



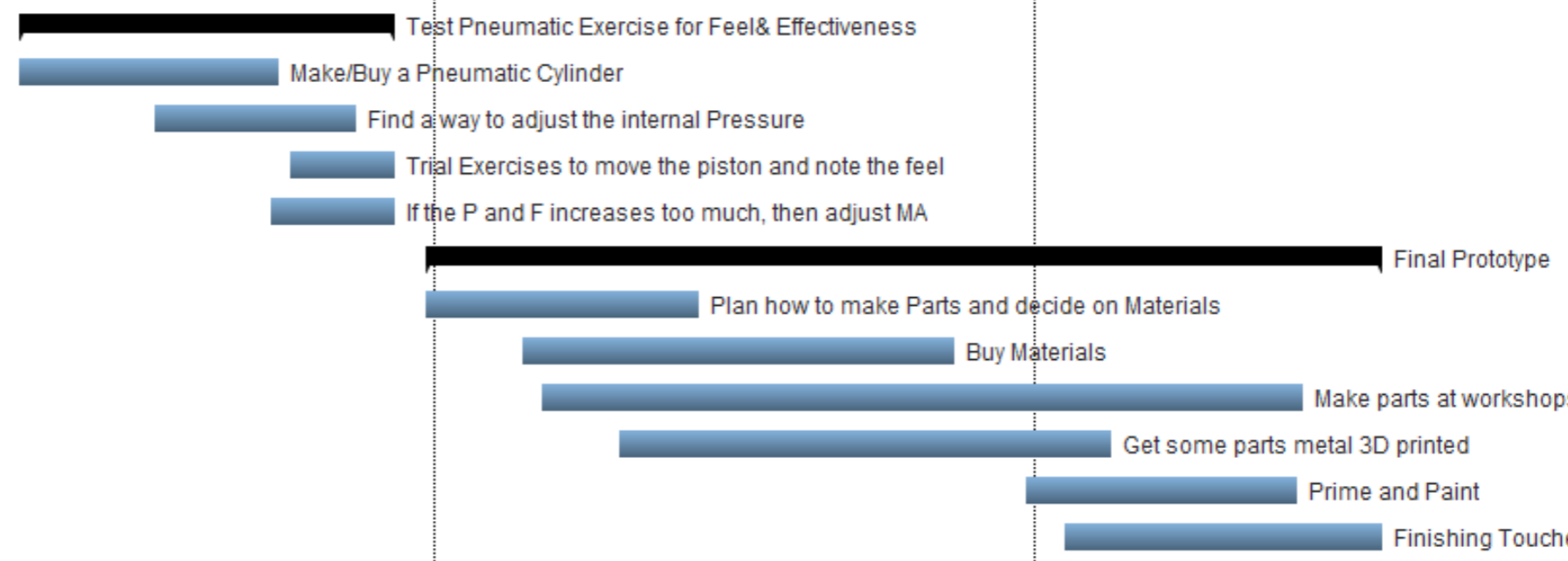
	Name	Duration	% Complete	Start	Finish	June 2016							July 2016													
						30	2	5	8	11	14	17	20	23	26	29	2	5	8	11	14	17	20	23	26	
1	☐ HIIT Exercise Machine - Product Development	203d?	68%	15/02/2016	23/11/2016																					
2	☑ Pro-Project 2016_Semester 1	85d	100%	15/02/2016	10/06/2016	Pro-Project 2016_Semester 1																				
220	☑ Pro-Project 2016_Winter Term (Semester Break)	42d	100%	02/06/2016	29/07/2016																					
223	☐ Pro-Project 2016_Semester 2	83d?	34%	01/08/2016	23/11/2016																					
224	☑ PROJECT MANAGEMENT_S2	41d	55%	01/08/2016	26/09/2016																					
236	☐ INDUSTRY SPONSORSHIP_S2	70d	3%	15/08/2016	18/11/2016																					
237	☐ Health&Fitness Industry Sponsors - Design	70d	6%	15/08/2016	18/11/2016																					
238	☐ Anytime Fitness: Tom Rodriguez	70d	18%	15/08/2016	18/11/2016																					
239	☐ Meeting/ Support /Feedback Communication	61d	40%	15/08/2016	07/11/2016																					
240	Meeting 1	1d	100%	15/08/2016	15/08/2016																					
241	Meeting 2	1d	100%	09/09/2016	09/09/2016																					
242	Meeting 3	1d	0%	05/10/2016	05/10/2016																					
243	Meeting 4	1d	0%	24/10/2016	24/10/2016																					
244	Meeting 5	1d	0%	07/11/2016	07/11/2016																					
245	Evaluation Report_ [5%]	6d	0%	11/11/2016	18/11/2016																					
246	☑ ACFB: Dee Britton	12d	0%	12/09/2016	27/09/2016																					
248	☑ KR Enterprises: Kimberley Rachael	12d	0%	23/09/2016	10/10/2016																					
250	☑ Technical Industry Sponsors - Engineering	27d	0%	29/08/2016	04/10/2016																					
256	☐ RESEARCH & DEVELOPMENT_S2	78d?	30%	03/08/2016	18/11/2016																					
257	☐ CALCULATIONS & INVESTIGATION	19d	91%	15/08/2016	08/09/2016																					
258	Calculations regarding Pneumatic Option	13d	85%	23/08/2016	08/09/2016																					
259	Research and Meetings regarding Electromagnetic option	19d	100%	15/08/2016	08/09/2016																					
260	Concept Freeze (Decision on System)	1d	0%	06/09/2016	06/09/2016																					
261	☐ SKETCHING / DRAWING	31d	64%	03/08/2016	14/09/2016																					
262	Semester 1/Break Concept Refinement	13d	100%	03/08/2016	19/08/2016																					
263	Mechanical Design (Pulley configuration)	18d	38%	22/08/2016	14/09/2016																					
264	☐ PROTOTYPES / POC MODELS	78d?	14%	03/08/2016	18/11/2016																					
265	Preliminary 1:1 Scale Model (Proportions, Footprint, Exercises)	5d	100%	03/08/2016	09/08/2016																					
266	Small Test Rig (Pulleys & Mechanical Advantage)	9d	100%	10/08/2016	22/08/2016																					
267	☐ 1:1 Scale Structural Prototype	22d	15%	30/08/2016	28/09/2016																					
268	☐ Test Stability and Proportions	20d	30%	31/08/2016	27/09/2016																					
269	Experiment with swing out Legs (vs Extendable Leg)	20d	30%	31/08/2016	27/09/2016																					
270	Trial Swing Out Supports/Braces	5d	30%	06/09/2016	12/09/2016																					
271	☐ Develop Pulley System/Mechanism	15d	30%	30/08/2016	19/09/2016																					
272	Test Sliding Unit	15d	30%	30/08/2016	19/09/2016																					
273	Test Moving Pulley near point of load	10d	30%	30/08/2016	12/09/2016																					
274	☐ Test 5 Main Exercises	5d	0%	14/09/2016	20/09/2016																					
275	Lat Pull Down	5d	0%	14/09/2016	20/09/2016																					
276	Bench Press	5d	0%	14/09/2016	20/09/2016																					
277	Overhead Press	5d	0%	14/09/2016	20/09/2016																					



278	Squat	5d	0%	14/09/2016	20/09/2016
279	Dead Lift	5d	0%	14/09/2016	20/09/2016
280	<b>☐ Test Pneumatic Exercise for Feel&amp; Effectiveness</b>	<b>14d</b>	<b>0%</b>	<b>09/09/2016</b>	<b>28/09/2016</b>
281	Make/Buy a Pneumatic Cylinder	10d	0%	09/09/2016	22/09/2016
282	Find a way to adjust the internal Pressure	7d	0%	16/09/2016	26/09/2016
283	Trial Exercises to move the piston and note the feel	4d	0%	23/09/2016	28/09/2016
284	If the P and F increases too much, then adjust MA	5d	0%	22/09/2016	28/09/2016
285	<b>☐ Final Prototype</b>	<b>36d?</b>	<b>0%</b>	<b>30/09/2016</b>	<b>18/11/2016</b>
286	Plan how to make Parts and decide on Materials	10.13d?	0%	30/09/2016	14/10/2016
287	Buy Materials	16.75d?	0%	05/10/2016	27/10/2016
288	Make parts at workshops	27.75d?	0%	06/10/2016	14/11/2016
289	Get some parts metal 3D printed	20d?	0%	10/10/2016	04/11/2016
290	Prime and Paint	10.13d?	0%	31/10/2016	14/11/2016
291	Finishing Touches	13d?	0%	02/11/2016	18/11/2016
292	<b>☐ CAD DEVELOPMENT</b>	<b>63d</b>	<b>44%</b>	<b>16/08/2016</b>	<b>10/11/2016</b>
293	<b>☐ Preliminary CAD Model for Pres #1</b>	<b>5d</b>	<b>100%</b>	<b>16/08/2016</b>	<b>22/08/2016</b>
294	CAD Model Main Parts	5d	100%	16/08/2016	22/08/2016
295	CAD Assembly of Preliminary Model	5d	100%	16/08/2016	22/08/2016
296	Preliminary Renders	5d	100%	16/08/2016	22/08/2016
297	<b>☐ Secondary CAD Model for Pres #2</b>	<b>16d</b>	<b>100%</b>	<b>16/09/2016</b>	<b>07/10/2016</b>
298	CAD Model Main Parts	10d	100%	16/09/2016	29/09/2016
299	CAD Assembly of Preliminary Model	8d	100%	21/09/2016	30/09/2016
300	SecondaryRenders	8d	100%	28/09/2016	07/10/2016
301	<b>☐ Final CAD Model</b>	<b>28d</b>	<b>0%</b>	<b>04/10/2016</b>	<b>10/11/2016</b>
302	Revise CAD Model Main Parts	10d	0%	04/10/2016	17/10/2016
303	Revise CAD Assembly of Model	8d	0%	10/10/2016	19/10/2016
304	FEA and Structural Analysis	6d	0%	14/10/2016	21/10/2016
305	Revise Design and Dimensions.	10d	0%	17/10/2016	28/10/2016
306	Final Renders	10d	0%	27/10/2016	09/11/2016
307	Engineering Drawings	9d	0%	31/10/2016	10/11/2016
308	<b>☐ DESIGN FOLIO - Collate &amp; Submit</b>	<b>18d</b>	<b>0%</b>	<b>24/10/2016</b>	<b>16/11/2016</b>
309	Import Edited Scans and Photos	6.5d	0%	24/10/2016	01/11/2016
310	Annotate key ideas on each page	6.5d	0%	01/11/2016	09/11/2016
311	Export folio document and optimise pdf	9d	0%	04/11/2016	16/11/2016
312	Import Design Folio - digitally via USB (submission)	1d	0%	15/11/2016	15/11/2016
313	<b>☐ ASSESSMENTS &amp; MILESTONES_S2</b>	<b>81d?</b>	<b>39%</b>	<b>03/08/2016</b>	<b>23/11/2016</b>
314	<b>☐ PRESENTATIONS_S2</b>	<b>64d</b>	<b>25%</b>	<b>09/08/2016</b>	<b>04/11/2016</b>
315	<b>☐ Presentation #1 - Final Concept Resolution</b>	<b>10d</b>	<b>100%</b>	<b>09/08/2016</b>	<b>22/08/2016</b>
320	<b>☐ Presentation #2 - Detailed Design Development</b>	<b>15d</b>	<b>0%</b>	<b>12/09/2016</b>	<b>30/09/2016</b>
321	Research Content for Presentation	9.75d	0%	12/09/2016	23/09/2016
322	Prepare Presentation Slides	5d	0%	22/09/2016	28/09/2016
323	Submit Presentation and Practice with timer	4d	0%	27/09/2016	30/09/2016

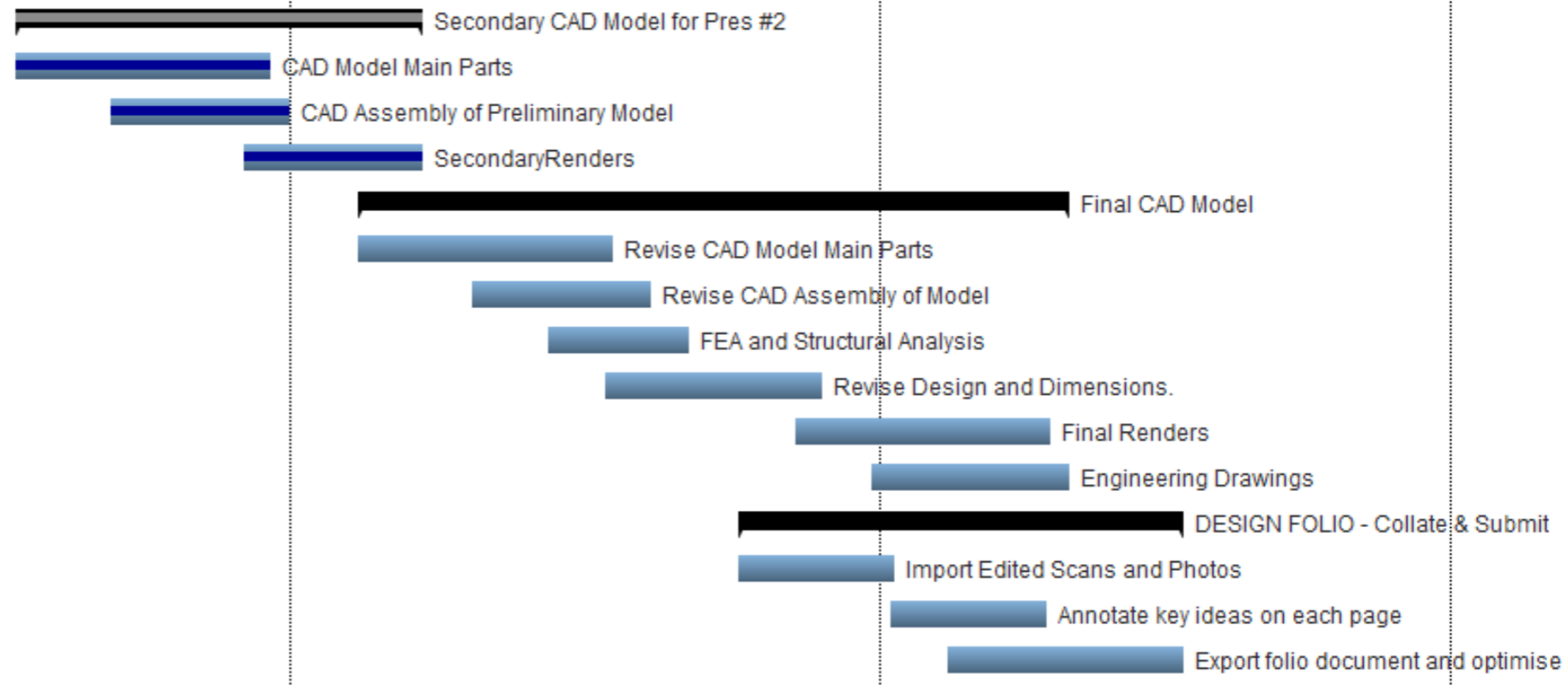


- Squat
- Dead Lift



10/11/2016 CAD DEVELOPMENT

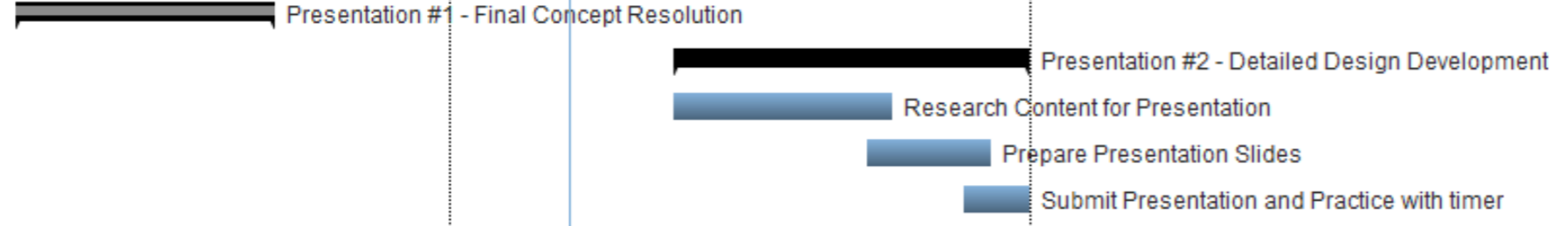
- Preliminary CAD Model for Pres #1
- CAD Model Main Parts
- CAD Assembly of Preliminary Model
- Preliminary Renders



15/11/2016 Import Design Folio - digitally via USB (submit)

ASSESSMENTS & MILESTONES\_S2

PRESENTATIONS\_S2



324	Present to class/panel as project milestone [15%]	1d	0%	29/09/2016	29/09/2016
325	<input type="checkbox"/> <b>Presentation #3 - FINAL Pro-Pro Presentation [10%]</b>	20d	0%	10/10/2016	04/11/2016
326	Research Content for Presentation	15d	0%	10/10/2016	28/10/2016
327	Prepare Presentation Slides	10d	0%	24/10/2016	04/11/2016
328	Submit Presentation and Practice with stop watch	5d	0%	31/10/2016	04/11/2016
329	Present to class/panel as project milestone_ [10%]	1d	0%	03/11/2016	03/11/2016
330	<input type="checkbox"/> <b>TECHNICAL REPORT_S2</b>	72d?	43%	03/08/2016	10/11/2016
331	<input type="checkbox"/> <b>Major Sections of Report</b>	68d?	43%	03/08/2016	04/11/2016
378	<input type="checkbox"/> <b>Technical Report Submissions &amp; Reviews</b>	57d	56%	03/08/2016	20/10/2016
381	<input type="checkbox"/> <b>Final Tech. Report_S2 [40%]</b>	10d?	38%	28/10/2016	10/11/2016
382	Compile Major Report Sections into MS Word Doc	8d	38%	28/10/2016	08/11/2016
383	Proof Read & Edit document	3d	100%	04/11/2016	08/11/2016
384	Save Final version as PDF	4d	0%	07/11/2016	10/11/2016
385	Submission of Bound (physical) and digital Report DUE!	1d?	0%	08/11/2016	08/11/2016
386	<input type="checkbox"/> <b>PDE Grad Ex - Pro Project Showcase</b>	10d?	0%	10/11/2016	23/11/2016
387	Get Final Tech. Report Printed and bound professionally	10d	0%	10/11/2016	23/11/2016
388	Set up and Prepare Booth	3d	0%	18/11/2016	22/11/2016
389	Install/Assemble Final Prototype	2d	0%	21/11/2016	22/11/2016
390	PDE Grad Ex Event	1d?	0%	23/11/2016	23/11/2016
391		1d?	0%	23/11/2016	23/11/2016
392		1d?	0%	23/11/2016	23/11/2016
393		1d?	0%	23/11/2016	23/11/2016

◆ 29/09/2016 Present to class/panel as project milestone [15%]

Presentation #3 - FINAL Pro-Pro Presentation [10%]

Research Content for Presentation

Prepare Presentation Slides

Submit Presentation and Practice with stop watch

◆ 03/11/2016 Present to class/panel as project milestone\_ [10%]

TECHNICAL REPORT\_S2

Major Sections of Report

Technical Report Submissions & Reviews

Final Tech. Report\_S2 [40%]

Compile Major Report Sections into MS Word Doc

Proof Read & Edit document

Save Final version as PDF

◆ 08/11/2016 Submission of Bound (physical) and digital Report DUE!

PDE Grad Ex - Pro Project Showcase

Get Final Tech. Report Printed and bound prof

Set up and Prepare Booth

Install/Assemble Final Prototype

◆ 23/11/2016 PDE Grad Ex Event

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