Syllabus, Etc.

This is Math 1530, Probability and Statistics, section 901 (no meeting time), 940 (8:15 TTh), 942 (8:55 MW), or 943 (12:10 MW). This syllabus has the information you should need to begin to get started with Robe's online Math 1530 class. **Read the syllabus, all of it.** Keep the syllabus handy.

Important News (copies of this syllabus, for instance) can also be found on the D2L site for our class: https://elearn.etsu.edu/d2l/login > login with your ETSU username and password > click on the link for Math 1530 – class you are registered for.

As of this posting, most classes at ETSU have gone entirely online for Fall 2020. Synchronous Fall 2020 Math 1530 classes will have Final Exams at the days and times listed on ETSU's Fall 2020 Final Exam schedule unless otherwise arranged *ahead of time* between Prof. Robe, individual students, and/or their individual test proctors. See note below about proctors,

Instructor: Corlis Robe

Office: @ home

Phone: 423-367-MATH(6284) This phone will *only* answer numbers in its contacts list (so email yours to Prof. Robe). You may call or text any time. If it is too early or too late in the day, the phone's sound will be off and not bother me. ☺

Office Hours: no physical office hours as such – Prof. Robe does not have any on-ground classes this Fall. She therefore does not have planned, regular office hours on campus. **Prof. Robe strongly encourages students to email, text, or call her as frequently as necessary.** Students should also consider the 'Discusssion boards' for group communication about particular topics.

Designated **textbook**: Basic Practice of Statistics, 8th edition David S. Moore (WHFreeman, 2018).

- Unless you specifically choose to do so, you need not purchase physical copy of the textbook. What you *will need* to **purchase** is electronic access to SaplingPlus, the **textbook's** online homework system and **ebook** site. The SaplingPlus link specifically for Robe's Fall 2020 online Math 1530 classes:

- https://www.saplinglearning.com/ibiscms/add/index.php?id=147047 This link is also in a number of places on D2L, including a News item with how-to get the ebook ball rolling. Because I have several sections of Math 1530, you will also need a 'keycode,' one of robe901, robe940, robe942, robe943 (based on your section of Math 1530).

Minitab, a statistical software package, will be introduced and used in the class. Most computers on the ETSU campus have Minitab loaded on them. (ha, ha) Our primary access to Minitab will be through AWS Appstream 2.0 via https://etsu.awsapps.com/start. Please refer to D2L for information and steps on accessing the Minitab.

From the textbook, Math 1530 will cover chapters 1 – 22, and 25 (***not*** strictly in chapter order), at the rate of about one chapter per class day. SEE the *rough*, approximate schedule in the Detailed Syllabus module under the Content tab on D2L.

Prerequisite: You need two years of high school algebra, or the equivalent, to get through the course. If you know from the start that your algebra skills are weak, you will want to keep this in mind when considering tutoring.

Calculator: A statistical calculator (must do two-variable statistics) is recommended. There are a large number of calculators commercially available, in a wide range of prices. Try google or consult Prof. Robe if you are concerned about an individual model. Even in an on-ground class, I *do not* go over calculator use in class. It is the responsibility of the individual student to learn to use their own calculator. I am happy to assist with calculators as needed on a one-on-one basis. *You may NOT use a calculator on your phone during any Math 1530 test or the Final Exam*.

A total of 3 **chapter Tests** will cover five or so chapters each, and will happen roughly every 4.5 weeks. See the approximate schedule for dates. The review sheets are already on d2l. Internet will be required for time-limited testing through D2L. Synchronous classes (if you have a regular class time) will take tests during their regular class time. Webcam is preferred but not required.

> Asynchronous (no regular meetings) students are welcome to test with a 'regular' class or with an individual test proctor. PLEASE COMMUNICATE DIRECTLY with Prof. Robe about this. If you have a testing center (that is open) or a boss or a neighbor who is willing to proctor tests for you, you may certainly take tests with that person. I just have to contact them several days before the test to confirm testing arrangements. Regrettably, quarantine or no, *immediate family* members are NOT suitable test proctors.

Robe's own Quizzes **or other assignments** will occur as often as I can plan them, more frequently early in the term than later. Especially due to the online format, many assignments will come with a 'cover sheet' of instructions, or details pertinent to the assignment. YOU ARE MEANT TO READ AND FOLLOW THOSE INSTRUCTIONS. Some quizzes will be straightforward question-and-answer on d2l. Some 'quizzes' will be one-page project-type assignments. (See also "Learning Curve assessments" and homework below.) Any item that I take from you and look at or requires you to submit something to the Dropbox counts as a 'quiz.' LATE ASSIGNMENTS will not be accepted – none of us has time to keep up with them. Your *ten* best quizzes = a Test grade. Any missed quiz just counts as one of the low grades you get to drop. *As of publication of this syllabus, there are already three or four quizzes announced on D2L*.

'Learning Curve' assignments are worth **5%** of your Math 1530 grade – they consist of one 'Learning Curve' assignment for each regular chapter covered in Math 1530. LC assignments are available for credit from the start of the term through midnight on Sunday, 06DEC20. There is no time limit to take a LC assignment , and the software is set up to keep reviewing and reminding until the necessary score is reached. The idea is to use the material as practice, or review, as needed for tests and the Final Exam. *The software will give each assignment its own percent grade.* At the end of the term, I will count LC assignments completed. You will receive a maximum of 50 points (out of 1000 in your Math 1530 grade) based on how many are completed.

The **Capstone Project** is a heavily Minitab-dependent project that pulls together elements from virtually all of the chapters covered in Math 1530. **The Project is worth 10% of your Math 1530 grade**. Several previous semester Capstone Projects, and solutions, are already on the d2l site for you to look at. I will put the project on D2L and email it to the class later in the semester.

COVID Safety: *All members of the ETSU community, including visitors, are required to wear face coverings in public spaces. Read* **COVID-19 Policy on Face Coverings** *for details.* Wearing a mask that covers your nose and mouth communicates the care and respect you have for yourself, the care and respect you have for those you live with, and the care and respect you have for other members of this community. The best evidence we have, from public health professionals, is that wearing masks is one of the best ways to protect against the spread of COVID-19 and other airborne illnesses. For more information on ETSU's COVID procedures and information, please visit**https://www.etsu.edu/coronavirus/.**

Your grade is based on a scale of 1000 available **points**, 200 from the mandatory departmental final exam, 100 from the Capstone Project, 50 from 'Learning Curve assignments' and 650 from tests and quizzes. The 650 will be

$$(Qz + T1 + T2 + T3) \times 1.625 = 650$$

The letter grade scale follows:

A = 950 – 1000	A - = 900 - 949	B + = 880 – 899	B = 820 – 879
B - = 800 – 819	C + = 780 – 799	C = 720 – 779	C - = 700 – 719
D+ = 650 – 699	D = 600 – 649	F = less than 600 or less than 40% on Final or Academic Misconduct	

Student Success:

- **S**tudy and read before attending the lectures. Keep up with the course.
- Devote some **T**ime to studying each day, rather than a large amount of time once a week.
- Take an **A**ctive role in learning. Come to class and participate.
- **T**utor each other. If you feel that you are lost help is out there; see your instructor/tutor early. Don't wait until the last minute!
- **A**lways talk to me before you decide to stop attending the lecture or drop the class.

Student Disability Services: Students requesting special assistance due to a learning disability must show proof that they have properly registered their disability. Call Disability Services at 439-4841 for information.

Tutoring:

Center for Academic Achievement (CFAA): Provides free individual tutoring seven days a week. The tutoring for Fall 2020 will be online. Visit their website (http://www.etsu.edu/uged/cfaa/default.aspx) for instructions about how to schedule and participate in an online tutoring session. For assistance you can contact their front desk on the first floor of the Sherrod Library in room 144 via phone (423-439-7111) or email (learning@etsu.edu).

DEPARTMENTAL FINAL EXAMINATION REQUIREMENT FOR MATH 1530:

A **comprehensive final examination will be given on the date and time assigned per ETSU's Final Exam schedule**. The Final Examination will count 20% (200 points) of your final grade. **For extremely low scores on the Final Examination (less than 80 points or less than 40%),** the student will be assigned a semester grade of F.

Communication Bonus: You have the potential to add 50 points (in addition to 1000 possible) to your Math 1530 grade. In order to get these bonus points, I require that you email me weekly. In this email, you need to tell me two things: (1) what topics and/or concepts are you struggling with and (2) something positive that happened to you during the week or something interesting about yourself. The first email (week of Aug. 24, 2020) just needs to be an email introducing yourself. All emails must be sent by Sunday 11:59 pm each week. **Please see D2L (Course Content → Detailed Syllabus →Communication with Prof. Robe) for email expectations.** There will be a total of 14 emails that you should send to earn all 50 bonus points. Each email is worth about 3.5 points **Prof. Robe sincerely hopes that requiring such communication will encourage students to ask questions in those emails. Email messages with *questions* will get replies as promptly as is practical. Messages *without* specific questions will be noted but not necessarily replied to. Prof. Robe also strongly recommends that students keep all email (whether sent or received) pertaining to internet Math 1530 until the term is over. I will certainly keep all of yours.** 😊

The list of specific homework problems for each chapter is available on the d2l site for the course, under the content tab, in the module called 'detailed syllabus' **You** *are* responsible for these homework problems. If you actually read the syllabus, send Prof. Robe an email saying "I read the syllabus" along with your name and our Math 1530 section number. For this, you will get one free 10/10 quiz grade. This is separate from any other bonuses that might appear throughout Math 1530. My email address, phone number, and the **CFAA** in the library are there for you to come and ask questions. At your option, I will collect, check over, and/or discuss with you any homework or other class-related question that you might have. Except for noted special assignments, homework will not figure directly into your grade. Historically, students who do most or all of the reading and homework do well in Math 1530. You cannot hope to do well in any Mathematics class if you do not attend class and complete homework regularly.

There is no such thing as a stupid question. During the Great New Abnormal, we don't have the option of face-to-face meetings in a classroom. *You* cannot make a call or send an email that is too late. Truly, anytime is fine. **I** generally won't answer after 10ish, but I will do my best to answer as soon as is practical. I will certainly check email multiple times daily over the course of the semester. Posting questions to a Discussion board is fine, too.

Professor Robe's email is robe@etsu.edu ; robe@mail.etsu.edu goes to the same place.
The cellular phone number 423-367-MATH (6284) is Prof. Robe's phone number *only for students,* specifically students who are in its Contacts list. You must share a phone number with me (via ETSU email) before I will answer your phone call.

Website to register SapingPlus access code (link is also on D2L)
https://www.saplinglearning.com/ibiscms/add/index.php?id=147047
You may purchase access code through the website or elsewhere.

You will need to check D2L *often*, preferably daily, as well as using and printing Minitab output. Regular access to a computer (preferably both at home and elsewhere) is required for online Math 1530.

The instructor reserves the right to change this syllabus, with due notice to the class, to best benefit the needs of the students. "While I've made a sincere attempt to create a flexible plan for teaching

during the pandemic, the reality is that I cannot predict the future. Course meetings, learning activities, and assignments may change if we need to move quickly to a different operational stage of the university's pandemic framework."