Course: **CDI-051B**   **Pro/ENGINEER (Pro/Sheetmetal)**   Instructor: Louis Gary Lamit
Call No. xxxx

Time: xcxxxxx   Room 313   E-mail: lgl@cad-resources.com
                                                                WEB Site   www.cad-resources.com

Text and Reference (On-Line):   Louis Gary Lamit, Pro/ENGINEER Wildfire
                                       Tutorial: Frotime Wildfire
                                       CADTRAIN: WIldfire

Overview: 8-hour lecture/laboratory.
                                       Principles and application of Sheetmetal design.

Standard Operating Procedures

Attendance: Attendance at all classes is expected. While the student's attendance record is not part of his/her grade, the workload is designed to make **full** use of the hours allocated for this class. That is to say, if a student doesn't put 8 hours of work per week on the subject matter, he/she cannot expect to finish the assigned work by the end of the quarter. Attendance will be noted once every session. It is the student's responsibility to insure that his/her presence at class is recorded. Students should be aware of appropriate drop dates (xxxxxxxx). **It is the student's complete responsibility to drop this class, as I will not drop anyone from the class.**

Homework: The reading in the text lesson prior to starting work on the model. Students should be able to complete all assigned lessons and projects during available lab time. Any other homework assigned will not require the use of the Pro/E workstations.

Project Check-Off Sheet: The student's grade for this course is based upon the submittal of a Project Check-Off Sheet, due during the first hour of the Final Test Period for this section. Final Test Period for this section will meet at Date and Time. **Students should not count on the network being operational during Finals Week.** I will accept early submittals of Project Check-Off Sheets. Each individual lesson/project will be graded according to the following:

    1. Accuracy of Model: Is model proportionally similar to that shown in text? Are dimensions accurate?
    2. Clarity of Print: No unnecessary datum planes, axes, or points shown. Hidden lines permitted.
    3. Completeness of Model: Are all necessary features shown on model? Any "extra" features?

Each assignment is to be checked in a Pro/E session brought up in the lab. After initial grading, I will either approve your model or give you a list of items in the model to correct. The form called the Project Check-Off Sheet will be used to record the student's progress throughout the quarter.

Work Schedule: There are 11 weeks scheduled for xxxxx Quarter (including Finals Week), and the standard class material covers 14 lessons, with an additional project(s) for each lesson. Students should expect to complete an average of one lesson every class session in order to keep pace with this schedule. This means that the student will have 10-12 sessions at the end of the quarter to complete the projects assigned with the lessons.

Basis for Grade: Lesson Parts   50%   A: 90% - 100%
                              Project Parts   50%   B: 80% - 90%
                                                             C: 70% - 80%
                                                             D: 60% - 70%
                                                             F: Less Than 60%

The student's score is calculated on the basis of his/her total raw score divided by the total number of possible points assigned. I am leaving some flexibility in the total number of projects assigned in order to allow for system down time and other contingencies.

Course: **CDI-052A**   **Pro/ENGINEER (Part Design)**   Instructor: Louis Gary Lamit
       Call No. xxxx

Time: xcxxxxx   Room 313   E-mail: lgl@cad-resources.com
                                                  WEB Site   www.cad-resources.com

Text and Reference (On-Line):   Louis Gary Lamit, Pro/ENGINEER Wildfire
                                       Tutorial: Frotime Wildfire
                                       CADTRAIN: WIldfire

Overview: 8-hour lecture/laboratory.
                Fundamentals of computer-aided design/drafting using Pro/ENGINEER software.
                Application of operating system, software, hardware, and peripherals in creating manufacturing
                The student will create and modify a number of 3-D part models using Pro/ENGINEER software.
                Database and file management as related to CAE/CAD/CAM applications will also be covered.

Standard Operating Procedures

Attendance: Attendance at all classes is expected. While the student's attendance record is not part of his/her grade, the workload is designed to make **full** use of the hours allocated for this class. That is to say, if a student doesn't put 8 hours of work per week on the subject matter, he/she cannot expect to finish the assigned work by the end of the quarter. Attendance will be noted once every session. It is the student's responsibility to insure that his/her presence at class is recorded. Students should be aware of appropriate drop dates (xxxx). **It is the student's complete responsibility to drop this class, as I will not drop anyone from the class.**

Homework: The reading in the text lesson prior to starting work on the model. Students should be able to complete all assigned lessons and projects during available lab time. Any other homework assigned will not require the use of the Pro/E workstations.

Project Check-Off Sheet: The student's grade for this course is based upon the submittal of a Project Check-Off Sheet, due during the first hour of the Final Test Period for this section. Final Test Period for this section will meet at Date and Time. **Students should not count on the network being operational during Finals Week.** I will accept early submittals of Project Check-Off Sheets. Each individual lesson/project will be graded according to the following:

      1. Accuracy of Model: Is model proportionally similar to that shown in text? Are dimensions accurate?
      2. Clarity of Print: No unnecessary datum planes, axes, or points shown. Hidden lines permitted.
      3. Completeness of Model: Are all necessary features shown on model? Any "extra" features?

Each assignment is to be checked in a Pro/E session brought up in the lab. After initial grading, I will either approve your model or give you a list of items in the model to correct. The form called the Project Check-Off Sheet will be used to record the student's progress throughout the quarter.

Work Schedule: There are 11 weeks scheduled for xxxx Quarter (including Finals Week), and the standard class material covers 14 lessons, with an additional project(s) for each lesson. Students should expect to complete an average of one lesson every class session in order to keep pace with this schedule. This means that the student will have 10-12 sessions at the end of the quarter to complete the projects assigned with the lessons.

Basis for Grade:

	Lesson Parts	50%	A: 90% - 100%	
	Project Parts	50%	B: 80% - 90%	
			C: 70% - 80%	
			D: 60% - 70%	
			F: Less Than 60%	

The student's score is calculated on the basis of his/her total raw score divided by the total number of possible points assigned. I am leaving some flexibility in the total number of projects assigned in order to allow for system down time and other contingencies.

Course: **CDI-052B**   **Pro/ENGINEER (Pro/Assembly and Pro/Detail)**   Instructor: Louis Gary Lamit
         Call No. xxxx

Time: xcxxxxx   Room 313   E-mail: lgl@cad-resources.com
                                                                      WEB Site   www.cad-resources.com

Text and Reference (On-Line):   Louis Gary Lamit, Pro/ENGINEER Wildfire
                                 Tutorial: Frotime Wildfire
                                 CADTRAIN: WIldfire

Overview: 8-hour lecture/laboratory.
            Assembly creation and drawing output using Pro/ENGINEER

Standard Operating Procedures

Attendance: Attendance at all classes is expected. While the student's attendance record is not part of his/her grade, the workload is designed to make **full** use of the hours allocated for this class. That is to say, if a student doesn't put 8 hours of work per week on the subject matter, he/she cannot expect to finish the assigned work by the end of the quarter. Attendance will be noted once every session. It is the student's responsibility to insure that his/her presence at class is recorded. Students should be aware of appropriate drop dates (xxxxxxxx). **It is the student's complete responsibility to drop this class, as I will not drop anyone from the class.**

Homework: The reading in the text lesson prior to starting work on the model. Students should be able to complete all assigned lessons and projects during available lab time. Any other homework assigned will not require the use of the Pro/E workstations.

Project Check-Off Sheet: The student's grade for this course is based upon the submittal of a Project Check-Off Sheet, due during the first hour of the Final Test Period for this section. Final Test Period for this section will meet at Date and Time. **Students should not count on the network being operational during Finals Week.** I will accept early submittals of Project Check-Off Sheets. Each individual lesson/project will be graded according to the following:

   1. Accuracy of Model: Is model proportionally similar to that shown in text? Are dimensions accurate?
   2. Clarity of Print: No unnecessary datum planes, axes, or points shown. Hidden lines permitted.
   3. Completeness of Model: Are all necessary features shown on model? Any "extra" features?

Each assignment is to be checked in a Pro/E session brought up in the lab. After initial grading, I will either approve your model or give you a list of items in the model to correct. The form called the Project Check-Off Sheet will be used to record the student's progress throughout the quarter.

Work Schedule: There are 11 weeks scheduled for xxxxx Quarter (including Finals Week), and the standard class material covers 14 lessons, with an additional project(s) for each lesson. Students should expect to complete an average of one lesson every class session in order to keep pace with this schedule. This means that the student will have 10-12 sessions at the end of the quarter to complete the projects assigned with the lessons.

Basis for Grade:	Lesson Parts	50%	A: 90% - 100%
	Project Parts	50%	B: 80% - 90%
			C: 70% - 80%
			D: 60% - 70%
			F: Less Than 60%

The student's score is calculated on the basis of his/her total raw score divided by the total number of possible points assigned. I am leaving some flexibility in the total number of projects assigned in order to allow for system down time and other contingencies.

Course: **CDI-052C**   **Pro/ENGINEER (Pro/NC and Pro/Manufacturing)**   Instructor:
Louis Gary Lamit
Call No. <mark>xxxx</mark>

Time: <mark>xcxxxxx</mark>   Room 313   E-mail: lgl@cad-resources.com
    WEB Site   www.cad-resources.com

Text and Reference (On-Line):   Louis Gary Lamit, Pro/ENGINEER Wildfire
    Tutorial: Frotime Wildfire
    CADTRAIN: WIldfire

Overview: 8-hour lecture/laboratory.
    Advanced CAD solid, modeling, fixture design, assemblies, and Pro/NC.

Standard Operating Procedures

Attendance: Attendance at all classes is expected. While the student's attendance record is not part of his/her grade, the workload is designed to make **full** use of the hours allocated for this class. That is to say, if a student doesn't put 8 hours of work per week on the subject matter, he/she cannot expect to finish the assigned work by the end of the quarter. Attendance will be noted once every session. It is the student's responsibility to insure that his/her presence at class is recorded. Students should be aware of appropriate drop dates (<mark>xxxxxxxx</mark>). **It is the student's complete responsibility to drop this class, as I will not drop anyone from the class.**

Homework: The reading in the text lesson prior to starting work on the model. Students should be able to complete all assigned lessons and projects during available lab time. Any other homework assigned will not require the use of the Pro/E workstations.

Project Check-Off Sheet: The student's grade for this course is based upon the submittal of a Project Check-Off Sheet, due during the first hour of the Final Test Period for this section. Final Test Period for this section will meet at <mark>Date and Time</mark>. **Students should not count on the network being operational during Finals Week.** I will accept early submittals of Project Check-Off Sheets. Each individual lesson/project will be graded according to the following:

1. Accuracy of Model: Is model proportionally similar to that shown in text? Are dimensions accurate?
2. Clarity of Print: No unnecessary datum planes, axes, or points shown. Hidden lines permitted.
3. Completeness of Model: Are all necessary features shown on model? Any "extra" features?

Each assignment is to be checked in a Pro/E session brought up in the lab. After initial grading, I will either approve your model or give you a list of items in the model to correct. The form called the Project Check-Off Sheet will be used to record the student's progress throughout the quarter.

Work Schedule: There are <mark>11</mark> weeks scheduled for <mark>xxxxx</mark> Quarter (including Finals Week), and the standard class material covers <mark>14</mark> lessons, with an additional project(s) for each lesson. Students should expect to complete an average of one lesson every class session in order to keep pace with this schedule. This means that the student will have <mark>10-12</mark> sessions at the end of the quarter to complete the projects assigned with the lessons.

Basis for Grade: Lesson Parts   50%   A: 90% - 100%
    Project Parts   50%   B: 80% - 90%
        C: 70% - 80%
        D: 60% - 70%
        F: Less Than 60%

The student's score is calculated on the basis of his/her total raw score divided by the total number of possible points assigned. I am leaving some flexibility in the total number of projects assigned in order to allow for system down time and other contingencies.

Course: **CDI-052D**   **Pro/ENGINEER (Pro/Surface)**   Instructor: Louis Gary Lamit
Call No. xxxx

Time: xcxxxxx   Room 313   E-mail: lgl@cad-resources.com
                                                             WEB Site   www.cad-resources.com

Text and Reference (On-Line):   Louis Gary Lamit, Pro/ENGINEER Wildfire
                                   Tutorial: Frotime Wildfire
                                   CADTRAIN: WIldfire

Overview: 8-hour lecture/laboratory.
            Surface Design Using Pro/Surface

Standard Operating Procedures

Attendance: Attendance at all classes is expected. While the student's attendance record is not part of his/her grade, the workload is designed to make **full** use of the hours allocated for this class. That is to say, if a student doesn't put 8 hours of work per week on the subject matter, he/she cannot expect to finish the assigned work by the end of the quarter. Attendance will be noted once every session. It is the student's responsibility to insure that his/her presence at class is recorded. Students should be aware of appropriate drop dates (xxxxxxxx). **It is the student's complete responsibility to drop this class, as I will not drop anyone from the class.**

Homework: The reading in the text lesson prior to starting work on the model. Students should be able to complete all assigned lessons and projects during available lab time. Any other homework assigned will not require the use of the Pro/E workstations.

Project Check-Off Sheet: The student's grade for this course is based upon the submittal of a Project Check-Off Sheet, due during the first hour of the Final Test Period for this section. Final Test Period for this section will meet at Date and Time. **Students should not count on the network being operational during Finals Week.** I will accept early submittals of Project Check-Off Sheets. Each individual lesson/project will be graded according to the following:

    1. Accuracy of Model: Is model proportionally similar to that shown in text? Are dimensions accurate?
    2. Clarity of Print: No unnecessary datum planes, axes, or points shown. Hidden lines permitted.
    3. Completeness of Model: Are all necessary features shown on model? Any "extra" features?

Each assignment is to be checked in a Pro/E session brought up in the lab. After initial grading, I will either approve your model or give you a list of items in the model to correct. The form called the Project Check-Off Sheet will be used to record the student's progress throughout the quarter.

Work Schedule: There are 11 weeks scheduled for xxxxx Quarter (including Finals Week), and the standard class material covers 14 lessons, with an additional project(s) for each lesson. Students should expect to complete an average of one lesson every class session in order to keep pace with this schedule. This means that the student will have 10-12 sessions at the end of the quarter to complete the projects assigned with the lessons.

Basis for Grade: Lesson Parts   50%   A: 90% - 100%
                             Project Parts   50%   B: 80% - 90%
                                                          C: 70% - 80%
                                                          D: 60% - 70%
                                                          F: Less Than 60%

The student's score is calculated on the basis of his/her total raw score divided by the total number of possible points assigned. I am leaving some flexibility in the total number of projects assigned in order to allow for system down time and other contingencies.

Course: **CDI-052H**   **Pro/ENGINEER Update**   Instructor: Louis Gary Lamit
Call No. xxxx

Time: xcxxxxx   Room 313   E-mail: lgl@cad-resources.com
                                                         WEB Site   www.cad-resources.com

Text and Reference (On-Line):   Louis Gary Lamit, Pro/ENGINEER Wildfire
                                     Tutorial: Frotime Wildfire
                                     CADTRAIN: WIldfire

Overview: 8-hour lecture/laboratory.
                 Principles and application changes in the Pro/ENGINEER software and system.
                 Designed to upgrade users to the latest version

Standard Operating Procedures

Attendance: Attendance at all classes is expected. While the student's attendance record is not part of his/her grade, the workload is designed to make **full** use of the hours allocated for this class. That is to say, if a student doesn't put 8 hours of work per week on the subject matter, he/she cannot expect to finish the assigned work by the end of the quarter. Attendance will be noted once every session. It is the student's responsibility to insure that his/her presence at class is recorded. Students should be aware of appropriate drop dates (xxxxxxxx). **It is the student's complete responsibility to drop this class, as I will not drop anyone from the class.**

Homework: The reading in the text lesson prior to starting work on the model. Students should be able to complete all assigned lessons and projects during available lab time. Any other homework assigned will not require the use of the Pro/E workstations.

Project Check-Off Sheet: The student's grade for this course is based upon the submittal of a Project Check-Off Sheet, due during the first hour of the Final Test Period for this section. Final Test Period for this section will meet at Date and Time. **Students should not count on the network being operational during Finals Week.** I will accept early submittals of Project Check-Off Sheets. Each individual lesson/project will be graded according to the following:

  1. Accuracy of Model: Is model proportionally similar to that shown in text? Are dimensions accurate?
  2. Clarity of Print: No unnecessary datum planes, axes, or points shown. Hidden lines permitted.
  3. Completeness of Model: Are all necessary features shown on model? Any "extra" features?

Each assignment is to be checked in a Pro/E session brought up in the lab. After initial grading, I will either approve your model or give you a list of items in the model to correct. The form called the Project Check-Off Sheet will be used to record the student's progress throughout the quarter.

Work Schedule: There are 11 weeks scheduled for xxxxx Quarter (including Finals Week), and the standard class material covers 14 lessons, with an additional project(s) for each lesson. Students should expect to complete an average of one lesson every class session in order to keep pace with this schedule. This means that the student will have 10-12 sessions at the end of the quarter to complete the projects assigned with the lessons.

Basis for Grade: Lesson Parts   50%   A: 90% - 100%
                             Project Parts   50%   B: 80% - 90%
                                                          C: 70% - 80%
                                                          D: 60% - 70%
                                                          F: Less Than 60%

The student's score is calculated on the basis of his/her total raw score divided by the total number of possible points assigned. I am leaving some flexibility in the total number of projects assigned in order to allow for system down time and other contingencies.