
Spring 2001	0	0%	0	0%	2	20%	7	70%	1	10%	10	3.9	
Spring 2002	0	0%	0	0%	4	25%	11	69%	1	6%	16	3.8	
Spring 2004	0	0%	0	0%	14	47%	13	43%	3	10%	30	3.6	
Spring 2006	0	0%	1	4%	10	36%	10	36%	7	25%	28	3.8	
Total	0	0%	4	4%	37	36%	50	48%	13	13%	104	3.7	
<b>Number sense</b>													
Spring 2000	0	0%	4	19%	7	33%	9	43%	1	5%	21	3.3	
Spring 2001	0	0%	0	0%	3	30%	6	60%	1	10%	10	3.8	
Spring 2002	0	0%	0	0%	4	25%	11	69%	1	6%	16	3.8	
Spring 2004	0	0%	0	0%	13	45%	13	45%	3	10%	29	3.7	
Spring 2006	0	0%	1	4%	11	39%	9	32%	7	25%	28	3.8	
Total	0	0%	5	5%	38	37%	48	46%	13	13%	104	3.7	
<b>Communication Organize</b>													
Spring 2000	0	0%	4	20%	2	10%	3	15%	11	55%	20	4.1	
Spring 2001	0	0%	0	0%	1	10%	6	60%	3	30%	10	4.2	
Spring 2002	0	0%	1	6%	6	38%	6	38%	3	19%	16	3.7	
Spring 2004	0	0%	2	7%	11	37%	11	37%	6	20%	30	3.7	
Spring 2006	0	0%	2	7%	8	29%	9	32%	9	32%	28	3.9	
Total	0	0%	9	9%	28	27%	35	34%	32	31%	104	3.9	
<b>Research</b>													
Spring 2000	0	0%	5	25%	1	5%	2	10%	12	60%	20	4.1	
Spring 2001	0	0%	0	0%	1	10%	8	80%	1	10%	10	4.0	
Spring 2002	0	0%	2	13%	7	44%	6	38%	1	6%	16	3.4	
Spring 2004	0	0%	0	0%	11	37%	13	43%	6	20%	30	3.8	
Spring 2006	0	0%	2	7%	8	29%	12	43%	6	21%	28	3.8	
Total	0	0%	9	9%	28	27%	41	39%	26	25%	104	3.8	
<b>Evaluate sources</b>													
Spring 2000	0	0%	7	35%	10	50%	3	15%	0	0%	20	2.8	
Spring 2001	0	0%	2	20%	5	50%	3	30%	0	0%	10	3.1	
Spring 2002	0	0%	2	13%	7	44%	7	44%	0	0%	16	3.3	
Spring 2004	0	0%	2	7%	11	37%	11	37%	6	20%	30	3.7	
Spring 2006	0	0%	2	7%	8	29%	14	50%	4	14%	28	3.7	

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	Total	Score of 1	Score of 2	Score of 3	Score of 4	Score of 5							
		0	0%	15	14%	41	39%	38	37%	10	10%	104	3.4
Synthesize													
	Spring 2000	0	0%	7	35%	8	40%	5	25%	0	0%	20	2.9
	Spring 2001	0	0%	1	10%	6	60%	3	30%	0	0%	10	3.2
	Spring 2002	0	0%	1	6%	8	50%	7	44%	0	0%	16	3.4
	Spring 2004	0	0%	1	3%	12	40%	11	37%	6	20%	30	3.7
	Spring 2006	0	0%	2	7%	8	29%	14	50%	4	14%	28	3.7
	Total	0	0%	12	12%	42	40%	40	38%	10	10%	104	3.5
Document sources													
	Spring 2000	0	0%	7	35%	12	60%	1	5%	0	0%	20	2.7
	Spring 2001	0	0%	1	10%	7	70%	2	20%	0	0%	10	3.1
	Spring 2002	0	0%	2	13%	6	38%	8	50%	0	0%	16	3.4
	Spring 2004	0	0%	2	7%	12	40%	10	33%	6	20%	30	3.7
	Spring 2006	0	0%	2	7%	8	29%	14	50%	4	14%	28	3.7
	Total	0	0%	14	13%	45	43%	35	34%	10	10%	104	3.4
Use conventions of standard English													
	Spring 2000	0	0%	2	10%	9	45%	9	45%	0	0%	20	3.4
	Spring 2001	0	0%	0	0%	3	30%	6	60%	1	10%	10	3.8
	Spring 2002	0	0%	1	6%	2	13%	10	63%	3	19%	16	3.9
	Spring 2004	0	0%	1	3%	11	37%	12	40%	6	20%	30	3.8
	Spring 2006	0	0%	2	7%	7	25%	12	43%	7	25%	28	3.9
	Total	0	0%	6	6%	32	31%	49	47%	17	16%	104	3.7
Communicate effectively orally													
	Spring 2000	0	0%	5	25%	9	45%	6	30%	0	0%	20	3.1
	Spring 2001	0	0%	2	20%	2	20%	2	20%	4	40%	10	3.8
	Spring 2002	0	0%	2	13%	8	50%	4	25%	2	13%	16	3.4
	Spring 2004	0	0%	2	7%	15	50%	7	23%	6	20%	30	3.6
	Spring 2006	0	0%	2	7%	17	61%	7	25%	2	7%	28	3.3
	Total	0	0%	13	13%	51	49%	26	25%	14	13%	104	3.4
Develop professional skills													
	Spring 2000	0	0%	1	5%	6	30%	11	55%	2	10%	20	3.7
	Spring 2001	0	0%	0	0%	1	10%	5	50%	4	40%	10	4.3
	Spring 2002	0	0%	0	0%	4	25%	6	38%	6	38%	16	4.1
	Spring 2004	0	0%	0	0%	11	37%	12	40%	7	23%	30	3.9
	Spring 2006	0	0%	2	7%	9	32%	14	50%	3	11%	28	3.6
	Total	0	0%	3	3%	31	30%	48	46%	22	21%	104	3.9
Grand Total		0	0%	99	6%	569	32%	741	42%	358	20%	1767	3.8