ELMBROOK SCHOOLS
School District of Elmbrook

To: Board of Education
From: Jim Darin, Associate Principal at BCHS, Youth Options Coordinator
Re: **March 22, 2011 Agenda Item 4A7 Youth Options Program Requests for Fall Semester 2011-12**

Executive Summary

Presentation: Consent Item. I will be present should you have questions about the Youth Options requests for the Fall Semester of 2011-2012. Thirty-three students have submitted requests for courses for which they might register. One college credit equates to .25 high school credit.

Topic and Background: Wisconsin's Youth Options program allows public high school juniors and seniors to take one or more postsecondary courses at a UW institution, a Wisconsin technical college, one of the state's participating private nonprofit institutions of higher education, or tribally controlled colleges. Approved courses count toward high school graduation and college credit.

The program opens the door to greater learning opportunities for motivated students considering a technical career, wishing to begin college early, or preparing themselves to enter the workforce immediately after high school graduation.

Under Youth Options, a student does not pay for a college course if the course qualifies for high school credit and is not comparable to a course already offered in the school district. If approved by the school board, the student can receive both high school and college credit upon successful completion of the course. Students who successfully complete their high school graduation requirements earn a high school diploma regardless of whether the requirements were met while attending a high school or college.

Twice each year, the Board of Education acts on Youth Options requests for the subsequent semester. Students may take up to 18 college credits or 36 technical college credits during their high school careers. In many cases, students are requesting approval for more courses than they are allowed to take. By obtaining approval for more courses, the student increases their chances of actually enrolling in their desired courses. In addition, some students will request approval for the same course at several universities or colleges to maximize their chances of fitting the course into their high school schedules. Once courses are approved, students will receive a letter that indicates the maximum number of credits they are allowed to take.

Rationale: Youth Options is a mandated state program (WI §118.55) and an opportunity to provide for student needs outside of the district curriculum. All course requests have been screened against existing courses in the district curriculum to qualify for the Youth Options Program.

Budget: An average of $58,000 has been spent during the past four years to cover Youth Options courses.

Recommended Board Motion: That the Board of Education approves the granting of high school credit for students requesting the college courses as presented. Furthermore, the Board agrees to pay a) Actual cost of tuition, fees, books and other necessary course materials for courses within the UW System or b) For private schools, $320 per semester credit and $213 per quarter credit (based on this year's budget).

Attachments:
Student request spreadsheets are attached. To maintain confidentiality, the students are identified by letter as opposed to name. Only those students whose requests have been accepted at the school level are included in the packet.

Youth Options - Fall 2011-12
Brookfield Central High School

Student	2011/12 Grade	Total YOP Credits to Date	Course Name	Course #	College/ University	College Credits	HS Credits
Student A	12	0	Calculus III & Analytic Geometry	MATH233	UW Milwaukee	4	1
			Calculus III & Analytic Geometry	MAT223	UW Waukesha	5	1.25
			Calculus III	MAT207	Carroll	4	1
Student B	12	0	Calculus III	MAT207	Carroll	4	1
			Calculus of Several Variables	MAT234	UW Waukesha	3	0.75
			Calculus III & Analytic Geometry	MAT223	UW Waukesha	5	1.25
Student C	12	8	Financial Accounting	ACC205	Carroll	4	1
			Managerial Accounting	ACC206	Carroll	4	1
			Intermediate Accounting	ACC207	Carroll	4	1
			Latin American Civilization	SPA307	Carroll	4	1
Student D	12	0	Nursing Assistant	543-3000	WCTC	3	0.75
Student E	12	0	Intro to Microbiology	BIO141	Wisconsin Lutheran	4	1
			General Survey of Microbiology	BAC101	UW Waukesha	5	1.25
			Intro to Wildlife Resources	ZOO140	UW Waukesha	3	0.75
			Microbiology	BIO212	Carroll	4	1
Student F	12	0	Calculus III & Analytic Geometry	MAT223	UW Waukesha	5	1.25
			Calculus III	MAT223	Wisconsin Lutheran	4	1
Student G	12	9	Calculus III & Analytic Geometry	MAT233	UW Milwaukee	4	1
			Abstract Algebra	MATH4120	Marquette	3	0.75
			Theory of Optimization	MATH4650	Marquette	3	0.75
			Differential Equations	MATH2451	Marquette	4	1
			Discrete Math	MATH2100	Marquette	3	0.75
			Intermediate Microeconomics	ECON3003	Marquette	3	0.75
			Intermediate Macroeconomics	ECON3004	Marquette	3	0.75
			International Trade	ECON4046	Marquette	3	0.75
			General Chemistry for Chem. Majors	CHEM1014	Marquette	4	1
			Linear Programming	MAT313	UW Milwaukee	3	0.75
			Differential Equations	MATH320	UW Milwaukee	3	0.75
			Non-Linear Differential Equations	MATH520	UW Milwaukee	3	0.75
			Number Theory	MATH537	UW Milwaukee	3	0.75
			Intermediate Microeconomics	ECON301	UW Milwaukee	3	0.75
			Intermediate Macroeconomics	ECON302	UW Milwaukee	3	0.75
			Mathematical Economics	ECON506	UW Milwaukee	3	0.75
			General Chemistry & Qual. Analysis	CHEM104	UW Milwaukee	5	1.25
Student H	12	0	Calculus III	MAT207	Carroll	4	1
			Calculus III & Analytic Geometry	MAT223	UW Waukesha	5	1.25
			Calculus III	MAT223	Wisconsin Lutheran	4	1
Student I	11	0	Calculus III	MAT223	Wisconsin Lutheran	4	1
			Calculus III & Analytic Geometry	MAT223	UW Waukesha	5	1.25
			Calculus III	MAT207	Carroll	4	1
Student J	12	0	Calculus III	MAT223	UW Waukesha	5	1.25

Student	2011/12 Grade	Total YOP Credits to Date	Course Name	Course #	College/ University	College Credits	HS Credits
Student K	12	0	Industrial Math I	804-304	WCTC	2	0.5
Student L	12	0	Calculus III	MAT223	Wisconsin Lutheran	4	1
			Mandarin Chinese I	MAN101	Wisconsin Lutheran	4	1
			Calculus III & Analytic Geometry	MATH233	UW Milwaukee	4	1
			Intermediate Microeconomics	ECON301	UW Milwaukee	3	0.75
			Intermediate Macroeconomics	ECON302	UW Milwaukee	3	0.75
			Environmental & Natural Resource Econ.	ECO342	UW Waukesha	3	0.75
			International Economics	ECO270	UW Waukesha	3	0.75
			Government & Business	ECO250	UW Waukesha	3	0.75
			Money & Banking	ECO230	UW Waukesha	3	0.75
			Calculus III & Analytic Geometry	MAT223	UW Waukesha	5	1.25
			Virginia Woolf	U350-315	UW Madison	1	0.25
			Ernest Hemingway	U350-431	UW Madison	1	0.25
Student M	12	0	Calculus III & Analytic Geometry	MAT223	UW Waukesha	5	1.25
			Calculus III	MAT207	Carroll	4	1
Student N	12	0	Nursing Assistant	543-300	WCTC	3	0.75
Student O	12	0	Problem Solving through Programming	CS110	Carroll	4	1
	12		Financial Accounting	ACC205	Carroll	4	1
Student P	12	0	Calculus III	MAT223	UW Waukesha	5	1.25
	12		Calculus III	MAT207	Carroll	4	1
	12		Calculus III	MAT223	Wisconsin Lutheran	4	1
Student Q	12	0	Industrial Electricity I	414-386	WCTC	2	0.5
	12		Industrial Math I	804-304	WCTC	2	0.5
	12		Welding & Cutting Basic	442-350	WCTC	1	0.25
	12		Basic Workplace Psychology	809-345	WCTC	1	0.25
Student R	12	0	First Semester Greek	GREEK103	UW Milwaukee	4	1
Student S	11	0	Calculus III	MAT223	UW Waukesha	5	1.25
	11		Calculus III	MAT223	Wisconsin Lutheran	4	1
	11		Calculus III	MAT207	Carroll	4	1

Youth Options - Fall 2011-12
Brookfield East High School

Student	2011/12 Grade	YOP Credits to Date	Course Name	Course #	College/ University	College Credits	HS Credits
Student T	12	7	Intro to Fashion Careers	FSH107	Mount Mary	2	0.5
			Intro to Machine Knitting	FSH297	Mount Mary	2	0.5
			Pattern Construction II	FSH210	Mount Mary	4	1
Student U	12	0	Fashion Experience	FSH110	Mount Mary	3	0.75
			Intro to Fashion Careers	FSH107	Mount Mary	2	0.5
Student V	12	0	Music Appreciation	MUS100	Wisconsin Lutheran	3	0.75
			Music Fundamentals	MUS101	Wisconsin Lutheran	3	0.75
Student W	11	0	First Semester Japanese	101 (Linguis 141)	UW Milwaukee	5	1.25
			Elementary Japanese	JPNS 1001	Marquette	4	1
			Japanese Culture & Civilization	JPNS 3200	Marquette	3	0.75
Student X	12	0	Calculus III	MATH2450	Marquette	4	1
			Principles of Biol. Investigations	BIOL2001	Marquette	3	0.75
			Cell Biology	BIOL2301	Marquette	3	0.75
			Differential Equations	MATH2451	Marquette	4	1
			Experimental Cell Biology	BIOL3302	Marquette	3	0.75
			Writing Skills in French	FREN3001	Marquette	3	0.75
			French Civilization	FREN3300	Marquette	3	0.75
			French Composition Plus	FRE222	Mount Mary	3	0.75
			Developmental Biology	BIO256	Mount Mary	4	1
			Genetics	BIO337	Mount Mary	3	0.75
			Calculus III	MAT261	Mount Mary	4	1
			French Linguistics	FRE306	Mount Mary	3	0.75
			Intro to Francophone Literature	FRE253	Mount Mary	3	0.75
			Microbiology	BIO325	Mount Mary	4	1
			Fundamental Concepts of Higher Math	MAT301	Mount Mary	4	1
			Calculus III & Analytic Geometry	MAT223	UW Waukesha	5	1.25
			Genetics	BIO260	UW Waukesha	3	0.75
			General Survey of Microbiology	BAC201	UW Waukesha	5	1.25
			Biomedical Ethics	PHI248	UW Waukesha	3	0.75
			Special Topics in Literature/Translation	FRE277	UW Waukesha	3	0.75
			Calculus III & Analytic Geometry	MATH233	UW Milwaukee	4	1
			Cell Biology	BIOSCI315	UW Milwaukee	3	0.75
			Genetics	BIOSCI325	UW Milwaukee	3	0.75
			Reading for Research	FRENCH205	UW Milwaukee	3	0.75
			Calculus III	MATH207	Carroll	4	1
			Conversation & Composition	FRENCH301	Carroll	4	1
			Introduction to Microbiology	BIO212	Carroll	4	1
			Genetics	BIO220	Carroll	4	1
			Organizational Physiology	BIO225	Carroll	4	1
			French Civilization	FRE307	Carroll	4	1
			Bioethics	BIO324	Carroll	4	1
			Human Genetics	BIO131	Carroll	4	1
Student Y	12	0	Calculus III	MATH223	UW Milwaukee	4	1
			Calculus III	MAT223	Wisconsin Lutheran	4	1
			Calculus III	MAT207	Carroll	4	1
			Calculus III	MAT223	UW Waukesha	5	1.25
			Calculus III	MAT2450	Marquette	4	1

Student	2011/12 Grade	Total YOP Credits to Date	Course Name	Course #	College/ University	College Credits	HS Credits
Student Z	12	0	History of Design	GRD225	Mount Mary	3	0.75
			Cultural Anthropology	ANT102	Mount Mary	4	1
Student AA	11	0	Elementary Japanese	JPNS1001	Marquette	4	1
			Intermediate Japanese I	JPNS2001	Marquette	3	0.75
			Japanese Culture & Civilization	JPNS3200	Marquette	3	0.75
			Japanese Literature/English Translation	JPNS3210	Marquette	3	0.75
			Japanese 101	JAP101	UW Milwaukee	3	0.75
			Japanese 101	JAP101	UW Waukesha	3	0.75
Student BB	12	9	Intro to Discrete Math	MATH230	Wisconsin Lutheran	4	1
			Foundations of Higher Math	MATH231	Wisconsin Lutheran	3	0.75
			Intro to Probability	MATH351	Wisconsin Lutheran	3	0.75
			Intro to Philosophy	PHI101	Wisconsin Lutheran	3	0.75
			Apologetics	PHI202	Wisconsin Lutheran	3	0.75
			Philosophy of Human Nature	PHI203	Wisconsin Lutheran	3	0.75
			Discrete Math	MATH230	UW Waukesha	3	0.75
			Intro to Philosophy	PHI101	UW Waukesha	3	0.75
			Theory of Knowledge	PHI215	UW Waukesha	3	0.75
			Philosophy of Science	PHI220	UW Waukesha	3	0.75
			Discrete Math	MATH2100	Marquette	3	0.75
			Foundations of Math	MATH2350	Marquette	3	0.75
			Logic	PHIL1000	Marquette	3	0.75
			Philosophy of Human Nature	PHIL1001	Marquette	3	0.75
			Media & Politics	POL215	UW Waukesha	3	0.75
			Theory of Numbers	MAT4320	Marquette	3	0.75
			Abstract Algebra	MAT4120	Marquette	3	0.75
Student CC	12	0	CNC Machining Center	420-386	WCTC	2	0.5
			CNC Turning Center	420-387	WCTC	2	0.5
			Industrial Pneumatic Systems	612-115	WCTC	2	0.5
			Communication in the Workplace	801-311	WCTC	2	0.5
			Industrial Laser Operation	622-310	WCTC	2	0.5
			Welding & Cutting Basic	442-350	WCTC	1	0.25
			Industrial Electricity I	414-386	WCTC	2	0.5
			Facility Fluid Power	419-340	WCTC	1	0.25
			Mechanical Maintenance Apps	443-350	WCTC	2	0.5
			College Technical Math I	804-115	WCTC	5	1.25
Student DD	11	0	Linear Math	MAT223	UW Waukesha	5	1.25
			Discrete Math	MAT230	UW Waukesha	3	0.75
			Discrete Math	MAT205	Carroll	4	1
			Mandarin Chinese I	MAN101	Wisconsin Lutheran	4	1
			Survey of Geometry	MAT340	Wisconsin Lutheran	3	0.75
			Foundations of Higher Math	MAT231	Wisconsin Lutheran	3	0.75
			Discrete Math	MAT325	Mount Mary	4	1
			Modern Geometry	MAT343	Mount Mary	4	1
			Elementary Number Theory	MAT347	Mount Mary	4	1
			Fundamental Concepts of Higher Math	MAT301	Mount Mary	4	1

Student	2011/12 Grade	Total YOP Credits to Date	Course Name	Course #	College/ University	College Credits	HS Credits
Student EE	12	9	Abstract Algebra	MATH4120	Marquette	3	0.75
			Foundations of Math	MATH2350	Marquette	3	0.75
			Discrete Math	MATH2100	Marquette	3	0.75
			Theory of Numbers	MATH4320	Marquette	3	0.75
			Biophysical Chemistry	CHEM560	UW Milwaukee	3	0.75
			Modern Algebra with Applications	MATH431	UW Milwaukee	3	0.75
			Seminar: Intro Language/Practice Math	MATH341	UW Milwaukee	3	0.75
			Foundations of Higher Math	MAT231	Wisconsin Lutheran	3	0.75
			Analysis I	MAT421	Wisconsin Lutheran	3	0.75
			Physical Chemistry I	CHE341	Wisconsin Lutheran	3	0.75
			Intro to Discrete Math	MAT230	Wisconsin Lutheran	3	0.75
			Intro to Probability	MAT351	Wisconsin Lutheran	3	0.75
Student FF	12	0	Modern Japan	HIST4500	Marquette	3	0.75
			East Asian Culture	HIST1501	Marquette	3	0.75
			Elementary Japanese	JPNS1001	Marquette	4	1
			Japanese I	101 (Linguis 141)	UW Milwaukee	5	1.25
			Asian International Relations	POLSCI244	UW Milwaukee	3	0.75
			World Civilization Part I	HIS106	Mount Mary	3	0.75
			Modern Asian History & Culture	HIS270	Mount Mary	3	0.75
			Film Studies	ENG277	UW Waukesha	3	0.75
			Crime/Punish. Europe/America	HIS261	UW Waukesha	3	0.75
			Asian Philosophy	PHI201	UW Waukesha	3	0.75
Student GG	12	9	Discrete Math	MAT230	UW Waukesha	3	0.75
			Discrete Math	MATH2100	Marquette	3	0.75
			Foundations of Math	MATH2350	Marquette	3	0.75
			Abstract Algebra	MATH4120	Marquette	3	0.75
			Theory of Numbers	MATH4320	Marquette	3	0.75
			Number Theory	MATH537	UW Milwaukee	3	0.75
			Discrete Math	MAT205	Carroll	4	1
			Abstract Algebra	MAT320	Carroll	4	1
			Intro to Discrete Math	MAT230	Wisconsin Lutheran	4	1
			Foundations of Higher Math	MAT231	Wisconsin Lutheran	3	0.75
			Survey of Geometry	MAT340	Wisconsin Lutheran	3	0.75
			Intro to Probability	MAT351	Wisconsin Lutheran	3	0.75