

TABLES OF CORRESPONDING CODES
FOR MATHEMATICS COURSES

The enclosed document includes tables of course codes for the **2004 math program** and the corresponding course codes for the equivalent **math programs** in the **adult** and **youth sectors** from **previous years**.

These tables will be useful for students registering in the different math courses and are important tools for **math teachers**.

We will ensure that the information in these tables is correct. It will be **updated** in light of any comments we receive as the document is used and consulted. We invite you to consult our Web site regularly to make sure that you have the **latest** version.

September 2007

Mathematics, Secondary Level, Adult Education
Update of the 1993 Program

Corresponding course codes

Tables to help students registering in the different math courses.

Section One: For Students Already in the Adult Sector
(Tables 1 to 6)

Each table shows the courses for which students want to register when they enroll in the adult sector.

The first column in each table lists the course codes according to *Mathematics, Secondary Level, Adult Education, Update of the 1993 Program*, published in 2004, as well as any prerequisite courses. The second column shows the codes for equivalent courses that students may have already successfully completed in earlier programs in the adult sector.

The tables also show how programs have changed over time from earlier programs to the 2004 program. These changes must be kept in mind when reading the tables.

Students who already have credit for a course equivalent to the one requested do not have to take the course again or rewrite the examination. To obtain credit for a course where they have no equivalency, students must either successfully complete the course or just pass the final exam.

To clarify what is meant by equivalence, the tables in the Appendix, taken from pages 7 and 8 of the 2004 program, illustrate how the content of courses in the 2004 program covers that of courses in the 1993 program (i.e. in part, in whole or not at all).

Section Two: For Students Coming from the Youth Sector (Tables 7 to 12)

Each table shows the courses for which students want to register when they enroll in the adult sector.

The first column in each table lists the course codes according to *Mathematics, Secondary Level, Adult Education, Update of the 1993 Program*, published in 2004, as well as any prerequisite courses. The second column shows the codes for courses that students may have already successfully completed in the youth sector.

The courses marked with an X are those that students must pass in the adult sector (by either successfully completing the courses or passing the final exams) to obtain the equivalent level of instruction.

Section One

For Students Already in the Adult Sector

Tables 1 to 6

(Reference: Tables 5 and 6 from the program published in 2004, pp. 12 and 13)

Table 1

Course requested: Secondary IV Mathematics (equivalent to 568-416 in the youth sector)			
Courses from 2004 program (Adult)		Previous, credited and equivalent courses	
		1993 program (Adult)	Programs before 1993 (Adult)
(prerequisites ¹ for 568-416)	MTH-3003-2	MTH-4065-2 or MTH-4065-3	MTH-4053-3 or MTH-5052-3
568-416	MTH-4101-2	MTH-4067-2 or MTH-4067-3	MTH-4053-3 ^{***}
	MTH-4102-1	MTH-4066-1 or MTH-4066-2	none
	MTH-4103-1	MTH-4068-1 or MTH-4068-2	MTH-5055-3
	MTH-4104-2	MTH-5084-2 or MTH-5084-3	MTH-4064-3

1. This course is required to continue in Secondary IV mathematics because, if students are not familiar with the basic concepts related to straight lines, they will not be able to successfully complete Straight Lines II (MTH-4107).

^{***} September 2007 modifications.

Table 2

Course requested: Secondary IV Mathematics (equivalent to 568-426 in the youth sector)			
Courses from 2004 program (Adult)		Previous, credited and equivalent courses	
		1993 program (Adult)	Programs prior to 1993 (Adult)
(prerequisites for 568-426)	MTH-3003-2 ²	MTH-4065-2 or MTH-4065-3	MTH-4053-3 or MTH-5052-3
	MTH-4101-2	MTH-4067-2 or MTH-4067-3	MTH-4053-3 ^{***}
	MTH-4102-1	MTH-4066-1 or MTH-4066-2	none
	MTH-4103-1	MTH-4068-1 or MTH-4068-2	MTH-5055-3
	MTH-4104-2	MTH-5084-2 or MTH-5084-3	MTH-4064-3
568-426	MTH-4105-1	none for Sec. IV	MTH-4054-3
	MTH-4106-1	MTH-4058-1 or MTH-4058-2 and MTH-4059-1 or MTH-4059-2	MTH-4052-3 and MTH-4054-3 [*]
	MTH-4107-1	MTH-4060-1 or MTH-4060-2	MTH-5052-3
	MTH-4108-1	none for Sec. IV	MTH-5053-3
	MTH-4109-1	none for Sec. IV	MTH-5054-3

2. This course is required to continue in Secondary IV mathematics because, if students are not familiar with the basic concepts related to straight lines, they will not be able to successfully complete Straight Lines II (MTH-4107).

^{***} September 2007 modifications.

^{*} September 2005 modifications.

Table 3

Course requested: Secondary IV Mathematics (equivalent to 568-436 in the youth sector)			
Courses from 2004 program (Adult)		Previous, credited and equivalent courses	
		1993 program (Adult)	Programs prior to 1993 (Adult)
(prerequisites for 568-436)	MTH-3003-2 ³	MTH-4065-2 or MTH-4065-3	MTH-4053-3 or MTH-5052-3
	MTH-4101-2	MTH-4067-2 or MTH-4067-3	MTH-4053-3 ^{***}
	MTH-4102-1	MTH-4066-1 or MTH-4066-2	none
	MTH-4103-1	MTH-4568-1 or MTH-4568-2	MTH-5055-3
	MTH-4104-2	MTH-5084-2 or MTH-5084-3	MTH-4064-3
	MTH-4105-1	none for Sec. IV	MTH-4054-3
	MTH-4106-1	MTH-4058-1 or MTH-4058-2 and MTH-4059-1 or MTH-4059-2	MTH-4052-3 and MTH-4054-3 [*]
	MTH-4107-1	MTH-4060-1 or MTH-4060-2	MTH-5052-3
	MTH-4108-1	none for Sec. IV	MTH-5053-3
	MTH-4109-1	none for Sec. IV	MTH-5054-3
568-436	MTH-4110-1	MTH-4059-1 or MTH-4059-2	MTH-4054-3 ^{**}
	MTH-4111-2	none	none

3. This course is required to continue in Secondary IV mathematics because, if students are not familiar with the basic concepts related to straight lines, they will not be able to successfully complete Straight Lines II (MTH-4107).

*** September 2007 modifications.

* September 2005 modifications.

** December 2005 modifications.

Table 4

Course requested: Secondary V Mathematics (equivalent to 568-514 in the youth sector)			
Courses from 2004 program (Adult)		Previous, credited and equivalent courses	
		1993 program (Adult)	Programs prior to 1993 (Adult)
(prerequisites for 568-514)	MTH-4101-2	MTH-4067-2 or MTH-4067-3	MTH-4053-3 ^{***}
	MTH-4102-1	MTH-4066-1 or MTH-4066-2	none
	MTH-4103-1	MTH-4068-1 or MTH-4068-2	MTH-5055-3
	MTH-4104-2	MTH-5084-2 or MTH-5084-3	MTH-4064-3
568-514	MTH-5101-1	MTH-5083-1 or MTH-5083-2	none
	MTH-5102-1	none	none
	MTH-5103-1	MTH-5084-2 or MTH-5084-3	none
	MTH-5104-1	none	none

^{***} September 2007 modifications.

Table 5

Course requested: Secondary V Mathematics (equivalent to 568-526 in the youth sector)			
Courses from 2004 program (Adult)		Previous, credited and equivalent courses	
		1993 program (Adult)	Programs prior to 1993 (Adult)
(prerequisites for 568-526)	MTH-4101-2	MTH-4067-2 or MTH-4067-3	MTH-4053-3 ^{***}
	MTH-4102-1	MTH-4066-1 or MTH-4066-2	none
	MTH-4103-1	MTH-4068-1 or MTH-4068-2	MTH-5055-3
	MTH-4104-2	MTH-5084-2 or MTH-5084-3	MTH-4064-3
	MTH-4105-1	MTH-5080-1 or MTH-5080-2	MTH-4054-3
	MTH-4106-1	MTH-4058-1 or MTH-4058-2 and MTH-4059-1 or MTH-4059-2	MTH-4052-3 and MTH-4054-3 [*]
	MTH-4107-1	MTH-4060-1 or MTH-4060-2	MTH-5052-3
	MTH-4108-1	MTH-5076-1 or MTH-5076-2	MTH-5053-3
	MTH-4109-1	MTH-5078-1 or MTH-5078-2	MTH-5054-3
	MTH-5101-1	MTH-5083-1 or MTH-5083-2	none
	MTH-5102-1	none	none
568-526	MTH-5105-1	MTH-5079-1 or MTH-5079-2	MTH-5053-3
	MTH-5106-1	MTH-5077-1 or MTH-5077-2 and MTH-5078-1 or MTH-5078-2	MTH-5054-3
	MTH-5107-2	MTH-5080-1 or MTH-5080-2	MTH-5054-3
	MTH-5108-2	MTH-5081-2 or MTH-5081-3	MTH-5055-3 ^{**}
	MTH-5109-1	MTH-5085-1 or MTH-5085-2 or MTH-5082-2 or MTH-5082-3	none

^{***} September 2007 modifications.

^{*} September 2005 modifications.

^{**} December 2005 modifications.

Table 6

Course requested: Secondary V Mathematics (equivalent to 568-536 in the youth sector)			
Courses from 2004 program (Adult)		Previous, credited and equivalent courses	
		1993 program (Adult)	Programs prior to 1993 (Adult)
(prerequisites for 568-536)	MTH-4101-2	MTH-4067-2 or MTH-4067-3	MTH-4053-3 ^{***}
	MTH-4102-1	MTH-4066-1 or MTH-4066-2	none
	MTH-4103-1	MTH-4068-1 or MTH-4068-2	MTH-5055-3
	MTH-4104-2	MTH-5084-2 or MTH-5084-3	MTH-4064-3
	MTH-4105-1	MTH-5080-1 or MTH-5080-2	MTH-4054-3
	MTH-4106-1	MTH-4058-1 or MTH-4058-2 and MTH-4059-1 or MTH-4059-2	MTH-4052-3 and MTH-4054-3 [*]
	MTH-4107-1	MTH-4060-1 or MTH-4060-2	MTH-5052-3
	MTH-4108-1	MTH-5076-1 or MTH-5076-2	MTH-5053-3
	MTH-4109-1	MTH-5078-1 or MTH-5078-2	MTH-5054-3
	MTH-4110-1	MTH-4059-1 or MTH-4059-2	MTH-4054-3 ^{**}
	MTH-4111-2	none	none
	MTH-5101-1	MTH-5083-1 or MTH-5083-2	none
	MTH-5102-1	none	none
	MTH-5105-1	MTH-5079-1 or MTH-5079-2	MTH-5053-3
	MTH-5106-1	MTH-5077-1 or MTH-5077-2 and MTH-5078-1 or MTH-5078-2	MTH-5054-3
	MTH-5107-2	MTH-5080-1 or MTH-5080-2	MTH-5054-3
	MTH-5108-2	MTH-5081-2 or MTH-5081-3	MTH-5055-3 ^{**}
	MTH-5109-1	MTH-5085-1 or MTH-5085-2 or MTH-5082-2 or MTH-5082-3	none
568-536	MTH-5110-1	none	none
	MTH-5111-2	none	none

^{***} September 2007 modifications.

^{*} September 2005 modifications

^{**} December 2005 modifications

Section Two

For Students Coming from the Youth Sector

Tables 7 to 12

(Reference: Tables 5 and 6 from the program published in 2004, pp. 12 and 13)

Table 7

Course requested: Secondary IV Mathematics (equivalent to 568-416 in the youth sector)			
Courses from 2004 program (Adult)		Courses successfully completed in the youth sector	
		568-314	564-314
(prerequisites for 568-416)	MTH-3003-2		X
568-416	MTH-4101-2	X	X
	MTH-4102-1	X	X
	MTH-4103-1	X	X
	MTH-4104-2	X	X

Table 8

Course requested: Secondary IV Mathematics (equivalent to 568-426 in the youth sector)						
Courses from 2004 program (Adult)		Courses successfully completed in the youth sector				
		568-314	564-314	568-416 ⁴	564-416 ⁵	564-414 ⁶
(prerequisites for 568-426)	MTH-3003-2		X			
	MTH-4101-2	X	X	X		
	MTH-4102-1	X	X			
	MTH-4103-1	X	X			
	MTH-4104-2	X	X		X	X
568-426	MTH-4105-1	X	X	X	X	X
	MTH-4106-1	X	X	X	X	X
	MTH-4107-1	X	X	X	X	X
	MTH-4108-1	X	X	X	X	X
	MTH-4109-1	X	X	X	X	X

4. Equivalent code: MTH-4042-6

5. Equivalent code: MTH-4004-6

6. Equivalent code: MTH-4003-4

Table 9

Course requested: Secondary IV Mathematics (equivalent to 568-436 in the youth sector)							
Courses from 2004 program (Adult)		Courses successfully completed in the youth sector					
		568-314	564-314	568-416 ⁷	564-416 ⁸	564-414 ⁹	568-426 ¹⁰
(prerequisites for 568-436)	MTH-3003-2		X				
	MTH-4101-2	X	X	X			
	MTH-4102-1	X	X				
	MTH-4103-1	X	X				
	MTH-4104-2	X	X		X	X	
	MTH-4105-1	X	X	X	X	X	
	MTH-4106-1	X	X	X	X	X	
	MTH-4107-1	X	X	X	X	X	
	MTH-4108-1	X	X	X	X	X	
	MTH-4109-1	X	X	X	X	X	
568-436	MTH-4110-1	X	X	X	X	X	X
	MTH-4111-2	X	X	X	X	X	X

7. Equivalent code: MTH-4042-6
 8. Equivalent code: MTH-4004-6
 9. Equivalent code: MTH-4003-4
 10. Equivalent code: MTH-4078-6

Table 10

Course requested: Secondary V Mathematics (equivalent to 568-514 in the youth sector)										
Courses from 2004 program (Adult)		Courses successfully completed in the youth sector								
		568-314	564-314	568-416 ¹¹	564-416 ¹²	564-414 ¹³	568-426 ¹⁴	568-436 ¹⁵	564-436 ¹⁶	564-434 ¹⁷
(prerequisites for 568-514)	MTH-3003-2		X							
	MTH-4101-2	X	X							
	MTH-4102-1	X	X							
	MTH-4103-1	X	X							
	MTH-4104-2	X	X		***	***				
568-514	MTH-5101-1	X	X	X	X	X	X	X	X	X
	MTH-5102-1	X	X	X	X	X	X	X	X	X
	MTH-5103-1	X	X	X	X	X	X	X	X	X
	MTH-5104-1	X	X	X	X	X	X	X	X	X

11. Equivalent code: MTH-4042-6

12. Equivalent code: MTH-4004-6

13. Equivalent code: MTH-4003-4

14. Equivalent code: MTH-4078-6

15. Equivalent code: MTH-4045-6

16. Equivalent code: MTH-4005-6

17. Equivalent code: MTH-5003-4

*** September 2006 modifications (withdrawal of 2 X's)

Table 11

Course requested: Mathematics Secondary V (equivalent to 568-526 in the youth sector)											
Courses from 2004 program (Adult)		Courses successfully completed in the youth sector									
		568-416 ¹⁸	564-416 ¹⁹	564-414 ²⁰	568-426 ²¹	568-436 ²²	564-436 ²³	564-434 ²⁴	568-514 ²⁵	564-574 ²⁶	564-514 ²⁷
(prerequisites for 568-526)	MTH-4101-2	X							X*		
	MTH-4104-2		X	X						X*	X*
	MTH-4105-1	X	X	X					X	X	X
	MTH-4106-1	X	X	X					X	X	X
	MTH-4107-1	X	X	X					X	X	X
	MTH-4108-1	X	X	X					X	X	X
	MTH-4109-1	X	X	X					X	X	X
	MTH-5101-1	X	X	X	X	X	X	X			
	MTH-5102-1	X	X	X	X	X	X	X			
568-526	MTH-5105-1	X	X	X	X	X	X	X	X	X	X
	MTH-5106-1	X	X	X	X	X	X	X	X	X	X
	MTH-5107-2	X	X	X	X	X	X	X	X	X	X
	MTH-5108-2	X	X	X	X	X	X	X	X	X	X
	MTH-5109-2	X	X	X	X	X	X	X	X	X	X

18. Equivalent code: MTH-4042-6

19. Equivalent code: MTH-4004-6

20. Equivalent code: MTH-4003-4

21. Equivalent code: MTH-4078-6

22. Equivalent code: MTH-4045-6

23. Equivalent code: MTH-4005-6

24. Equivalent code: MTH-5003-4

25. Equivalent code: MTH-5037-4

26. Equivalent code: MTH-5013-4

27. Equivalent code: MTH-5006-4

* September 2005 modifications

Table 12

Course requested: Secondary V Mathematics (equivalent to 568-536 in the youth sector)								
Courses from the 2004 program (Adult)		Courses successfully completed in the youth sector						
		568-436 ²⁸	564-436 ²⁹	564-434 ³⁰	568-514 ³¹	564-574 ³²	564-514 ³³	568-526 ³⁴
(prerequisites for 568-536)	MTH-4101-2*				X*			
	MTH-4104-2*					X*	X*	
	MTH-4105-1				X	X	X	
	MTH-4106-1				X	X	X	
	MTH-4107-1				X	X	X	
	MTH-4108-1				X	X	X	
	MTH-4109-1				X	X	X	
	MTH-4110-1				X	X	X	X
	MTH-4111-2				X	X	X	X
	MTH-5101-1	X	X	X				
	MTH-5102-1	X	X	X				
	MTH-5105-1	X	X	X	X	X	X	
	MTH-5106-1	X	X	X	X	X	X	
	MTH-5107-2	X	X	X	X	X	X	
	MTH-5108-2	X	X	X	X	X	X	
	MTH-5109-1	X	X	X	X	X	X	
	568-536	MTH-5110-1	X	X	X	X	X	X
MTH-5111-2		X	X	X	X	X	X	X

28. Equivalent code: MTH-4045-6

29. Equivalent code: MTH-4005-6

30. Equivalent code: MTH-5003-4

31. Equivalent code: MTH-5037-4

32. Equivalent code: MTH-5013-4

33. Equivalent code: MTH-5006-4

34. Equivalent code: MTH-5098-6

* September 2005 modifications

APPENDIX

TABLE 1: Changes to Secondary IV courses*

CURRENT PROGRAM	1993 PROGRAM
MTH-4101-2 Equations and Inequalities II (First-Degree Systems)	Course identical to GSM 243 (MTH-4067-2)
MTH-4102-1 Geometry III (Isometry and Similarity)	Course identical to GSM 242 (MTH-4066-1)
MTH-4103-1 Trigonometry I (Right Triangles and Any Given Triangle)	Course identical to GSM 244 (MTH-4568-1)
MTH-4104-2 Statistics II (Measures and Data Gathering)	New course that covers part of objectives 01 to 05 and 08 to 10 of GSM 252 (MTH-5084-2), as well as new content
MTH-4105-1 Exponents and Radicals	New course
MTH-4106-1 Factoring and Algebraic Fractions	Course equivalent to GMO 241 (MTH-4058-1), but objective 06 has been simplified, as well as objectives 01 to 04 of GMO 242 (MTH-4059-1)
MTH-4107-1 Straight Lines II (Parallel and Perpendicular Lines and Distance)	Course identical to GMO 243 (MTH-4060-1) but includes new content on problem-solving
MTH-4108-1 Quadratic Functions	Course identical to GMO 251 (MTH-5076-1)
MTH-4109-1 Sets, Relations and Functions	Course corresponding to GMO 244 (MTH-4061-2), but the “Sets and Relations” section has been simplified and contains an introduction to the study of functions
MTH-4110-1 Operations on Algebraic Fractions	Course identical to GMO 242 (MTH-4059-1)
MTH-4111-2 Complement and Synthesis I	New course that entails a more in-depth study of the content of previous Secondary IV courses (functions, systems of equations, analytic geometry, isometries, similarity transformations and equivalences), and emphasizes the synthesis of concepts studied

*From *Mathematics, Secondary Level, Adult Education, Update of the 1993 Program*

TABLE 2: Changes to Secondary V courses*

CURRENT PROGRAM	1993 PROGRAM
MTH-5101-1 Optimization I (Linear Programming)	Course identical to GSM 251 (MTH-5083-1)
MTH-5102-1 Statistics III (Correlation)	New statistics course including the material covered in objectives 06 and 07 of GSM 252 (MTH-5084-2)
MTH-5103-1 Probability II	New probability course including a new approach to the material covered in objectives 11 to 13 of GSM 252 (MTH-5084-2)
MTH-5104-1 Optimization II (graphs)	New course
MTH-5105-1 Conics	Course identical to GMO 254 (MTH-5079-1) with a new section on problem-solving
MTH-5106-1 Real Functions and Equations	Course identical to GMO 252 and GMO 253 (MTH-5077-1 and MTH-5078-1), but with significant changes to the content
MTH-5107-2 Exponential and Logarithmic Functions and Equations	Course equivalent to GMO 255 (MTH-5080-1), but with significant changes to the content
MTH-5108-2 Trigonometric Functions and Equations	Course equivalent to GMO 256 (MTH-5081-2), but with significant changes to the content
MTH-5109-1 Geometry IV (Circles and Right Triangles)	Course identical to GSM 253 (MTH-5085-1)
MTH-5110-1 Introduction to Vectors	New course
MTH-5111-2 Complement and Synthesis II	New course that entails a more in-depth study of the content of previous Secondary V courses (operations on functions, composition of functions, inequalities, relationships governing measurements in circles and right triangles), and emphasizes the synthesis of concepts studied

*From *Mathematics, Secondary Level, Adult Education, Update of the 1993 Program*