

SPORTS FIELD MAINTENANCE AND OPERATIONS

Each year Humber College in Rexdale, Ontario offers post-diploma credit courses as an extension of its Arena Management Program. In the late spring of this year an intensive one week course in sports field construction, maintenance and operation was held for arena operators and others in related recreation professions.

The course was divided into two major areas: the first dealing with sports field planning, design, layout, grading and construction, with a special session on sand based fields; and the second with maintenance procedures focussing on weed identification and control, sports field rehabilitations and turf machinery.

Speakers include Bruce Calhoun, Bannerman Equipment; Don Chase, Humber College; Bob Kennedy, City of St. Catharines Parks Department; Dennis Schram, Chemlawn; and Bob Williams, City of Mississauga Parks Department.

For more information on the Arena Management Program and related post-diploma courses at Humber College, contact Orville Getz at (416) 675-3111, Extension 4548.

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COST ESTIMATES FOR FOOTBALL FIELD MAINTENANCE

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University of Guelph Grounds Department

EQUIPMENT	COST/HR.	HOURS ON JOB	TOTAL MACHINE COST
Tractor & fertilizer spreader	\$28.00	6	\$168.00
Tractor & sprayer	28.00	4	112.00
Aerifier	17.00	8	136.00
Tractor & overseeder	28.00	6	168.00
Tractor & topdresser	28.00	4	104.00
Tractor & mower	28.00	44	1,232.00
Total Equipment Cost			\$1,920.00
LABOUR			
Irrigation [portable]	\$11.12	4/wk*	\$ 352.64
Weed eating [2x/month]	11.12	11	122.32
Field marking [5 games]	11.38	60	682.80
Garbage removal & cleanup	11.12	10/game	556.00
Total Labour Cost			\$1,713.76
MATERIALS			
Fertilizer [6 applications]	44 bags	\$7.50/bag	\$330.00
Seed	500 kg.	3.60/kg.	1,800.00
Herbicide	10 litres	4.74/L	47.50
Topdressing material	60 cu. yd.	15.00/yd.	900.00
Latex line paint [5 games]	200 L/game	2.00/L	2,000.00
Total Material Cost			\$5,077.50
TOTAL YEARLY MAINTENANCE COSTS			\$8,711.26

*Irrigation used 8 weeks / year