## A.A.S. IT – Database Prog and Admin - B.S. INFORMATION TECH AAS.IT.DB

Bergen Community College Course					<b>Kean University Equivalent Courses</b>			
First Semester								
Introduction to Business	BUS 101		3		Free Elective		FEX 100X	3
Intro to Information Technology	INF 101		3	IT Foundations			TECH 1010	3
Prog. Languages Fund. Elec.   INF145/152/153		3		Fundamentals of Comp. Sci.		CPS 1231	4	
Business Programming Logic   INF 150		3		CPS Elective		CPS 1003	3	
English Composition	WRT 101		3		English Composition		ENG 1030	3
Humanities/Social Science Elect.			3		Humanities/Soc Sci Elective		Various	3
Total			18			700 0		19
Second Semester			,					
Adv. Prog. Lang. Elective	INF 224/246/268		3		Computer Org. & Prog		CPS 2231	4
Microsoft Office	INF 114		3		Microcomputer Applications		CPS 1032	3
Web Development	INF 146		3		Web-Client Development		TECH 2925	3
English Composition II or Technical Writing II	WRT 201 or WRT 202		3		Research & Technology or Technical Writing		GE 2024 or ENG 3090	3
Humanities or Soc Sci Elective			3		Humanities or Soc Sci Elect		Various	3
Total			15					16
Third Semester								
Networking Tech & Data Comm	INF 160 3		Dat		a Communications TEC		CH 1500	4
Systems Analysis & Design	INF 208	3		Computer Systems		TECH 2920		3
Database for Applications	INF 217	3			tabase Concepts		CH 2740	3
Technical Communications	INF 253	3			ep of Tech. cuments	TEC	CH 2900	3
Mathematics Elective	MAT	3/4	Mat		h Elective Mat 1000		h 0/1054/2415	3/4
Total		15/1	6					16/1
Fourth Semester					7.27			
Database Programming	INF 218		3		Database Systems		CPS 3740	3
Database Administration	INF 219		3		IT Data Structures & Prog		CPS 2240	3
Applications Development	INF 239		3		Obj Oriented Ana. Design		CPS 3962	3
Restricted Elective			3		Tech Elective		TECH 1001	3
Natural Science Elective			4		Lab Science Elective		Various	4
Total			16					16
Total Semester Hours:	100	- (	64/6	65			67/	68