

PTAC 2438.221C3 Process Technology III-Operations Fall 2025 6:00pm-8:50pm / Tuesday and Thursday

Instructor Information: Lenora Dawson, ldawson1@com.edu, 409-933-8305

Office hours and location:

ICB: Office-207-12 Tues: 2:00pm-5:00pm Thurs: 2:00pm-4:30pm

Required Textbook/Materials: PROCESS TECHNOLOGY OPERATIONS

NAPTA 2ND EDITION ISBN-13: 978-0-13-641991-4

FLASH OR THUMB DRIVE Small 3-ring binder or Folder with brads

Course Description:

Process Technology III – Operations is one of the eight core courses in the Process Technology Alliance curriculum, sponsored by the North American Process Technology Alliance (NAPTA, formerly GCPTA). The two-year program has been created to train students for careers as process technicians in the chemical and refining process industries. This course is typically taken in the 4th semester of the PTEC program.

The course uses existing knowledge presented the PTAC 1410 Equipment, PTAC 2420-Systems, and PTAC 1432- Instrumentation courses to bring together and understand the startup, normal operations, normal shutdown, turnarounds, and abnormal situations, as well as the process technician's role in performing the tasks associated with these concepts within an operating unit. The Envision Simulator will be utilized extensively.

Course requirements:

All 4 tests will be done in the classroom. All labs will be done on your computers. The procedures homework assignment must be typed. Individual Safety Presentations.

Determination of Course Grade/Detailed Grading Formula:

| Determination of Co | arse Grade, De | tuneu Grading I Grindia. |
|---------------------|----------------|-----------------------------|
| 500-450 | =A | |
| 449-400 | =B | |
| 399-350 | =C | |
| 349-300 | =D | |
| Below 300 | =F | |
| Four Tests | | 330 |
| Four Homework Assi | gnments | 80 |
| Five Lab Exercises | _ | 90 |
| TOTAL | | 500 |
| | | |
| Test 1 | 115 | |
| Test 2 | 35 | |
| Test 3 | 60 | |
| Test 4 | 120 | |
| | | |
| Homework 1 | 10 | P&ID |
| Homework 2 | 20 | Procedure |
| Homework 3 | 20 | LOTO |
| Homework 4 | 30 | CYK-Checking Your Knowledge |
| | | |
| Lab 1 | 10 | Model 6 |
| Lab 2 | 20 | Model 8 |
| Lab 3 | 20 | Model 9 |
| Lab 4 | 20 | Model 10 |
| Lab 5 | 20 | Model 3 |
| | | |

NOTE: Failure to turn in assigned homework assignments and labs, or to make a credible attempt will have the homework and lab grade entered as negative twice the homework and value. (e.g., if the homework is worth 10 points it will be entered as a -20). Homework and labs are due at the beginning of class (within the first 5 minutes). Late homework and labs will not be accepted.

Late Work, Make-Up, and Extra-Credit Policy:

Tests not taken on the scheduled day (unless previously agreed to by the instructor) must be made up in 5 school days. The test will receive no higher than 90% of the actual grade.

Attendance Policy:

Much of the learning occurs in the classroom setting through lectures and labs. It is difficult to learn all the concepts simply by reading the course textbook, although reading the textbook is essential to being successful in this course. Class participation is essential to learning. Many of the class sessions cover topics that have no handouts. Good note taking is important to be successful in this class. Many hands-on and group activities take place in the classroom. Attendance is taken at each class

period. If you miss class and any activities that are graded, you will get a zero and no makeup tests are allowed.

If you find that you are going to miss a scheduled class for any reason, please notify your professor by e-mail, as soon as possible. Contacting fellow classmates is highly encouraged to get details on missed assignments.

Electronic Devices: All electronic devices (e.g., cell phones, pagers, cameras, iPad, iPod, tape recorders, laptop computers and other devices) shall not be used in the classroom. This policy takes effect immediately as the student enters the classroom and remains in effect until the class session has been concluded for the day. Students using such devices during an exam will be expelled from the class and will receive an immediate "F" for the course. Hand-held calculators may only be used during an exam; no other electronic devices may be used.

Communicating with your instructor: ALL electronic communication with the instructor must be through your COM email. Due to FERPA restrictions, faculty cannot share any information about performance in the class through other electronic means. (Faculty may add additional statements requiring monitoring and communication expectations via D2L or other LMS)

| Student Learner Outcome | Maps to Core Objective | Assessed via this Assignment |
|--------------------------------|----------------------------|----------------------------------|
| Operate various process | Critical thinking | Distillation Test |
| systems | | |
| Write and follow safety and | Communication-writing | LOTO assignment, procedure |
| operational procedures | | assignment |
| Collect and use data for | Empirical and Quantitative | Lab exercises |
| determination of process | skills | |
| specifications | | |
| Work in self-directed teams | Teamwork | Distillation Jeopardy, Survival, |
| | | Egg Exercise |
| | | |

Academic Dishonesty:

Any incident of academic dishonesty will be dealt with in accordance with college policy via the Student Handbook. Academic dishonesty – such as cheating on exams is an extremely serious offense and will result in a **grade of zero** on that exam and the student will be referred to the Office of Student Conduct for appropriate discipline action. IN OTHER WORDS, If the student is caught cheating on any classwork of any kind, they get an immediate 0% for that grade. If two students copy each other's work, both get zeros." **Student Concerns:** If you have any questions or concerns about any aspect of this course, please contact me using the contact information previously provided. If, after discussing your concern with me, you continue to have questions, please contact the PTEC Department Chair, Derrick Lewis at 409-933-8607 or email dlewis22@com.edu.

TUES/THURS PTAC-OPERATIONS III 6:00pm-8:50pm

Course outline: **Schedule is subject to change at the discretion of the instructor

based on instruction and/or course needs. **

| Week# | Topic | Reading Assignments & |
|---------|--|---------------------------|
| | | Homework Due Dates |
| 1 | Intro, Syllabus, Expectations, Explain | Read Chapters 1 |
| 8/19/25 | Grading points, and bring Thumb Drive | Complete your CYK |
| Tues | Syllabus Quiz | |
| 8/21/25 | Review of basic Chemistry and Physics | |
| Thurs | Discuss Math Problems | |
| | Discuss Chapter 1-Intro to Operations | |
| | and CYK | |
| 2 | Simulators. | |
| 8/26/25 | Complete Lab 1, Model 6 in class | Read Chapter 3 |
| Tues | (10 points) | Complete your CYK |
| 8/28/25 | Discuss Chapter 3-Reading Process and | |
| Thurs | СҮК | |
| | P&ID's 1-Lab lesson | |
| | (Timtene packet-handout) | |
| 3 | P&ID's 2-Lab lesson | CENSUS ROSTER DUE-9/3/25 |
| 9/02/25 | Math Problems due | (Math completed in-class) |
| Tues | | |
| 9/04/25 | Timtene Unit Intro-Bring packets to class. | Read Chapter 9 |
| Thurs | | Complete your CYK |
| 4 | Timtene Unit Utilities-Bring packets to | |
| 9/09/25 | class. | |
| Tues | Discuss Chapter 9-Utility&Auxiliary | |
| | Systems and CYK | |
| 9/11/25 | Timtene Unit-Bring packets to class. | Read Chapter 13 |
| Thurs | | Complete your CYK |
| | HW 1- P&ID's due | |
| 5 | Discuss Chapter 13-Sampling and CYK- | Read Chapter 6 |
| 9/16/25 | Sampling Lab | Complete your CYK |
| Tues | Lab 2 (Model 8) due (20 points) | |
| 9/18/25 | Survival | |
| Thurs | PSM Handout | |

| Questions Assignment-Permits NAPTA Tues 9/25/25 Tues 9/25/25 Thurs Oiscuss Chapter 8-Shift Change and Read Chapter 7 Relief and CYK-Lab lesson Complete CYK Tues 10/02/25 Thurs Oiscuss Chapter 7-Procedures and CYK-(Choosing/Assigning Topics) Oiscuss Chapter 4-SHE and CYK-(Choosing/Assigning Topics) Oiscuss Chapter 4-SHE and CYK Tues Oiscuss Chapter 4-SHE and CYK Tues Oiscuss Chapter 4-SHE and CYK Tues Oiscuss Chapter 5-LOTO and CYK Read Chapter 5 Thurs Oiscuss Chapter 5-LOTO and CYK Read Chapter 15 Tues Oiscuss Chapter 5-LOTO and CYK Complete your CYK Oiscuss Chapter 5-LOTO and CYK Tues Oiscuss Chapter 15-Emergencies / Film Diagnosis and CYK HW 2- Procedure due (20 points) Permit Writing-Lab lesson Review-previous chapters Complete your CYK Tues Oiscuss Chapter 14-Maintenance and CYK Tues Oiscuss Chapter 16-Unit Shutdown and CYK Cyk Cyk Complete your CYK Discuss Chapter 10-Unit Commissioning and CYK Discuss Chapter 11-Unit Startup and CYK Discuss Chapter 11-Unit Startup and CYK Discuss Chapter 11-Unit Startup and CYK And Camber 12-Unit Startup And CYK And Cam | | Discuss Chapter 6-Communication/Echo Communications and CYK-Lab lesson | |
|--|----------|--|--------------------------|
| 9/23/25 Tues 9/25/25 Thurs 9/25/25 Thurs 9/30/25 Thurs Discuss Chapter 8-Shift Change and Read Chapter 7 9/30/25 Relief and CYK-Lab lesson Complete CYK 7 9/30/25 Tues (Calc. w/schedule) 10/02/25 Thurs B Discuss Chapter 7-Procedures Read Chapter 4 Discuss Chapter 4-SHE and CYK 10/07/25 Tues 10/09/25 Thurs Discuss Chapter 4-SHE 10/09/25 Thurs Discuss Chapter 5-LOTO and CYK Read Chapter 15 Thurs 10/14/25 Tues 10/16/25 Thurs Discuss Chapter 15-Emergencies / Film Diagnosis and CYK HW 2- Procedure due (20 points) 10 Permit Writing-Lab lesson Review-previous chapters 10/23/25 Thurs 11 General Lab SiMS Example/Review HW 3-LOTO due 10/30/25 Thurs Discuss Chapter 16-Unit Shutdown and CYK Tues Discuss Chapter 10-Unit Commissioning and CYK Tues Distuss Chapter 10-Unit Commissioning and CYK Tues Distuss Chapter 11-Unit Startup | | | |
| Tues 9/25/25 Thurs Discuss Chapter 8-Shift Change and 9/30/25 Tues (Calc. w/schedule) 10/02/25 Thurs Discuss Chapter 7-Procedures and CYK- (Choosing/Assigning Topics) Tues 10/07/25 Tues Discuss Chapter 4-SHE and CYK and CYK Discuss Chapter 4-SHE and CYK Discuss Chapter 5-LOTO and CYK Read Chapter 5 Complete your CYK Discuss Chapter 5-LOTO and CYK Read Chapter 15 Complete your CYK Discuss Chapter 15-Emergencies / Film Diagnosis and CYK HW 2- Procedure due (20 points) 10/21/25 Tues Discuss Chapter 14-Maintenance and CYK 11 General Lab SIMS Example/Review Tues 10/30/25 Thurs Discuss Chapter 16-Unit Shutdown and CYK 12 Discuss Chapter 10-Unit Commissioning and CYK Tues Distillation / Boiling Points 11/06/25 Discuss Chapter 10-Unit Commissioning and CYK Tues Discuss Chapter 11-Unit Startup 11/06/25 Discuss Chapter 11-Unit Startup | | | |
| Py/25/25 Thurs | | NAPTA | |
| Thurs 7 Discuss Chapter 8-Shift Change and Read Chapter 7 9/30/25 Relief and CYK-Lab lesson Complete CYK Tues 10/02/25 Discuss Chapter 7-Procedures and CYK- (Choosing/Assigning Topics) 8 Discuss Chapter 4-SHE and CYK Tues 10/09/25 Tues 10/09/25 Exam 2-PSM Test (35 points) Thurs 9 Discuss Chapter 5-LOTO and CYK Read Chapter 15 Thurs 10/14/25 Labs 3 & 4 (Models 9 & 10) due-20 Complete your CYK HW 2-Procedure due (20 points) 10 Permit Writing-Lab lesson Read Chapter 14 10/21/25 Tues 10/23/25 Thurs 10/23/25 Discuss Chapter 14-Maintenance and CYK Tues 10/23/25 Thurs 10/28/25 SiMS Example/Review Complete your CYK Tues 10/30/25 Discuss Chapter 16-Unit Shutdown and Read Chapter 10 Thurs 10 Discuss Chapter 16-Unit Shutdown and CYK Tues 10/30/25 Discuss Chapter 10-Unit Commissioning and CYK Tues Discuss Chapter 10-Unit Commissioning Read Chapter 11 Complete CYK Tues Discuss Chapter 10-Unit Commissioning Read Chapter 11 Complete your CYK Tues Discuss Chapter 10-Unit Startup | | 5 4445 | 5 10 1 0 |
| 7 9/30/25 Tues (Calc. w/schedule) 10/02/25 Thurs November 8-Shift Change and Read Chapter 7 (Complete CYK Relief and CYK-Lab lesson (Calc. w/schedule) 10/02/25 Thurs November 8 Discuss Chapter 7-Procedures and CYK-(Choosing/Assigning Topics) Read Chapter 4 Complete your CYK 8 10/07/25 Tues 10/09/25 Thurs November 9 Discuss Chapter 5-LOTO and CYK Read Chapter 5 Thurs 10/14/25 Tues 10/14/25 Thurs Discuss Chapter 15-Emergencies / Film Diagnosis and CYK HW 2- Procedure due (20 points) 10 10 Permit Writing-Lab lesson Review-previous chapters 10/23/25 Tues 10/23/25 Thurs Discuss Chapter 14-Maintenance and CYK 11 General Lab SIMS Example/Review HW 3-LOTO due 10/30/25 Thurs CYK 12 Discuss Chapter 16-Unit Shutdown and CYK Complete Your CYK Read Chapter 10 Complete Your CYK Complete Your CYK Read Chapter 10 Complete CYK Read Chapter 10 Complete Your CYK Discuss Chapter 10-Unit Commissioning And CYK Discuss Chapter 11-Unit Startup Discuss Chapter 11-Unit Startup | | Exam 1-(115 points) | • |
| 9/30/25 Tues (Calc. w/schedule) 10/02/25 Thurs and CYK- (Choosing/Assigning Topics) 8 Discuss Chapter 4-SHE and CYK Tues 10/09/25 Thurs and CYK 9 Discuss Chapter 5-LOTO and CYK Tues 20/16/25 Thurs 2 | | | • |
| Tues (Calc. w/schedule) 10/02/25 Thurs and CYK- (Choosing/Assigning Topics) 8 Discuss Chapter 4-SHE and CYK Tues 10/09/25 Thurs and CYK 10/09/25 Tues 10/09/25 Thurs Discuss Chapter 5-LOTO and CYK Tues Discuss Chapter 15-Emergencies / Film Diagnosis and CYK 10/14/25 Thurs Discuss Chapter 15-Emergencies / Film Diagnosis and CYK 10/21/25 Tues 10/21/25 Thurs Discuss Chapter 15-Emergencies / Film Diagnosis and CYK Tues Discuss Chapter 15-Emergencies / Film Diagnosis and CYK 10/21/25 Tues 10/23/25 Tues 10/23/25 Thurs Discuss Chapter 14-Maintenance and CYK 11 General Lab Thurs Read Chapter 16 Thurs Complete your CYK 11 General Lab Thurs Read Chapter 16 Thurs Complete your CYK 12 Discuss Chapter 16-Unit Shutdown and Read Chapter 11 Thurs CYK Tues Discuss Chapter 10-Unit Commissioning and CYK Tues Discuss Chapter 11-Unit Startup | _ | | • |
| 10/02/25 Thurs and CYK- (Choosing/Assigning Topics) 8 Discuss Chapter 4-SHE and CYK Tues 10/09/25 Tues 10/09/25 Thurs Exam 2-PSM Test (35 points) Thurs Discuss Chapter 5-LOTO and CYK Tues Points each) 10/16/25 Thurs Discuss Chapter 15-Emergencies / Film Diagnosis and CYK HW 2- Procedure due (20 points) Tues 10/21/25 Tues 10/23/25 Tues 10/23/25 Tues 10/23/25 Thurs Discuss Chapter 14-Maintenance and CYK Tues Discuss Chapter 14-Maintenance and CYK Tues Discuss Chapter 15-Discuss Chapter 14-Maintenance and CYK Tues Discuss Chapter 16-Unit Shutdown and Read Chapter 10 Thurs CYK Tues 10/30/25 Ties 10/30/25 Ties 10/30/25 Ties 10/30/25 Ties Discuss Chapter 16-Unit Shutdown and Read Chapter 10 Complete CYK Tues 11 Discuss Chapter 10-Unit Commissioning Read Chapter 11 Complete CYK Tues Discuss Chapter 10-Unit Commissioning Read Chapter 11 Complete CYK Tues Discuss Chapter 11-Unit Startup | | | Complete CYK |
| Thurs and CYK- (choosing/Assigning Topics) 8 Discuss Chapter 4-SHE and CYK Tues 10/09/25 Exam 2-PSM Test (35 points) Thurs Complete your CYK 9 Discuss Chapter 5-LOTO and CYK 10/14/25 Labs 3 & 4 (Models 9 & 10) due-20 points each) 10/16/25 Discuss Chapter 15-Emergencies / Film Diagnosis and CYK HW 2- Procedure due (20 points) 10 Permit Writing-Lab lesson Read Chapter 14 10/21/25 Tues 10/23/25 Tues 10/28/25 SIMS Example/Review Tues HW 3-LOTO due 10/30/25 Discuss Chapter 16-Unit Shutdown and Read Chapter 10 Thurs CYK Tues Discuss Chapter 10-Unit Commissioning Read Chapter 11 11 General Lab Complete your CYK Tues Discuss Chapter 16-Unit Shutdown and Read Chapter 10 Thurs CYK Tues Discuss Chapter 10-Unit Commissioning Read Chapter 11 11/04/25 Tues Discuss Chapter 10-Unit Commissioning Read Chapter 11 11/04/25 Discuss Chapter 11-Unit Startup | | | 5 10 1 4 |
| 8 10/07/25 Tues and CYK 10/09/25 Thurs Discuss Chapter 5-LOTO and CYK 9 Discuss Chapter 5-LOTO and CYK 10/14/25 Tues 10/16/25 Thurs Discuss Chapter 15-Emergencies / Film Diagnosis and CYK HW 2- Procedure due (20 points) 10 Permit Writing-Lab lesson Review-previous chapters 10/23/25 Thurs Discuss Chapter 14-Maintenance and CYK 11 General Lab Review-Previous Chapter 15-Emergencies / Film Diagnosis and CYK 10/28/25 Thurs Discuss Chapter 14-Maintenance and CYK 11 General Lab Read Chapter 16 10/28/25 Tues Discuss Chapter 14-Maintenance and CYK 11 General Lab Read Chapter 16 10/30/25 Tues Discuss Chapter 16-Unit Shutdown and Read Chapter 10 Complete cycur CYK 12 Discuss Chapter 10-Unit Commissioning Read Chapter 11 11/04/25 Tues Discuss Chapter 10-Unit Commissioning Read Chapter 11 Complete cycur CYK Discuss Chapter 10-Unit Commissioning Read Chapter 11 Complete cycur CYK Discuss Chapter 11-Unit Startup | | • | • |
| 10/07/25 Tues 10/09/25 Thurs Discuss Chapter 5-LOTO and CYK 10/14/25 Tues Discuss Chapter 5-LOTO and CYK Labs 3 & 4 (Models 9 & 10) due-20 Tues Discuss Chapter 15-Emergencies / Film Diagnosis and CYK HW 2- Procedure due (20 points) 10 Permit Writing-Lab lesson 10/21/25 Tues 10/23/25 Thurs Discuss Chapter 14-Maintenance and CYK 11 General Lab 10/28/25 Tues 10/30/25 Tues 10/30/25 Tues 10/30/25 Ties Discuss Chapter 16-Unit Shutdown and Thurs CYK 12 Discuss Chapter 10-Unit Commissioning Tues 11/04/25 Tues Discuss Chapter 10-Unit Startup Discuss Chapter 11 Complete your CYK Complete your CYK Complete CYK Complete CYK Complete CYK Complete Your CYK Complete CYK Complete CYK Complete CYK Discuss Chapter 10-Unit Commissioning Read Chapter 11 Complete your CYK Complete your CYK Complete Your CYK Complete CYK Discuss Chapter 10-Unit Startup | | | Complete your CYK |
| Tues 10/09/25 Thurs Discuss Chapter 5-LOTO and CYK Read Chapter 15 10/14/25 Tues 10/16/25 Thurs Diagnosis and CYK HW 2- Procedure due (20 points) 10/21/25 Tues 10/23/25 Thurs 11 General Lab SIMS Example/Review Tues 10/30/25 Tues 10/30/25 Thurs Discuss Chapter 16-Unit Shutdown and CYK Thurs Discuss Chapter 10-Unit Commissioning and CYK Tues Discuss Chapter 11-Unit Startup Read Chapter 11 Complete your CYK Read Chapter 14 Complete your CYK Read Chapter 16 Complete your CYK Complete your CYK Complete your CYK Complete CYK Complete CYK Complete CYK Complete CYK Complete CYK Discuss Chapter 10-Unit Commissioning Read Chapter 11 Complete your CYK Tues Discuss Chapter 11-Unit Startup | _ | | |
| Thurs Discuss Chapter 5-LOTO and CYK Read Chapter 15 | | and CYK | |
| Thurs Discuss Chapter 5-LOTO and CYK Read Chapter 15 10/14/25 Labs 3 & 4 (Models 9 & 10) due-20 Tues Discuss Chapter 15-Emergencies / Film Diagnosis and CYK HW 2- Procedure due (20 points) 10 Permit Writing-Lab lesson Review-previous chapters Tues 10/23/25 Thurs Discuss Chapter 14-Maintenance and CYK 11 General Lab Read Chapter 16 10/28/25 Tues Read Chapter 16 Complete your CYK Read Chapter 10 Complete your CYK Read Chapter 10 Complete Your CYK Complete CYK Read Chapter 10 Complete Your CYK Complete Your CYK Tues Discuss Chapter 10-Unit Commissioning and CYK Discuss Chapter 11-Unit Startup | | | |
| 9 Discuss Chapter 5-LOTO and CYK Read Chapter 15 10/14/25 Labs 3 & 4 (Models 9 & 10) due-20 points each) 10/16/25 Discuss Chapter 15-Emergencies / Film Diagnosis and CYK HW 2- Procedure due (20 points) 10 Permit Writing-Lab lesson Review-previous chapters 10/21/25 Tues 10/23/25 Discuss Chapter 14-Maintenance and CYK 11 General Lab Read Chapter 16 10/28/25 SIMS Example/Review Tues HW 3-LOTO due 10/30/25 Discuss Chapter 16-Unit Shutdown and Thurs CYK Complete cyk 12 Discuss Chapter 10-Unit Commissioning 11/04/25 Tues Discuss Chapter 11-Unit Startup 11/06/25 Discuss Chapter 11-Unit Startup | | Exam 2–PSM Test (35 points) | • |
| Tues points each) 10/16/25 Thurs Diagnosis and CYK HW 2- Procedure due (20 points) 10/21/25 Tues 10/23/25 Thurs Discuss Chapter 14-Maintenance and CYK 11 General Lab SIMS Example/Review Tues 10/30/25 Tues 10/30/25 Thurs Discuss Chapter 16-Unit Shutdown and Thurs CYK 12 Discuss Chapter 10-Unit Commissioning and CYK Tues Discuss Chapter 11-Unit Startup Complete your CYK Complete your CYK Complete CYK Complete CYK Complete YOUR CYK Complete CYK Complete CYK Complete YOUR COMPLETE TIE Complete CYK Complete YOUR COMPLETE TIE COMPLETE YOUR COMPLE | | | |
| Tues points each) 10/16/25 Thurs Diagnosis and CYK HW 2- Procedure due (20 points) 10 Permit Writing-Lab lesson Review-previous chapters 10/23/25 Tues 10/23/25 Tiues 10/28/25 Tiues 11/28/25 Tiues 11/ | _ | • | • |
| 10/16/25 Thurs Discuss Chapter 15-Emergencies / Film Diagnosis and CYK HW 2- Procedure due (20 points) 10 Permit Writing-Lab lesson Review-previous chapters Tues 10/23/25 Tues Discuss Chapter 14-Maintenance and CYK 11 General Lab Read Chapter 16 10/28/25 Tues New HW 3-LOTO due 10/30/25 Discuss Chapter 16-Unit Shutdown and Thurs CYK 12 Discuss Chapter 10-Unit Commissioning Thurs Tues Discuss Chapter 10-Unit Startup New Cyk Complete your CYK Complete CYK Complete CYK Complete your CYK Complete CYK Discuss Chapter 10-Unit Startup | | - | Complete your CYK |
| Thurs Diagnosis and CYK HW 2- Procedure due (20 points) 10 Permit Writing-Lab lesson Review-previous chapters 10/21/25 Tues 10/23/25 Discuss Chapter 14-Maintenance and CYK 11 General Lab Read Chapter 16 10/28/25 Tues 10/30/25 Discuss Chapter 16-Unit Shutdown and Thurs CYK 12 Discuss Chapter 10-Unit Commissioning 11/04/25 Tues Discuss Chapter 10-Unit Startup Read Chapter 10 Complete CYK Complete your CYK Complete CYK Complete YK Tues Discuss Chapter 10-Unit Commissioning Third CYK Tues Discuss Chapter 11-Unit Startup | | , | |
| HW 2- Procedure due (20 points) 10 Permit Writing-Lab lesson Read Chapter 14 10/21/25 Review-previous chapters Complete your CYK 10/23/25 Discuss Chapter 14-Maintenance and CYK 11 General Lab Read Chapter 16 10/28/25 SIMS Example/Review Complete your CYK Tues HW 3-LOTO due 10/30/25 Discuss Chapter 16-Unit Shutdown and Read Chapter 10 Thurs CYK Complete CYK 12 Discuss Chapter 10-Unit Commissioning Read Chapter 11 11/04/25 and CYK Complete your CYK Tues Distillation / Boiling Points 11/06/25 Discuss Chapter 11-Unit Startup | | | |
| 10Permit Writing-Lab lessonRead Chapter 1410/21/25Review-previous chaptersComplete your CYK10/23/25Discuss Chapter 14-Maintenance and CYKRead Chapter 1610/28/25SIMS Example/ReviewComplete your CYKTuesHW 3-LOTO dueRead Chapter 1010/30/25Discuss Chapter 16-Unit Shutdown and ThursRead Chapter 1012Discuss Chapter 10-Unit Commissioning 11/04/25Read Chapter 1111/04/25and CYK Distillation / Boiling PointsComplete your CYK | Thurs | | |
| 10/21/25 Tues Complete your CYK 10/23/25 Discuss Chapter 14-Maintenance and CYK 11 General Lab Read Chapter 16 Complete your CYK Tues HW 3-LOTO due 10/30/25 Thurs CYK 12 Discuss Chapter 16-Unit Shutdown and Thurs CYK 12 Discuss Chapter 10-Unit Commissioning 11/04/25 and CYK Tues Distillation / Boiling Points 11/06/25 Discuss Chapter 11-Unit Startup | | | |
| Tues 10/23/25 Discuss Chapter 14-Maintenance and CYK 11 General Lab | | <u> </u> | • |
| 10/23/25 Thurs and CYK 11 General Lab Read Chapter 16 10/28/25 SIMS Example/Review Complete your CYK Tues HW 3-LOTO due 10/30/25 Discuss Chapter 16-Unit Shutdown and Read Chapter 10 Thurs CYK Complete CYK 12 Discuss Chapter 10-Unit Commissioning Read Chapter 11 11/04/25 and CYK Complete your CYK Tues Distillation / Boiling Points 11/06/25 Discuss Chapter 11-Unit Startup | | Review-previous chapters | Complete your CYK |
| Thurs and CYK 11 General Lab Read Chapter 16 10/28/25 SIMS Example/Review Tues HW 3-LOTO due 10/30/25 Discuss Chapter 16-Unit Shutdown and Read Chapter 10 Thurs CYK Complete CYK 12 Discuss Chapter 10-Unit Commissioning Read Chapter 11 11/04/25 and CYK Complete your CYK Tues Distillation / Boiling Points 11/06/25 Discuss Chapter 11-Unit Startup | Tues | | |
| Thurs and CYK 11 General Lab Read Chapter 16 10/28/25 SIMS Example/Review Tues HW 3-LOTO due 10/30/25 Discuss Chapter 16-Unit Shutdown and Read Chapter 10 Thurs CYK Complete CYK 12 Discuss Chapter 10-Unit Commissioning Read Chapter 11 11/04/25 and CYK Complete your CYK Tues Distillation / Boiling Points 11/06/25 Discuss Chapter 11-Unit Startup | 10/23/25 | Discuss Chapter 14-Maintenance | |
| 10/28/25 SIMS Example/Review Tues HW 3-LOTO due 10/30/25 Discuss Chapter 16-Unit Shutdown and Thurs CYK 12 Discuss Chapter 10-Unit Commissioning Read Chapter 11 11/04/25 and CYK Tues Distillation / Boiling Points 11/06/25 Discuss Chapter 11-Unit Startup | Thurs | | |
| 10/28/25 SIMS Example/Review Tues HW 3-LOTO due 10/30/25 Discuss Chapter 16-Unit Shutdown and Thurs CYK 12 Discuss Chapter 10-Unit Commissioning Read Chapter 11 11/04/25 and CYK Complete your CYK Tues Distillation / Boiling Points 11/06/25 Discuss Chapter 11-Unit Startup | 11 | General Lab | Read Chapter 16 |
| 10/30/25 Discuss Chapter 16-Unit Shutdown and Thurs CYK Complete CYK 12 Discuss Chapter 10-Unit Commissioning Read Chapter 11 11/04/25 and CYK Complete your CYK Tues Distillation / Boiling Points 11/06/25 Discuss Chapter 11-Unit Startup | 10/28/25 | SIMS Example/Review | - |
| Thurs CYK Complete CYK 12 Discuss Chapter 10-Unit Commissioning Read Chapter 11 11/04/25 and CYK Complete your CYK Tues Distillation / Boiling Points 11/06/25 Discuss Chapter 11-Unit Startup | Tues | HW 3-LOTO due | |
| Thurs CYK Complete CYK 12 Discuss Chapter 10-Unit Commissioning Read Chapter 11 11/04/25 and CYK Complete your CYK Tues Distillation / Boiling Points 11/06/25 Discuss Chapter 11-Unit Startup | 10/30/25 | Discuss Chapter 16-Unit Shutdown and | Read Chapter 10 |
| 12Discuss Chapter 10-Unit CommissioningRead Chapter 1111/04/25and CYKComplete your CYKTuesDistillation / Boiling Points11/06/25Discuss Chapter 11-Unit Startup | Thurs | СҮК | Complete CYK |
| 11/04/25 and CYK Complete your CYK Tues Distillation / Boiling Points 11/06/25 Discuss Chapter 11-Unit Startup | 12 | Discuss Chapter 10-Unit Commissioning | Read Chapter 11 |
| Tues Distillation / Boiling Points 11/06/25 Discuss Chapter 11-Unit Startup | 11/04/25 | , | · |
| 11/06/25 Discuss Chapter 11-Unit Startup | | Distillation / Boiling Points | , , |
| · | | | |
| maio and em | Thurs | and CYK | |

| 13 | Exam 3–Envision Simulator test (60 | Read Chapter 12 |
|----------|--------------------------------------|----------------------------------|
| 11/11/25 | points) | Complete your CYK |
| Tues | | |
| 11/13/25 | Discuss Chapter 12-Operations | Withdrawal Day November 14, 2025 |
| Thurs | and CYK | |
| 14 | Open-Lab 5 (Model 3 due) (20 points) | |
| 11/18/25 | | |
| Tues | | |
| 11/20/25 | Review/Questions | |
| Thurs | | |
| 15 | Review | |
| 11/25/25 | | |
| Tues | | |
| 11/27/25 | THANKSGIVING HOLIDAY | |
| Thurs | | |
| 16 | Exam 4-(120 points) | |
| 12/02/25 | | |
| Tues | | |
| 12/04/25 | Grades/Questions | |
| Thurs | | |

Institutional Policies and Guidelines

Grade Appeal Process: Concerns about the accuracy of grades should first be discussed with the instructor. A request for a change of grade is a formal request and must be made within six months of the grade assignment. Directions for filing an appeal can be found in the student handbook https://www.com.edu/student-services/student-handbook.html. An appeal will not be considered because of general dissatisfaction with a grade, penalty, or outcome of a course. Disagreement with the instructor's professional judgment of the quality of the student's work and performance is also not an admissible basis for a grade appeal.

Academic Success & Support Services: College of the Mainland is committed to providing students with the necessary support and tools for success in their college careers. Support is offered through our Tutoring Services, Library, Counseling, and through Student Services. Please discuss any concerns with your faculty or an advisor.

ADA Statement: Any student with a documented disability needing academic accommodation is requested to contact:

Kimberly Lachney, Student Accessibility Services Coordinator

Phone: 409-933-8919

Email: AccessibilityServices@com.edu

Location: COM Doyle Family Administration Building, Student Success Center

Textbook Purchasing Statement: A student attending College of the Mainland is not under any obligation to purchase a textbook from the college-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

Withdrawal Policy: Students may withdraw from this course for any reason prior to the last eligible day for a "W" grade. Before withdrawing students should speak with the instructor and consult an advisor. Students are permitted to withdraw only six times during their college career by state law. The last date to withdraw from the 1st 8-week session is October 1. The last date to withdraw from the 16-week session is November 14. The last date to withdraw for the 2nd 8-week session is November 25.

FN Grading: The FN grade is issued in cases of *failure due to a lack of attendance*, as determined by the instructor. The FN grade may be issued for cases in which the student ceases or fails to attend class, submit assignments, or participate in required capacities, and for which the student has failed to withdraw. The issuing of the FN grade is at the discretion of the instructor. The last date of attendance should be documented for submission of an FN grade.

Early Alert Program: The Student Success Center at College of the Mainland has implemented an Early Alert Program because student success and retention are very important to us. I have been asked to refer students to the program throughout the semester if they are having difficulty completing assignments or have poor attendance. If you are referred to the Early Alert Program you will be contacted by someone in the Student Success Center who will schedule a meeting with you to see what assistance they can offer in order for you to meet your academic goals.

Resources to Help with Stress:

If you are experiencing stress or anxiety about your daily living needs including food, housing or just feel you could benefit from free resources to help you through a difficult time, please click here https://www.com.edu/community-resource-center/. College of the Mainland has partnered with free community resources to help you stay on track with your schoolwork, by addressing life issues that get in the way of doing your best in school. All services are private and confidential. You may also contact the Dean of Students office at deanofstudents@com.edu or communityresources@com.edu.

Nondiscrimination Statement:

The College District prohibits discrimination, including harassment, against any individual on the basis of race, color, religion, national origin, age, veteran status, disability, sex, sexual orientation, gender (including gender identity and gender expression), or any other basis prohibited by law. Retaliation against anyone involved in the complaint process is a violation of College District policy.