



MTH 105: Math in Society
(4 Credit Hour /30 Lecture Hours/ 20 Lecture/ Lab Hours)
Financial Literacy Math 2016 FM1-2
Offered through the PCC Dual Credit Program

School year 2019-2020

BENSON POLYTECHNIC HIGH SCHOOL
546 NE 12th Ave. •Portland, OR 97232•Ph 503-916-5100•Fx (503) 916-2690
Course meets every other day on an A/B schedule in Room 218 Period 1, 3, 6

Instructor: MR TRINH htrinh@pps.net 503-916-5100

Office Location: Room 218

Office Hours: Period 2, Period 8

Course website: <https://www.pps.net/Page/14200>

COURSE MATERIALS

Text: [Math in Society](#) ; [Advance Algebra with Financial Applications](#)

Other Required Materials: Internet access: desmos and Google docs

COURSE INFORMATION

Course Content Outcome Guide: The complete Course Content Outcome Guide (CCOG) for this course is available online (see link below)

<https://www.pcc.edu/ccog/default.cfm?fa=ccog&subject=MTH&course=105>

Financial Literacy (roughly 60% of the course)

Probability and Statistics (roughly 30% of the course)

Logical Reasoning and Problem Solving (roughly 10% of the course)

High School Course Prerequisites: (MTH 95 or MTH 98) and (RD 115 and WR 115) or IRW 115 or equivalent placement.

Course Grading:

Classwork 40% Projects: 10% Assessment: 50%

****Note: For PCC Dual Credit grade calculations, students will not be allowed to retake examinations.****

- Student will work on a package called Target in class then do the its assessment at the end. Late work will get deducted. Low score on assessment can be redo.
- There is an End Unit Assessment at the end of each unit.
- Project will be assigned per quarter (There is 4 of them)
- Final exam will follow Benson's calendar

Class schedule: <https://www.pps.net/Page/13869#calendar23660/20190806/day>

(Calendar will be updated as class moves into session)

Class time	In Class:	Homework or Assignments:	Points:
Sept 9 – Oct 31, 2019 Seven-week class	Financial Lit. 1	Unit 1 – Unit 4	30%
Nov 4 – Nov Jan 17, 2019 Seven- week class	Financial Lit. 2	Unit 6 – Unit 8	30%
Feb 3 – Apr 10, 2019 Six-week class	Prop and Stats	Unit 9 – 12	30%
Apr 13 – May 8, 19 Three-week class	Logic/Set – Boolean Alg.	Unit 13 - 14	10%

Contents

Financial Lit. 1 (Seven-week class)

Unit 1 The Stock Market Unit 2 Modeling a Business

Unit 3 Banking Services Unit 4 Consumer Credit

Financial Lit 2 (Seven-week class)

Unit 5 Automobile Ownership Unit 6 Employment Basics

Unit 7 Independent Living Unit 8 Prepare a Budget

Probability and Statistics (Seven-week class)

Unit 9 Counting Rules
Unit 11 Measures of Central Tendencies
and Spread

Unit 10 Expected Value
Unit 12 Interpreting Distributions

Logic/Set and Boolean Algebra (Three-week class)

Unit 13 Understanding the Language and Rules of Logic
Unit 14 Recognizing Common Logical Fallacies

POLICIES

Grading Guidelines: <https://www.pcc.edu/resources/student-records/grading/>

Registration Deadlines: <http://www.pcc.edu/prepare/head-start/dual-credit/calendar.html>

Academic Integrity Policy:

<http://www.pcc.edu/resources/academic/standards-practices/academic-integrity.html>

Student Rights and Responsibilities: <http://www.pcc.edu/about/policy/student-rights/>

Additional Dual Credit Student Responsibilities: Students are required to view and comply with the regulations set forth in the PCC Dual Credit Student Handbook. The Student Handbook is available online at: www.pcc.edu/dchandbook

Attendance Policy: Students are expected to attend each class meeting. If a student is absent, it is the student's responsibility to find out what was covered in class and get the work completed in a timely manner.

Benson High's Code of Conduct Policy: <https://www.pps.net/domain/1915>

Flexibility Statement:

The instructor reserves the right to revise the class calendar, modify content, and/or substitute assignments in response to institutional, weather, or class situations.

Instructional ADA Statement:

Dual Credit Students: Federal law requires that high schools provide disability services for students with a documented disability (through either an IEP for 504 accommodation plan), including those students who are taking Dual Credit classes at their high school location.

On-campus students: PCC is committed to ensuring that classes are accessible. Disability Services (www.pcc.edu/disability/) works with students and faculty to minimize barriers. If students elect to use approved academic accommodations, they must provide in advance formal notification from Disability Services to the instructor.

Title IX Non-Discrimination Statement:

Dual Credit Students

The high school is responsible for providing access, accommodations, flexibility, and additional/ supplemental services for special populations and protected classes of students.

On-campus Students

PCC is committed to creating and fostering a learning and working environment based on open communication and mutual respect. If you believe you have encountered sexual harassment, sexual misconduct, sexual assault, or discrimination based on race, color, religion, age, national origin, veteran status, sex, sexual orientation, gender identity, or disability please contact the Office of Equity and Inclusion at (971) 722-5840 or equity.inclusion@pcc.edu.

Sanctuary College Statement:

PCC is a sanctuary college. For more information and resources, see www.pcc.edu/resources/undocumented-students/

PCC DUAL CREDIT www.pcc.edu/dualcredit

This course is offered for **Dual Credit** through **Portland Community College**. In addition to earning high school credit for this class, you may also register for this class through PCC and earn the college credits. The PCC credit for this class is offered to you free of charge, which offers a large cost savings. Visit <https://www.pcc.edu/enroll/paying-for-college/tuition> for more information.

If you want to register for this class with PCC, you first need become a Portland Community College student by completing the admissions application and selecting "PCC High School Dual Credit" as your admission type (if you have not done so already). You will be assigned a PCC email and ID #, and may also obtain a PCC ID card upon request.

COURSE EVALUATION SURVEY

At the end of the term you will receive notification to your PCC email account with instructions on how to complete the course evaluation survey. The survey is not required, though if you choose not to complete it you will have a course evaluation hold on your PCC account. This hold will not prevent future registrations, but will delay the availability for you to view your final grade on your PCC transcript until the week following finals week for the applicable PCC term (see: <https://www.pcc.edu/enroll/registration/academic-calendar.html>)

PCC RESOURCES FOR STUDENTS

As a PCC Dual Credit student you are able to access PCC facilities and services, just like an on-campus student. See below for more information on resources available to PCC Dual Credit students. <http://www.pcc.edu/resources>

Dual Credit classes can help you develop college skills.

Please be informed that:

- Dual Credit classes are PCC college classes that are part of your official college transcript.
- College classes, including Dual Credit classes, may impact college GPA, along with scholarship, financial aid, and athletic eligibility.
- You can find out how this course can fulfill requirements at PCC visit <http://catalog.pcc.edu/>.
- You can find out how this course can fit at other colleges and universities by contacting their admissions office.

You will need to consider the above information before you sign up for this PCC course.