

FET 3.1-7**Amatrol Trainers Round 1**

In this assignment, you will work on 7 engineering trainers. Each trainer has a set of modules (called modules or Learning Activity Packets in the books) that will guide you through the activities you will complete at each trainer. For this assignment, you will only complete module 1 at each trainer.

Process

- This assignment is broken up into 7 rotations which last 2 days each. At the beginning of each rotation, choose one of the trainers that you haven't worked on before. Write your name on the signup sheet. Groups of 1 to 4 students may work on a single trainer during a rotation.
- Open the Amatrol Interactive Multimedia Curriculum (AIM) from the desktop. Find your trainer, then select the appropriate module. This software will guide you through the trainer. There are parts you read, interactive parts, and instructions for working with the trainer, so make sure you follow the instructions and complete everything. You may also use the manuals if they're available, but only to supplement the software, not as a replacement for it.
- With your group, complete the required activities at the trainer. A sign posted at the trainer should list the modules required and the target skills you will need to demonstrate. Your group must demonstrate these skills to the teacher most times just at the end the module, but at times you may also need to demonstrate skills during the module after you complete certain tasks.
- After completing the module, update page 2 of this document. Then, each group member must individually complete the quiz for that module using the SkillAce software (instructions on how to use SkillAce will be provided later).
- After completion of all rotations, print ONLY page 2 and turn it in.

Additional Requirements

- Throughout the process, you must work with at least half of the students in the class (you will be given the specific number).
- You must participate at all times. Share the work on the trainers as much as possible. If you are not doing the actual task, you should be observing.
- Record your progress and who you work with at each trainer on page 2 of this document.
- Since we are using a rotation schedule, you MUST finish all work, skills demonstrations, and the quizzes for that trainer by the rotation end date, and you MUST move on to another trainer. You can make up any missed work, but it can only be done when it doesn't affect your current rotation schedule or anyone else's. If you finish your work before the end of a rotation, work on additional modules or HELP other students who may need assistance.

Evaluation and Grading

- You will receive a grade for each of the 7 rotations. These grades will be based on the skills demonstrations and quizzes you complete during each rotation.
- You will also receive an overall grade for the project. This will be based on observations of work effort, behavior, and participation, your work with the required number of people, and the progress information you record on page 2.

Rotation Schedule

- The current schedule is on page 2. These dates are based on 2 days per trainer, plus an extra day for the introduction. However, the schedule might change due to weather, school functions, etc. If this happens, you will be given new dates for the remaining rotations, and you will need to update the schedule on page 2.
- The schedule is very tight with no room for wasting time, goofing off, etc. You must stay focused and on-task in order to complete the work.

Grading Rubric - Rotation

Skills assessments	50
Quiz scores	50
Total	100

Grading Rubric - Overall

Work effort, behavior, and participation – 5 points will be deducted for each violation, redirection, etc.	45
Working with different people – each person is worth (50/#required) up to max of 50	50
Rotation Tracking Sheet up-to-date and turned in (page 2)	5
Total	100

Amatrol Trainer Rotation Tracking Sheet

Name: type your name here

Keep this sheet up-to-date as you work through the rotations. You will print this page and turn it in at the end.

Rotation Schedule

The following are the end-dates for each rotation. Update these as needed.

1	2	3	4	5	6	7
2/19	2/24	2/26	3/2	3/4	3/9	3/11

Rotation Tracker

Update this as you go through the rotations.

Trainer	Date Quiz Complete	Date All Skills Complete	Partner 1	Partner 2	Partner 3
Robotics					
Mech. Fabrication					
Mechanisms					
Measurements					
Machine Tools					
Print Reading					
CNC Mill**					

**On the CNC Mill, only complete segments 1, 2, and 3. We will do the rest later.