

Learning Goals Map for the Baruch College Common Core			
Learning Goal	Learning Competency-- After successfully completing the common core curriculum, the student will be able:	Courses that address the learning goal	N
COMMUNICATION SKILLS: Oral	1. To prepare and deliver an effective, unified, and coherent oral presentation that takes account of the relevant needs of the audience and displays appropriate and creative uses of language.	ART1000, CHINESE, COM1010, ENG2150/T, ENG2800, ENG2850, ENV1020, FRENCH, HEBREW, ITALIAN, JAPANESE, LTT2800, LTT2850, SPANISH, and THE1041.	16
	2. To make effective use of computer, video, and other multimedia tools in oral presentations.	CHINESE, CHM1000, CHM2003, ENV1020, FRENCH, HEBREW, ITALIAN, JAPANESE, MTH2003, MTH2160, MTH2205, MTH2207, MTH2610, PHY1003, and SPANISH.	15
	3. To develop the ability to communicate at a basic level in a language other than	CHINESE, CHM1000, FRENCH, HEBREW, ITALIAN, JAPANESE, and SPANISH.	9
COMMUNICATION SKILLS: Written	4. To write an essay that presents a cogent thesis, develops an argument in unified and coherent paragraphs, uses a variety of sentence structures, and observes the conventions of standard English grammar and usage.	ART1000, ART1011, ART1012, ENG2100/T, ENG2150/T, ENG2800, ENG2850, HIS1000, HIS1001, HIS1003, HIS1005, HIS2050, HIS2053, LTT2800, LTT2850, MSC1003, MSC1005, PHI1500, PHI1700, PHY1003, PHY2003, POL1101, POL2001, POL2321, POL2332, POL2353, PUB1250, and THE1041.	28
	5. To write a research-oriented essay that employs sources, uses appropriate citations, and exhibits the features enumerated in the previous bullet.	ART1011, ART1012, CHM2003, ENG2100/T, ENG2150/T, POL2001, POL2321, POL2332, POL2353, and PUB1250.	10
CRITICAL THINKING	6. To read and interpret a variety of articles, essays, literary texts, and historical documents by paying close attention to key points, language, genre, perspectives, and validity.	BIO2010, COM1010, ENG2100/T, ENG2150/T, ENG2800, ENG2850, HIS1000, HIS1001, HIS1003, HIS1005, HIS2050, HIS2053, LTT2800, LTT2850, PHI1500, PHI1700, POL1101, POL2001, POL2321, POL2332, POL2353, PUB1250, and THE1041.	23
	7. To generate and test hypotheses about the physical and/or social world.	ART1011, ART1012, BIO1003, BIO1005, BIO2010, CHM1000, CHM2003, MTH2003, MTH2160, MTH2205, MTH2207, MTH2610, PHI1500, PHI1700, PHY1003, PHY2003, POL2353, and PSY1001.	17
	8. To make valid deductions from a set of propositions.	ART1011, ART1012, BIO1005, BIO2010, CHM1000, CHM2003, ECO1001, ECO1002, ECO1110, MTH2003, MTH2160, MTH2205, MTH2207, MTH2610, PHI1500, PHI1600, PHI1700, PHY2003, POL1101, POL2001, POL2321, POL2332, POL2353, PSY1001, and THE1041.	25
	9. To discern rational explanations of a given set of facts.	ART1011, ART1012, BIO1003, BIO1005, BIO2010, CHM1000, CHM2003, ECO1001, ECO1002, ECO1110, ENG2100/T, ENG2150/T, HIS1000, HIS1001, HIS1003, HIS1005, HIS2050, HIS2053, PHI1500, PHI1700, PHY1003, PHY2003, POL1101, POL2001, POL2321, POL2332, POL2353, PSY1001, and THE1041.	31
	10. To evaluate the validity of deductive arguments and recognize common fallacies of reasoning.	ART1011, ART1012, BIO1005, BIO2010, CHM2003, COM1010, ECO1001, ECO1002, ECO1110, ENG2100/T, ENG2150/T, PHI1500, PHI1600, PHI1700, PHY2003, POL1101, POL2001, POL2321, POL2332, POL2353, and PSY1001.	23
	11. To identify and explain how social, cultural, economic, and/or political contexts influence beliefs and arguments.	ANT1001, ART1011, ART1012, CHINESE, ENG2800, ENG2850, FRENCH, HEBREW, HIS1000, HIS1001, HIS1003, HIS1005, HIS2050, HIS2053, ITALIAN, JAPANESE, LTT2800, LTT2850, MSC1003, MSC1005, PHI1500, PHI1700, POL1101, POL2001, POL2321, POL2332, POL2353, PUB1250, SOC1005, SPANISH, and THE1041.	31
	12. To distinguish between arguments based on verifiable evidence and arguments based on emotion or faulty reasoning.	ART1000, ART1011, ART1012, BIO1003, BIO1005, BIO2010, CHM2003, ECO1001, ECO1002, ECO1110, ENG2100/T, ENG2150/T, HIS1000, HIS1001, HIS1003, HIS1005, HIS2050, HIS2053, MSC1003, MSC1005, PHI1500, PHI1600, PHI1700, PHY1003, PHY2003, POL1101, POL2001, POL2321, POL2332, POL2353, PSY1001, and PUB1250.	34
13. To recognize the characteristic questions asked by the humanities, social sciences, and/or natural sciences.	ANT1001, ART1011, ART1012, BIO1003, BIO1005, BIO2010, CHM1000, CHM2003, ENG2800, ENG2850, ENV1020, HIS1000, HIS1001, HIS1003, HIS1005, HIS2050, HIS2053, LTT2800, LTT2850, MSC1003, MSC1005, PHI1500, PHI1700, PHY1003, PHY2003, POL1101, POL2001, POL2321, POL2332, POL2353, PUB1250, SOC1005, and THE1041.	33	

Learning Goal	Learning Competency-- After successfully completing the common core curriculum, the student will be able:	Courses that address the learning goal	N
QUANTITATIVE SKILLS AND SCIENTIFIC INQUIRY	14. To use mathematics with increasing confidence and competence.	BIO1005, BIO2010, CHM1000, CHM2003, ENV1020, MTH2003, MTH2160, MTH2205, MTH2207, MTH2610, PHY1003, and PHY2003.	12
	15. To demonstrate mastery of a set of mathematical principles and techniques.	ENV1020, MTH2003, MTH2160, MTH2205, MTH2207, MTH2610, PHY1003, and PHY2003.	8
	16. To draw on mathematical principles and techniques in order to formulate approaches to solving mathematical and non-mathematical questions.	BIO1005, CHM2003, ENV1020, MTH2003, MTH2160, MTH2205, MTH2207, MTH2610, PHY1003, and PHY2003.	10
	17. To demonstrate familiarity with the fundamental concepts, tools, and methodologies of the natural sciences.	BIO1003, BIO1005, CHM1000, CHM2003, ENV1020, MTH2003, MTH2160, MTH2205, MTH2207, MTH2610, PHY1003, and PHY2003.	12
	18. To display a working knowledge of various research methodologies in the behavioral and social sciences (e.g., experimentation, field studies, and survey research), including each method's strengths and weaknesses.	BIO2010, ENV1020, PHY1003, and POL2353.	4
	19. To make careful, replicable observations and measurements in the collection of data and to be able to record scientific observations and measurements in narrative, tabular and graphical form.	BIO1003, BIO1005, BIO2010, CHM1000, CHM2003, ENV1020, PHY1003, and PHY2003.	8
	20. To demonstrate mastery of a body of scientific information in a particular scientific discipline.	BIO1003, BIO1005, BIO2010, CHM2003, ENV1020, PHY1003, and PHY2003.	7
	21. To recognize when a scientific theory explains observations and is well-supported by empirical evidence.	BIO1003, BIO1005, BIO2010, CHM1000, CHM2003, ENV1020, PHY1003, PHY2003, and PSY1001.	9
	22. To demonstrate awareness that, in the social and behavioral sciences, data obtained may be influenced by the cultural background of the subjects and the researchers, and that interpretation of the findings and conclusions drawn from the data may not always be applicable across cultures.	ANT1001, POL2353, PSY1001, and SOC1005.	4
	23. To evaluate whether reports of scientific research presented in news media are credible, whether the methods are reasonable, and whether the conclusions follow logically from the results.	BIO1003, BIO1005, BIO2010, CHM2003, PHY1003, PHY2003, and PSY1001.	7
	24. To discuss examples of the role of the natural and social sciences in society, business, and every person's life.	ANT1001, BIO1003, BIO1005, BIO2010, CHM2003, ECO1001, ECO1002, ECO1110, ENV1020, MTH2003, MTH2160, MTH2205, MTH2207, MTH2610, PHY2003, POL1101, POL2321, POL2353, PSY1001, PUB1250, and SOC1005.	21
	25. To discuss ethical concerns in the conduct of scientific research, including the use of human subjects and laboratory animals.	BIO1005, BIO2010, CHM2003, PHI1700, PHY2003, and PSY1001.	6

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TECHNOLOGICAL SKILLS (Other technological skills are included within Information Literacy)	26. To use spreadsheet software to solve problems at a level sufficient to pass the SimNet exam.	CIS1001 and SIMNET.	1
CIVIC AWARENESS	27a. To demonstrate an understanding of the United States Constitution regarding federalism and separation of powers (i.e., the policy jurisdictions of the different levels and branches of government and how federalism and the distinct branches of government interact in the creation of public policy).	HIS1000, HIS1005, HIS2050, HIS2053, POL1101, POL2001, POL2321, POL2332, POL2353, and PUB1250.	10
	27b. To demonstrate an understanding of the United States Constitution regarding individual rights and responsibilities (such as the importance of citizen involvement in public affairs in democratic republics and awareness of the variety of ways in which citizens can influence public policy).	HIS1000, HIS1005, HIS2050, HIS2053, POL1101, POL2332, and PUB1250.	7
	27c. To demonstrate an understanding of the United States Constitution regarding checks and balances.	HIS1000, HIS1005, HIS2050, HIS2053, POL1101, POL2001, POL2321, POL2332, POL2353, and PUB1250.	10
	28. To demonstrate an understanding of the political, civic, and public issues affecting business.	ECO1001, ECO1002, ECO1110, POL1101, POL2001, POL2321, POL2332, POL2353, and PUB1250.	9
	29. To explain the different formal and informal institutions that mediate between citizen policy preferences and policy outputs.	POL1101, POL2001, POL2321, POL2332, POL2353, and PUB1250.	6
	30. To recognize that there are differences of opinions about the importance of shared political and civic beliefs and values to the maintenance of constitutional democracy in an increasingly diverse society.	HIS1000, HIS1005, HIS2050, HIS2053, POL1101, POL2001, POL2321, POL2332, POL2353, and PUB1250.	10
	31. To describe the character of American political conflict and explain factors that tend to prevent or lower it, as well as factors that expand and intensify conflict.	HIS1000, HIS1005, HIS2050, HIS2053, POL1101, POL2001, POL2321, POL2332, POL2353, and PUB1250.	10
	32. To utilize the vocabulary of political analysis (such as power, authority, community, markets, government, etc.).	HIS1000, HIS1001, HIS1003, HIS1005, HIS2050, HIS2053, POL1101, POL2001, POL2321, POL2332, POL2353, and PUB1250.	12

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ETHICAL AWARENESS	33. To engage in moral self-examination and self-criticism.	CHM1000, PHI1500, PHI1700, and PSY1001.	4
	34. To employ tools for ethical decision making and for negotiating ethical dilemmas and conflicts (i.e. understand basic principles of ethics and how they are applied in moral reasoning).	CHM2003, PHI1500, PHI1600, PHI1700, POL2332, and PSY1001.	6
	35. To identify the ethical dimensions of issues confronted in all areas of life: personal, social, political, and professional.	ECO1001, ECO1110, HIS1000, HIS1001, HIS1003, HIS1005, HIS2050, HIS2053, PHI1500, PHI1700, POL2332, PSY1001, and PUB1250.	13
	36. To distinguish between an appeal based on authority and an appeal based on good reasons and good evidence.	COM1010, ENG2100/T, ENG2150/T, PHI1500, PHI1600, PHI1700, POL1101, POL2001, POL2321, POL2332, POL2353, and PUB1250.	12
GLOBAL/CROSS-CULTURAL AWARENESS	37. To recognize the contributions of diverse cultures.	ANT1001, ART1000, ART1011, ART1012, CHINESE, ENG2800, ENG2850, FRENCH, HEBREW, HIS1000, HIS1001, HIS1003, HIS1005, HIS2050, HIS2053, ITALIAN, JAPANESE, LTT2800, LTT2850, MSC1003, POL1101, POL2001, POL2321, POL2332, POL2353, PSY1001, SPANISH, and THE1041.	28
	38. To assess and evaluate cultural patterns and social structures, both in one's native culture and in cross-cultural settings.	ANT1001, ART1011, ART1012, ENG2800, ENG2850, HIS1000, HIS1001, HIS1003, HIS1005, HIS2050, HIS2053, LTT2800, LTT2850, PHI1700, POL1101, POL2001, POL2332, PSY1001, SOC1005, and THE1041.	20
	39. To analyze social differences and stratification, particularly along lines of race, ethnicity, gender, religion, sexual orientation, and class.	ANT1001, ART1011, ART1012, COM1010, HIS1000, HIS1001, HIS1003, HIS1005, HIS2050, HIS2053, POL1101, POL2001, POL2321, POL2332, POL2353, PUB1250, SOC1005, and THE1041.	18
	40. To demonstrate familiarity with the problems of interpretation of foreign texts and art forms.	ANT1001, ART1011, ART1012, CHINESE, ENG2800, ENG2850, FRENCH, HEBREW, HIS1001, HIS1003, MSC1003, MSC1005, ITALIAN, JAPANESE, LTT2800, LTT2850, SOC1005, and SPANISH.	18
AESTHETICS	41. To identify the elements common to an art form and evaluate how they are used in a specific work.	ART1000, ART1011, ART1012, ENG2800, ENG2850, LTT2800, MSC1003, MSC1005, and THE1041.	19
	42. To describe ways in which a work of art relates to particular historical or cultural contexts.	ART1000, ART1011, ART1012, ENG2800, ENG2850, HIS1000, HIS1001, HIS1003, HIS1005, HIS2050, HIS2053, LTT2800, MSC1003, MSC1005, and THE1041.	15
	43. To demonstrate an appreciation of artistic expression in various genres, media, and cultures.	ART1000, ART1011, ART1012, ENG2800, ENG2850, LTT2800, MSC1003, MSC1005, and THE1041.	9
	44. To offer critical evaluations of a work's strengths and limitations.	ART1000, ART1011, ART1012, COM1010, ENG2800, ENG2850, LTT2800, MSC1003, MSC1005, and THE1041.	10
INFORMATION LITERACY	45. To identify an information need; to pose a research question.	BIO1005, BIO2010, CHM1000, CHM2003, ENG2100/T, ENG2150/T, ENV1020, and PSY1001.	10
	46. To identify appropriate sources of information.	ART1011, ART1012, BIO1005, BIO2010, CHINESE, CHM1000, CHM2003, COM1010, ENG2100/T, ENG2150/T, FRENCH, HEBREW, HIS1000, HIS1001, HIS1003, HIS1005, HIS2050, HIS2053, ITALIAN, JAPANESE, PHI1500, PHI1700, PHY1003, POL2353, and SPANISH.	25
	47. To use effective strategies to retrieve information.	ART1011, ART1012, CHINESE, CHM2003, COM1010, ENG2100/T, ENG2150/T, FRENCH, HEBREW, ITALIAN, JAPANESE, PHI1500, PHI1700, PHY1003, POL2353, PSY1001, and SPANISH.	17
	48. To develop effective strategies for evaluating the accuracy of information and the reliability of its source.	BIO2010, CHM2003, ENG2100/T, ENG2150/T, PHY1003, POL2353, and THE1041.	7
	49. To evaluate the expertise of information producers.	BIO2010, CHM2003, COM1010, ENG2100/T, ENG2150/T, and POL2353.	6
	50. To demonstrate an understanding of issues affecting the use of information, including copyright, data privacy, plagiarism, and information security.	ART1000, BIO2010, CHM1000, CHM2003, COM1010, ENG2100/T, ENG2150/T, PHI1500, PHI1700, PHY1003, and THE1041.	13