



FVTC Program:
106061 – Mechanical Design
Technology

**Credit Transfer
Pathway
Academic Year:
2011-2012**



Silver Lake College

SLC Program:
Bachelor of Science degree with
a major in Business Management

FVTC			Silver Lake College		
Course No.	Course Title	Credits	Course No.	Course Title	Credits
10-420-111	Metallurgy	2.00		Elective credit	2.00
10-420-145	Manufacturing Processes, Cold-Machining	2.00		Elective credit	2.00
10-457-103	Manufacturing Processes, Hot-Welding	2.00		Elective credit	2.00
10-606-102	CATIA V5 - Basic	2.00		Elective credit	2.00
10-606-111	Design Problems	4.00		Elective credit	4.00
10-606-113	Technical Drafting 1	5.00		Elective credit	5.00
10-606-115	Design of Tooling	4.00		Elective credit	4.00
10-606-117	Technical Drafting 2	4.00		Elective credit	4.00
10-606-119	Statics and Strength of Materials	3.00		Elective credit	3.00
10-606-121	Elements of Machine Design	3.00		Elective credit	3.00
10-606-123	Kinematics	4.00		Elective credit	4.00
10-606-127	Intermediate AutoCAD	1.00		Elective credit	1.00
10-806-144	College Physics 2	3.00	PHY 202	Physics II	3.00
Technical Studies		39.00			39.00
10-801-195	Written Communication	3.00	ENG 111	Composition I	3.00
10-801-196	Oral/Interpersonal Comm	3.00	ENG 102	Public Speaking & Communications	3.00
10-804-115	College Technical Math 1	5.00	X	College-level math	5.00
10-804-116	College Technical Math 2	4.00		Elective credit	4.00
10-809-195	Economics	3.00	ECN 201	Macroeconomics	3.00
10-809-197	Contemporary Amer Society	3.00	SOC 101	Introductory to Sociology	3.00
10-809-199	Psychology of Human Relations	3.00	PSY 101	Introduction to Psychology	3.00
General Studies		24.00			24.00
Suggested Electives					
10-419-101	Fluid Power - Mechanical Design	2.00		Elective credit	2.00
10-606-107	CATIA V5 - Advanced	2.00		Elective credit	2.00
10-606-109	Geometric Dimensioning and Tolerancing	2.00		Elective credit	2.00
10-606-124	Intro to Product Design & Rapid Prototyping	2.00		Elective credit	2.00
10-606-125	VIZ Fundamentals	2.00		Elective credit	2.00
10-606-128	Advanced AutoCAD	2.00		Elective credit	2.00
10-606-190	Mechanical Design Occupational Experience	2.00		Elective credit	2.00
Electives		6.00			6.00
Total credits needed to complete FVTC degree:		69.00	Total credits accepted:		69.00*
Additional SLC courses needed to complete SLC degree:					
Liberal Arts Course (24 credits)			Business Management Major (37 credits)		
LAS 101	Introduction to Liberal Art Studies	3	ACC 200	Financial Accounting	4
LAS 201	Civic Engagement & Social Justice	3	ACC 302	Managerial Accounting	3
LAS 401	Synthesis & Servant Leadership	3	BUS 203	Business Law I	3
ENG 112	Composition II	3	BUS 210	Human Resource Management	3
ENG 212	Literature & Art	3	BUS 301	Principles of Finance	3
RLS 276	Exploring World Religions	3	BUS 302	Marketing	3
HIS 205	Modern Historical Movements	3	BUS 309 or MTH 271	Business Statistics or Probability & Statistics	3
PHL 202	Ethics	3	BUS 310	Management & Org Behavior	3
Computer competency (test out/college-level course)			BUS 408	Integrated Operations Management	3
			BUS 475	Strategic Management	3
			ECN 202	Microeconomics	3
*Note: In addition to completing specific required courses, a minimum of 120 credits is required to complete an undergraduate degree. Transfer courses that do not meet specific course requirements may be accepted and applied as elective credits, if elective credits are needed.			MTH 206 or MTH 105	Applied Finite Math or Pre-calculus	3
			Disclaimer: Students planning to transfer should contact Silver Lake College for the most current transfer information.		
Total credits needed to complete SLC bachelor's degree with major in Business Management :					61.00