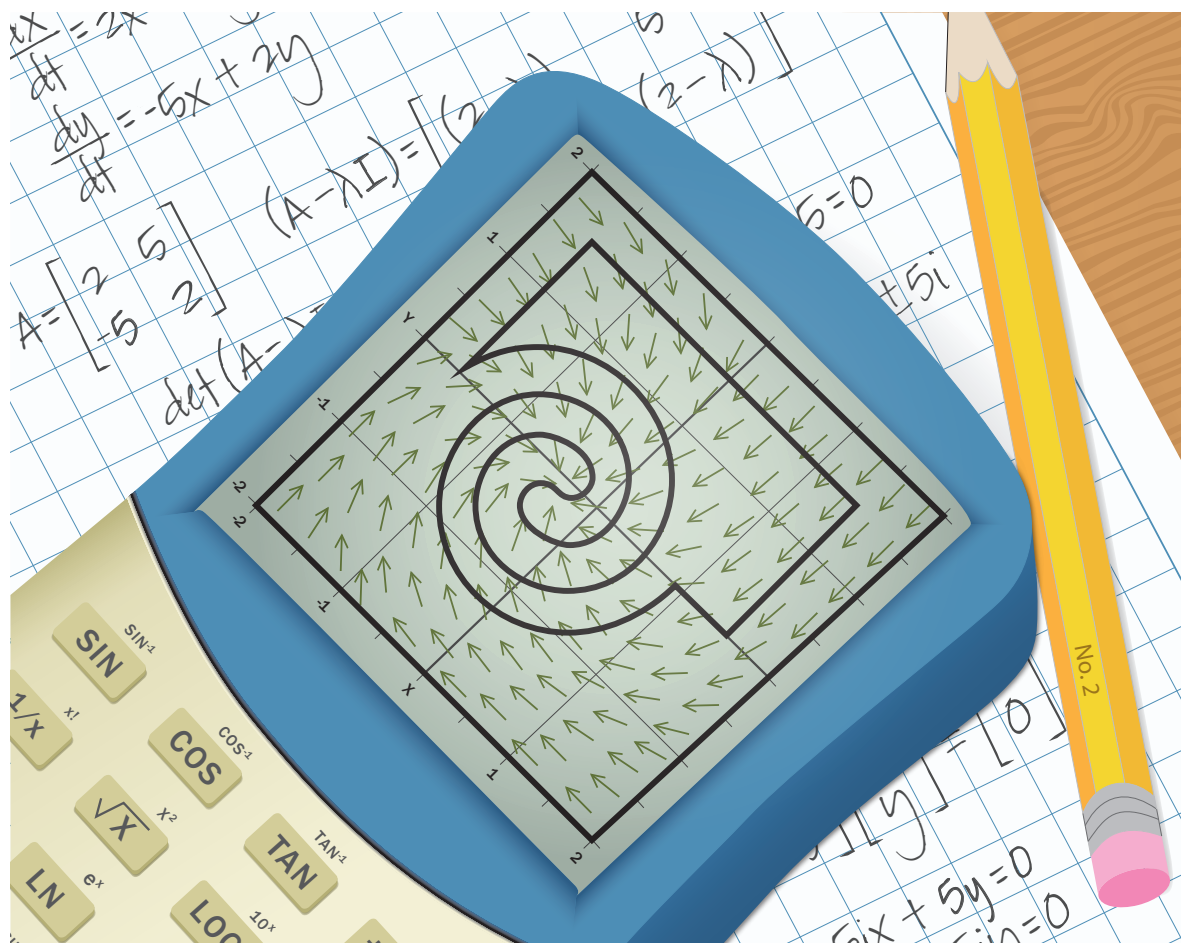


A Review of the Mathematics Program/Discipline at Portland Community College

Fall 2008 – Fall 2013



MATHEMATICS

Contents

A	Changes in ALC courses	3
B	Core Outcomes Mapping	4
A	Course Scheduling Pattern (by campus)	3
A	Cascade	3
B	Rock Creek	3
C	Sylvania	4
B	DL survey summary	5
A	Accessibility study summary	3
A	ALEKS pilot	3
A	MTH 20 Several classes during 2012–2013 AY (Edwards)	3
A.1	Results and Statistics	3
B	Pilot in Math 112 during Winter 2013 (Louie)	4

Appendix B

Core Outcomes Mapping

c:app:coreoutcomes)?

Mapping Level Indicators:

1. Not Applicable.
2. Limited demonstration or application of knowledge and skills.
3. Basic demonstration and application of knowledge and skills.
4. Demonstrated comprehension and is able to apply essential knowledge and skills.
5. Demonstrates thorough, effective and/or sophisticated application of knowledge and skills.

Core Outcomes (CO):

1. Communication.
2. Community and Environmental Responsibility.
3. Critical Thinking and Problem Solving.
4. Cultural Awareness.
5. Professional Competence.
6. Self-Reflection.

Course	Course Name	CO1	CO2	CO3	CO4	CO5	CO6
MTH 10	Basic Math	4	0	4	0	4	3
MTH 20	Basic Math	4	0	4	0	4	3
MTH 30	Business Mathematics	4	0	4	0	4	3
MTH 60	Introductory Algebra, 1st term	4	0	4	0	4	3
MTH 61	Introductory Algebra, Part I	4	0	4	0	4	3
MTH 62	Introductory Algebra, Part II	4	0	4	0	4	3
MTH 63	Introductory Algebra, Part III	4	0	4	0	4	3
MTH 65	Introductory Algebra, 2nd term	4	0	4	0	4	3
MTH 70	Introduction to Intermediate Algebra	4	0	4	0	4	3
MTH 91	Intermediate Algebra, Part I	4	0	4	0	4	3
MTH 92	Intermediate Algebra, Part II	4	0	4	0	4	3
MTH 93	Intro to TI Graphics Calculator	4	0	4	0	4	3
MTH 95	Intermediate Algebra	4	0	4	0	4	3
MTH 111	College Algebra	4	0	4	0	4	3
MTH 112	Elementary Functions	4	0	4	0	4	3
MTH 211	Foundations of Elementary Math I	4	0	4	0	4	3
MTH 212	Foundations of Elementary Math II	4	0	4	0	4	3
MTH 213	Foundations of Elementary Math III	4	0	4	0	4	3
MTH 241	Calculus for Management	4	0	4	0	4	3
MTH 243	Statistics I	4	0	4	0	4	3
MTH 244	Statistics II	4	0	4	0	4	3

MTH 251	Calculus I	4	0	4	0	4	3
MTH 252	Calculus II	4	0	4	0	4	3
MTH 253	Calculus III	4	0	4	0	4	3
MTH 254	Calculus IV	4	0	4	0	4	3
MTH 259	Single Variable Calculus Review	4	0	4	0	4	3
MTH 256	Differential Equations	4	0	4	0	4	3
MTH 261	Applied Linear Algebra	4	0	4	0	4	3
