

National College of Business Administration & Economics

N C B A & E, 40-E1, Gulberg III, Lahore 54660, Pakistan

Phone: 04235752716 Email: info@ncbae.edu.pk

BS(CS) - Final Result Fall 2019

Roll Number	Subject Code	Subject Name	Credit Hrs	GPA	CGPA	Grade
2143107				4.00	2.41	
	CS104	Object Oriented Programming	3			A
	CS303	Software Engineering	3			A
2143220				3.66	3.83	
	CS408	Data Warehousing	3			B
	CS403	Final Year Project - I	3			B
	UE401	Introduction to Economics	3			A
	CS404	Parallel & Distributed Computing	3			A
	CE4703	Server Operating System	3			A
	CS307	Web Engineering	3			A
2151060				3.00	2.53	
	CS204	Design & Analysis of Algorithms	3			B
2151130				3.50	2.93	
	CS408	Data Warehousing	3			B
	CS406	Final Year Project - II	3			A
2152033				3.00	2.08	
	CS305	Computer Networks	3			A
	CSL305	Computer Networks Lab	1			C
	CS206	Database Systems	3			B
	CSL206	Database Systems Lab	1			A
	CS403	Final Year Project - I	3			B
	MT201	Linear Algebra	3			B
	SC201	Multi-variate Calculus	3			C
2152036				3.00	2.93	
	CSL202	Data Structures & Algorithms Lab	1			B
	CS406	Final Year Project - II	3			I
2152042				2.70	2.82	
	CS301	Compiler Construction	3			C
	CS202	Data Structures & Algorithms	3			C
	CSL202	Data Structures & Algorithms Lab	1			B
	CS406	Final Year Project - II	3			I
	CS307	Web Engineering	3			A
2153107				2.57	2.34	
	CS304	Artificial Intelligence	3			C
	CSL304	Artificial Intelligence Lab	1			A
	SC301	Differential Equations	3			D
	CSL103	Digital Logic Design Lab	1			C
	CS406	Final Year Project - II	3			I
	SC201	Multi-variate Calculus	3			B
	CE2301	System Analysis and Design	3			A
2153110				0.00	3.18	
	CS406	Final Year Project - II	3			I
2153122				4.00	3.32	
	CS406	Final Year Project - II	3			A
2153136				3.30	3.35	
	CS301	Compiler Construction	3			A

2153136	CS305	Computer Networks	3		B
	CSL305	Computer Networks Lab	1		A
	CS204	Design & Analysis of Algorithms	3		C
	CS406	Final Year Project - II	3		I
	CS303	Software Engineering	3		A
2153155				3.00	3.00
	CS406	Final Year Project - II	3		I
	CS303	Software Engineering	3		B
	CE2301	System Analysis and Design	3		B
2153162				0.00	3.05
	CS406	Final Year Project - II	3		I
2153175				3.75	3.04
	CS408	Data Warehousing	3		A
	CS406	Final Year Project - II	3		A
	UE201	Foreign Language	3		A
	UE401	Introduction to Economics	3		B
2153176				3.75	2.71
	CSL201	Comp Organization & Assembly Lang Lab	1		B
	CS406	Final Year Project - II	3		I
	LANG 204	Foreign Language - Chinese	3		A
2153183				2.60	3.22
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		C
	CS301	Compiler Construction	3		C
	CS406	Final Year Project - II	3		I
	CC3514	System Programming	3		B
2153184				3.75	2.77
	CSL201	Comp Organization & Assembly Lang Lab	1		B
	CS406	Final Year Project - II	3		I
	LANG 204	Foreign Language - Chinese	3		A
2153189				1.76	2.59
	CS304	Artificial Intelligence	3		B
	CSL304	Artificial Intelligence Lab	1		C
	CS408	Data Warehousing	3		C
	CS406	Final Year Project - II	3		I
	CS407	Information Security	3		F
	CS404	Parallel & Distributed Computing	3		C
2153192				3.50	2.84
	CS408	Data Warehousing	3		B
	CS406	Final Year Project - II	3		B
	UE201	Foreign Language	3		A
	UE401	Introduction to Economics	3		A
2153193				3.46	2.58
	CS301	Compiler Construction	3		A
	CS202	Data Structures & Algorithms	3		B
	CSL202	Data Structures & Algorithms Lab	1		B
	CS204	Design & Analysis of Algorithms	3		A
	CS406	Final Year Project - II	3		I
	CS307	Web Engineering	3		B
2153194				2.50	3.12
	CS406	Final Year Project - II	3		I
	LANG 204	Foreign Language - Chinese	3		C
	HU402	Professional Practices	3		B

2153207	CS406	Final Year Project - II		3.00	3.35	
			3			B
	LANG 204	Foreign Language - Chinese				A
			3			C
2153248				0.00	3.53	
	CS406	Final Year Project - II	3			I
2161101				3.30	3.30	
	CS304	Artificial Intelligence	3			B
	CSL304	Artificial Intelligence Lab	1			A
	CS406	Final Year Project - II	3			I
	LANG 204	Foreign Language - Chinese	3			B
	UE402	Human Resource Management	3			B
	SC302	Numerical Computing	3			A
2161102				2.90	3.42	
	CS304	Artificial Intelligence	3			B
	CSL304	Artificial Intelligence Lab	1			C
	CS406	Final Year Project - II	3			I
	LANG 204	Foreign Language - Chinese	3			B
	UE402	Human Resource Management	3			B
2161103				3.70	3.76	
	CS304	Artificial Intelligence	3			A
	CSL304	Artificial Intelligence Lab	1			A
	CS406	Final Year Project - II	3			I
	LANG 204	Foreign Language - Chinese	3			A
	UE402	Human Resource Management	3			B
2161105				2.84	2.47	
	CS304	Artificial Intelligence	3			B
	CSL304	Artificial Intelligence Lab	1			A
	CS406	Final Year Project - II	3			I
	LANG 204	Foreign Language - Chinese	3			C
	UE402	Human Resource Management	3			B
	SC302	Numerical Computing	3			B
2161108				3.30	3.27	
	CS304	Artificial Intelligence	3			A
	CSL304	Artificial Intelligence Lab	1			A
	CS406	Final Year Project - II	3			I
	LANG 204	Foreign Language - Chinese	3			B
	UE402	Human Resource Management	3			C
	SC302	Numerical Computing	3			A
2161109				3.40	3.08	
	CS304	Artificial Intelligence	3			A
	CSL304	Artificial Intelligence Lab	1			A
	CS406	Final Year Project - II	3			I
	LANG 204	Foreign Language - Chinese	3			A
	UE402	Human Resource Management	3			C
2161114				3.90	3.87	
	CS304	Artificial Intelligence	3			A
	CSL304	Artificial Intelligence Lab	1			B
	CS406	Final Year Project - II	3			I
	LANG 204	Foreign Language - Chinese	3			A
	UE402	Human Resource Management	3			A
2161118				3.14	2.69	
	CSL304	Artificial Intelligence Lab	1			C

2161118	CS305	Computer Networks	3		B
	CSL305	Computer Networks Lab	1		B
	CS406	Final Year Project - II	3		I
	LANG 204	Foreign Language - Chinese	3		A
	UE402	Human Resource Management	3		B
	SC302	Numerical Computing	3		B
2161143				3.45	3.63
	CS304	Artificial Intelligence	3		B
	CSL304	Artificial Intelligence Lab	1		B
	CS305	Computer Networks	3		A
	CSL305	Computer Networks Lab	1		C
	SC302	Numerical Computing	3		A
2161147				2.70	2.55
	CS304	Artificial Intelligence	3		B
	CSL304	Artificial Intelligence Lab	1		B
	CS406	Final Year Project - II	3		I
	LANG 204	Foreign Language - Chinese	3		C
	UE402	Human Resource Management	3		B
2162069				3.83	3.78
	CS408	Data Warehousing	3		A
	CS403	Final Year Project - I	3		A
	CS407	Information Security	3		B
	CE4726	Mobile Computing	3		A
	CE4703	Server Operating System	3		A
2163008				2.80	2.86
	CE4723	Cloud Computing	3		B
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		C
	CSL103	Digital Logic Design Lab	1		B
	CS403	Final Year Project - I	3		I
	SC302	Numerical Computing	3		D
	CSL302	Operating Systems Lab	1		A
2163012				2.77	3.12
	CS304	Artificial Intelligence	3		A
	CSL304	Artificial Intelligence Lab	1		B
	CE4723	Cloud Computing	3		B
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		B
	CS301	Compiler Construction	3		D
	CSL305	Computer Networks Lab	1		C
2163016				3.33	3.73
	CS301	Compiler Construction	3		C
	CS408	Data Warehousing	3		B
	CS403	Final Year Project - I	3		B
	UE101	Financial Accounting	3		A
	CS307	Web Engineering	3		A
2163036				3.81	3.65
	CS305	Computer Networks	3		B
	CSL305	Computer Networks Lab	1		A
	CS403	Final Year Project - I	3		A

2163036	CS407	Information Security	3		A
	CE4726	Mobile Computing	3		A
	CS404	Parallel & Distributed Computing	3		A
2163039				3.83	3.32
	CS408	Data Warehousing	3		A
	CS403	Final Year Project - I	3		B
	UE401	Introduction to Economics	3		A
	CS404	Parallel & Distributed Computing	3		A
	CE4703	Server Operating System	3		A
	CS307	Web Engineering	3		A
2163041				3.33	3.65
	CE4723	Cloud Computing	3		A
	CS408	Data Warehousing	3		A
	CS403	Final Year Project - I	3		B
	CS407	Information Security	3		C
	CS404	Parallel & Distributed Computing	3		B
2163044	CS307	Web Engineering	3		A
				2.23	2.39
	CE4723	Cloud Computing	3		B
	CS305	Computer Networks	3		C
	CSL305	Computer Networks Lab	1		C
	CS403	Final Year Project - I	3		I
2163046	UE401	Introduction to Economics	3		B
	CS404	Parallel & Distributed Computing	3		D
				2.80	3.13
	CS301	Compiler Construction	3		D
	CS407	Information Security	3		B
2163056	UE401	Introduction to Economics	3		A
	CS404	Parallel & Distributed Computing	3		B
	HU402	Professional Practices	3		B
				3.69	3.01
	CE4723	Cloud Computing	3		A
	CS301	Compiler Construction	3		A
2163063	CS305	Computer Networks	3		A
	CSL305	Computer Networks Lab	1		B
	CS403	Final Year Project - I	3		I
	CS404	Parallel & Distributed Computing	3		B
				3.40	3.58
	CS301	Compiler Construction	3		C
2163064	CS407	Information Security	3		A
	UE401	Introduction to Economics	3		A
	CS404	Parallel & Distributed Computing	3		B
	HU402	Professional Practices	3		A
				3.14	3.10
	CS304	Artificial Intelligence	3		B
2163067	CSL304	Artificial Intelligence Lab	1		B
	CE4723	Cloud Computing	3		A
	CS301	Compiler Construction	3		C
	CS305	Computer Networks	3		A
	CSL305	Computer Networks Lab	1		C
				2.35	2.46
2163067	CS201	Comp Organization & Assembly Lang	3		C
	CSL201	Comp Organization & Assembly Lang Lab	1		D
	CSL202	Data Structures & Algorithms Lab	1		B

2163067	SC302	Numerical Computing	3			C
	CS404	Parallel & Distributed Computing	3			C
	CE4703	Server Operating System	3			B
	CS307	Web Engineering	3			B
2163068				1.00	2.10	
	CE4723	Cloud Computing	3			F
	CS408	Data Warehousing	3			C
	SC302	Numerical Computing	3			D
	CS404	Parallel & Distributed Computing	3			D
2163070				2.83	2.94	
	CS304	Artificial Intelligence	3			B
	CSL304	Artificial Intelligence Lab	1			B
	CE4723	Cloud Computing	3			B
	CS301	Compiler Construction	3			C
	CS305	Computer Networks	3			B
	CSL305	Computer Networks Lab	1			C
	CS302	Operating System	3			B
	CSL302	Operating Systems Lab	1			A
2163074				3.00	2.39	
	CS304	Artificial Intelligence	3			B
	CSL304	Artificial Intelligence Lab	1			B
	HU102	Communication & Presentation Skills	3			A
	CS406	Final Year Project - II	3			I
	LANG 204	Foreign Language - Chinese	3			C
	SC302	Numerical Computing	3			B
2163075				2.00	2.35	
	CS301	Compiler Construction	3			D
	LANG 204	Foreign Language - Chinese	3			C
	CS407	Information Security	3			C
	UE401	Introduction to Economics	3			B
	CS404	Parallel & Distributed Computing	3			C
2163078				3.16	3.20	
	CS304	Artificial Intelligence	3			A
	CSL304	Artificial Intelligence Lab	1			A
	CE4723	Cloud Computing	3			B
	CS201	Comp Organization & Assembly Lang	3			A
	CSL201	Comp Organization & Assembly Lang Lab	1			B
	CS301	Compiler Construction	3			D
	CS305	Computer Networks	3			A
	CSL305	Computer Networks Lab	1			C
2163081				3.64	3.37	
	CS304	Artificial Intelligence	3			A
	CSL304	Artificial Intelligence Lab	1			A
	CE4723	Cloud Computing	3			A
	CS301	Compiler Construction	3			B
	CS305	Computer Networks	3			B
	CSL305	Computer Networks Lab	1			A
	CS403	Final Year Project - I	3			A
2163090				3.25	3.54	
	CS304	Artificial Intelligence	3			B
	CSL304	Artificial Intelligence Lab	1			A
	CS301	Compiler Construction	3			B
	SC301	Differential Equations	3			A
	CE4703	Server Operating System	3			B
	CS303	Software Engineering	3			B

2171104	CS301	Compiler Construction	3	3.40	3.11	A
	SC301	Differential Equations	3			C
	CE4726	Mobile Computing	3			A
	SC302	Numerical Computing	3			B
	HU402	Professional Practices	3			A
2171105				3.83	3.88	
	SC301	Differential Equations	3			A
	LANG 204	Foreign Language - Chinese	3			A
	CE4726	Mobile Computing	3			A
	SC302	Numerical Computing	3			A
	HU402	Professional Practices	3			B
	CS205	Theory of Automata	3			A
2171120				2.05	2.58	
	CS304	Artificial Intelligence	3			C
	CSL304	Artificial Intelligence Lab	1			B
	CS301	Compiler Construction	3			D
	CS305	Computer Networks	3			C
	CSL305	Computer Networks Lab	1			C
	CE4726	Mobile Computing	3			B
	HU402	Professional Practices	3			C
2171127				3.00	3.32	
	CS304	Artificial Intelligence	3			B
	CSL304	Artificial Intelligence Lab	1			B
	CS305	Computer Networks	3			B
	CSL305	Computer Networks Lab	1			B
	CE4726	Mobile Computing	3			A
	CS404	Parallel & Distributed Computing	3			C
	CE4703	Server Operating System	3			B
2172002				1.80	2.02	
	CE4723	Cloud Computing	3			C
	CS201	Comp Organization & Assembly Lang	3			D
	CSL201	Comp Organization & Assembly Lang Lab	1			B
	SC201	Multi-variate Calculus	3			C
2172038				3.64	3.55	
	CS304	Artificial Intelligence	3			A
	CSL304	Artificial Intelligence Lab	1			A
	CS301	Compiler Construction	3			A
	SC301	Differential Equations	3			B
	CSL103	Digital Logic Design Lab	1			A
	SC302	Numerical Computing	3			B
	CS404	Parallel & Distributed Computing	3			A
2172068				2.23	2.98	
	CS301	Compiler Construction	3			F
	CS204	Design & Analysis of Algorithms	3			F
	SC302	Numerical Computing	3			B
	HU401	Pakistan Studies	2			A
	CS303	Software Engineering	3			B
	HU301	Technical & Business Writing	3			A
2172084				2.83	2.45	
	CS304	Artificial Intelligence	3			B
	CSL304	Artificial Intelligence Lab	1			A
	CS301	Compiler Construction	3			B
	SC301	Differential Equations	3			C

2172084	CSL103	Digital Logic Design Lab	1		B
	SC302	Numerical Computing	3		C
	CS302	Operating System	3		A
	CSL302	Operating Systems Lab	1		C
2172085				2.94	2.56
	CS305	Computer Networks	3		B
	CSL305	Computer Networks Lab	1		A
	CS202	Data Structures & Algorithms	3		B
	CSL202	Data Structures & Algorithms Lab	1		A
	SC301	Differential Equations	3		C
	CS303	Software Engineering	3		B
	CC3514	System Programming	3		B
2172095				3.18	2.89
	CE4723	Cloud Computing	3		A
	CS301	Compiler Construction	3		B
	CS206	Database Systems	3		B
	CSL206	Database Systems Lab	1		B
	SC301	Differential Equations	3		B
	SC302	Numerical Computing	3		B
2172110				2.52	2.89
	CS201	Comp Organization & Assembly Lang	3		A
	CSL201	Comp Organization & Assembly Lang Lab	1		B
	CS204	Design & Analysis of Algorithms	3		B
	SC301	Differential Equations	3		F
	UE201	Foreign Language	3		C
	CS302	Operating System	3		B
	CSL302	Operating Systems Lab	1		A
2172113				3.33	3.44
	CS304	Artificial Intelligence	3		A
	CSL304	Artificial Intelligence Lab	1		A
	CS301	Compiler Construction	3		C
	SC301	Differential Equations	3		B
	SC302	Numerical Computing	3		B
	HU401	Pakistan Studies	2		A
	CS303	Software Engineering	3		A
2172128				3.28	3.30
	CS201	Comp Organization & Assembly Lang	3		A
	CSL201	Comp Organization & Assembly Lang Lab	1		B
	CS202	Data Structures & Algorithms	3		B
	CSL202	Data Structures & Algorithms Lab	1		A
	SC301	Differential Equations	3		C
	CS307	Web Engineering	3		A
2173040				2.62	2.85
	CE4723	Cloud Computing	3		B
	CS301	Compiler Construction	3		C
	CS206	Database Systems	3		C
	CSL206	Database Systems Lab	1		B
	SC301	Differential Equations	3		B
	SC302	Numerical Computing	3		B
2173052				3.23	3.24
	CS304	Artificial Intelligence	3		B
	CSL304	Artificial Intelligence Lab	1		B
	CS301	Compiler Construction	3		B
	CS206	Database Systems	3		B
	CSL206	Database Systems Lab	1		A

2173052	SC302	Numerical Computing	3		A
	CC3514	System Programming	3		B
2173055				2.15	1.88
	CS202	Data Structures & Algorithms	3		C
	CSL202	Data Structures & Algorithms Lab	1		A
	SC301	Differential Equations	3		D
	CS205	Theory of Automata	3		D
	CS307	Web Engineering	3		A
2173061				3.23	3.34
	CS304	Artificial Intelligence	3		B
	CSL304	Artificial Intelligence Lab	1		B
	CS301	Compiler Construction	3		A
	SC301	Differential Equations	3		C
	SC302	Numerical Computing	3		A
	CS302	Operating System	3		A
	CSL302	Operating Systems Lab	1		D
2173065				2.94	3.12
	CS304	Artificial Intelligence	3		B
	CSL304	Artificial Intelligence Lab	1		A
	CS301	Compiler Construction	3		C
	CS206	Database Systems	3		B
	CSL206	Database Systems Lab	1		A
	SC302	Numerical Computing	3		C
	CC3514	System Programming	3		A
2173077				3.05	2.58
	CSL304	Artificial Intelligence Lab	1		B
	CS202	Data Structures & Algorithms	3		B
	CSL202	Data Structures & Algorithms Lab	1		B
	CS206	Database Systems	3		B
	CSL206	Database Systems Lab	1		A
	SC301	Differential Equations	3		B
	UE402	Human Resource Management	3		B
	CS205	Theory of Automata	3		B
2173089				3.82	3.54
	CS301	Compiler Construction	3		A
	CS305	Computer Networks	3		B
	CSL305	Computer Networks Lab	1		A
	SC301	Differential Equations	3		A
	CS302	Operating System	3		A
	CSL302	Operating Systems Lab	1		A
	CE2301	System Analysis and Design	3		A
2173174				2.16	2.63
	CS301	Compiler Construction	3		F
	CS204	Design & Analysis of Algorithms	3		D
	SC302	Numerical Computing	3		A
	CS302	Operating System	3		C
	CSL302	Operating Systems Lab	1		A
	HU401	Pakistan Studies	2		A
	CS303	Software Engineering	3		C
2173177				2.88	2.74
	CS301	Compiler Construction	3		C
	CS305	Computer Networks	3		B
	CSL305	Computer Networks Lab	1		A
	SC301	Differential Equations	3		C

2173177	CS302	Operating System	3		B
	CSL302	Operating Systems Lab	1		B
	CE2301	System Analysis and Design	3		A
2173181				2.25	2.18
	CS301	Compiler Construction	3		B
	CS204	Design & Analysis of Algorithms	3		B
	SC301	Differential Equations	3		D
	CS302	Operating System	3		B
	CSL302	Operating Systems Lab	1		B
	CS205	Theory of Automata	3		D
2173183				3.35	3.19
	CS304	Artificial Intelligence	3		B
	CSL304	Artificial Intelligence Lab	1		A
	CS305	Computer Networks	3		A
	CSL305	Computer Networks Lab	1		C
	SC301	Differential Equations	3		B
	SC302	Numerical Computing	3		B
	CS404	Parallel & Distributed Computing	3		A
2173190				2.11	2.84
	CS201	Comp Organization & Assembly Lang	3		C
	CSL201	Comp Organization & Assembly Lang Lab	1		C
	CS204	Design & Analysis of Algorithms	3		D
	SC301	Differential Equations	3		C
	LANG 204	Foreign Language - Chinese	3		B
	CS302	Operating System	3		C
	CSL302	Operating Systems Lab	1		A
2173198				3.22	2.57
	CSL304	Artificial Intelligence Lab	1		C
	CS202	Data Structures & Algorithms	3		B
	CSL202	Data Structures & Algorithms Lab	1		A
	CS206	Database Systems	3		A
	CSL206	Database Systems Lab	1		A
	SC301	Differential Equations	3		C
	UE402	Human Resource Management	3		A
	CS205	Theory of Automata	3		B
2173204				3.00	1.04
	CSL103	Digital Logic Design Lab	1		B
2173211				2.41	2.42
	CS202	Data Structures & Algorithms	3		B
	CSL202	Data Structures & Algorithms Lab	1		A
	MT201	Linear Algebra	3		D
	SC302	Numerical Computing	3		D
	CS302	Operating System	3		A
	CSL302	Operating Systems Lab	1		A
	CS205	Theory of Automata	3		C
2173242				2.82	2.90
	CS304	Artificial Intelligence	3		B
	CSL304	Artificial Intelligence Lab	1		A
	SC301	Differential Equations	3		C
	SC302	Numerical Computing	3		B
	CS302	Operating System	3		A
	CSL302	Operating Systems Lab	1		C
	CS404	Parallel & Distributed Computing	3		C

2173245	CS201	Comp Organization & Assembly Lang		3.76	3.59	
			3			B
	CSL201	Comp Organization & Assembly Lang Lab	1			B
	CS202	Data Structures & Algorithms	3			A
	CSL202	Data Structures & Algorithms Lab	1			A
	CS203	Discrete Structures	3			A
	UE101	Financial Accounting	3			A
	MT102	Probability & Statistics	3			A
2173264				2.77	2.69	
	CS202	Data Structures & Algorithms	3			C
	CSL202	Data Structures & Algorithms Lab	1			A
	CS206	Database Systems	3			B
	CSL206	Database Systems Lab	1			A
	SC301	Differential Equations	3			D
	CS302	Operating System	3			A
	CSL302	Operating Systems Lab	1			B
CS404	Parallel & Distributed Computing	3			B	
2173265				2.40	2.06	
	CSL201	Comp Organization & Assembly Lang Lab	1			D
	CS305	Computer Networks	3			C
	CSL305	Computer Networks Lab	1			C
	CS202	Data Structures & Algorithms	3			A
	CSL202	Data Structures & Algorithms Lab	1			B
	UE201	Foreign Language	3			C
MT201	Linear Algebra	3			C	
2173270				3.16	3.19	
	CSL304	Artificial Intelligence Lab	1			A
	CS301	Compiler Construction	3			B
	CS305	Computer Networks	3			B
	CSL305	Computer Networks Lab	1			A
	SC301	Differential Equations	3			C
	CE4726	Mobile Computing	3			A
	CS302	Operating System	3			B
CSL302	Operating Systems Lab	1			A	
2181003				3.23	3.52	
	CS304	Artificial Intelligence	3			B
	CSL304	Artificial Intelligence Lab	1			B
	CS202	Data Structures & Algorithms	3			B
	CSL202	Data Structures & Algorithms Lab	1			A
	UE201	Foreign Language	3			A
	MT201	Linear Algebra	3			B
SC302	Numerical Computing	3			B	
2181007				3.23	2.96	
	CS201	Comp Organization & Assembly Lang	3			B
	CSL201	Comp Organization & Assembly Lang Lab	1			B
	CS204	Design & Analysis of Algorithms	3			B
	MT201	Linear Algebra	3			B
CS205	Theory of Automata	3			A	
2181039				2.84	3.05	
	CS201	Comp Organization & Assembly Lang	3			B
	CSL201	Comp Organization & Assembly Lang Lab	1			D
	CS202	Data Structures & Algorithms	3			B
	MT201	Linear Algebra	3			C
CS205	Theory of Automata	3			A	

2181040	CS206	Database Systems		2.41	3.00	
			3			B
	CSL206	Database Systems Lab	1			B
	CS204	Design & Analysis of Algorithms	3			C
	MT201	Linear Algebra	3			C
	CS302	Operating System	3			B
	CSL302	Operating Systems Lab	1			C
	STAT 111	Probability & Statistics	3			C
2181042				3.69	3.52	
	CS304	Artificial Intelligence	3			A
	CSL304	Artificial Intelligence Lab	1			B
	CS204	Design & Analysis of Algorithms	3			A
	UE201	Foreign Language	3			A
	MT201	Linear Algebra	3			B
2181043				3.35	2.95	
	CS202	Data Structures & Algorithms	3			B
	CSL202	Data Structures & Algorithms Lab	1			B
	CS206	Database Systems	3			B
	CSL206	Database Systems Lab	1			B
	MT201	Linear Algebra	3			B
	MT102	Probability & Statistics	3			A
	CS205	Theory of Automata	3			A
2181044				3.83	3.85	
	CS204	Design & Analysis of Algorithms	3			A
	CS203	Discrete Structures	3			B
	HU101	English Composition & Comprehension	3			A
	MT201	Linear Algebra	3			A
	HU301	Technical & Business Writing	3			A
	CS205	Theory of Automata	3			A
2181046				3.30	3.31	
	CS202	Data Structures & Algorithms	3			A
	CSL202	Data Structures & Algorithms Lab	1			A
	UE201	Foreign Language	3			A
	MT201	Linear Algebra	3			C
	SC302	Numerical Computing	3			B
2181047				3.07	3.21	
	CS202	Data Structures & Algorithms	3			B
	CSL202	Data Structures & Algorithms Lab	1			A
	UE201	Foreign Language	3			A
	MT201	Linear Algebra	3			C
	SC302	Numerical Computing	3			B
2181048				3.11	3.12	
	CS201	Comp Organization & Assembly Lang	3			B
	CSL201	Comp Organization & Assembly Lang Lab	1			A
	CS202	Data Structures & Algorithms	3			B
	CSL202	Data Structures & Algorithms Lab	1			A
	MT201	Linear Algebra	3			C
	MT102	Probability & Statistics	3			A
	CS205	Theory of Automata	3			B
2181049				3.81	3.55	
	CS206	Database Systems	3			B
	CSL206	Database Systems Lab	1			A
	CS204	Design & Analysis of Algorithms	3			A
	MT201	Linear Algebra	3			A

2181049	STAT 111	Probability & Statistics	3		A
	CS205	Theory of Automata	3		A
2181051				3.23	2.68
	CS201	Comp Organization & Assembly Lang	3		C
	CSL201	Comp Organization & Assembly Lang Lab	1		B
	CS202	Data Structures & Algorithms	3		B
	CSL202	Data Structures & Algorithms Lab	1		A
	UE101	Financial Accounting	3		A
	MT201	Linear Algebra	3		B
	MT102	Probability & Statistics	3		A
2181054				3.47	3.48
	CS206	Database Systems	3		A
	CSL206	Database Systems Lab	1		A
	CS204	Design & Analysis of Algorithms	3		A
	MT201	Linear Algebra	3		B
	CS302	Operating System	3		A
	CSL302	Operating Systems Lab	1		A
STAT 111	Probability & Statistics	3		C	
2181056				2.76	2.68
	CS201	Comp Organization & Assembly Lang	3		C
	CSL201	Comp Organization & Assembly Lang Lab	1		C
	CS202	Data Structures & Algorithms	3		A
	CSL202	Data Structures & Algorithms Lab	1		B
	UE101	Financial Accounting	3		A
	MT201	Linear Algebra	3		C
CS205	Theory of Automata	3		C	
2181057				3.43	2.93
	CS201	Comp Organization & Assembly Lang	3		A
	CSL201	Comp Organization & Assembly Lang Lab	1		D
	CS204	Design & Analysis of Algorithms	3		B
	MT201	Linear Algebra	3		A
	MT102	Probability & Statistics	3		A
	CS205	Theory of Automata	3		B
2181058				2.60	2.74
	CE4723	Cloud Computing	3		B
	CS408	Data Warehousing	3		B
	CS403	Final Year Project - I	3		I
	UE201	Foreign Language	3		C
	CS404	Parallel & Distributed Computing	3		C
HU301	Technical & Business Writing	3		B	
2181061				3.29	2.85
	CS201	Comp Organization & Assembly Lang	3		A
	CSL201	Comp Organization & Assembly Lang Lab	1		C
	CS202	Data Structures & Algorithms	3		B
	CSL202	Data Structures & Algorithms Lab	1		B
	UE101	Financial Accounting	3		A
	MT201	Linear Algebra	3		B
STAT 111	Probability & Statistics	3		B	
2181062				3.07	2.88
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		A
	CS206	Database Systems	3		B
	CSL206	Database Systems Lab	1		B
CS203	Discrete Structures	3		B	

2181062	CS205	Theory of Automata	3			B
2181063				3.29	2.90	
	CS201	Comp Organization & Assembly Lang	3			A
	CSL201	Comp Organization & Assembly Lang Lab	1			C
	CS206	Database Systems	3			A
	CSL206	Database Systems Lab	1			B
	CS203	Discrete Structures	3			A
	MT201	Linear Algebra	3			D
	CS205	Theory of Automata	3			A
2181064				3.64	3.15	
	CS206	Database Systems	3			A
	CSL206	Database Systems Lab	1			A
	UE101	Financial Accounting	3			A
	MT201	Linear Algebra	3			B
	CS302	Operating System	3			B
	CSL302	Operating Systems Lab	1			A
	CS205	Theory of Automata	3			A
2181065				3.62	3.28	
	CS206	Database Systems	3			A
	CSL206	Database Systems Lab	1			A
	CS204	Design & Analysis of Algorithms	3			B
	MT201	Linear Algebra	3			B
	STAT 111	Probability & Statistics	3			A
	CS205	Theory of Automata	3			A
2181067				2.64	3.26	
	CS206	Database Systems	3			B
	CSL206	Database Systems Lab	1			A
	CS204	Design & Analysis of Algorithms	3			B
	MT201	Linear Algebra	3			C
	CS302	Operating System	3			B
	CSL302	Operating Systems Lab	1			C
	STAT 111	Probability & Statistics	3			C
2181069				2.22	2.23	
	CS201	Comp Organization & Assembly Lang	3			C
	CSL201	Comp Organization & Assembly Lang Lab	1			C
	CSL202	Data Structures & Algorithms Lab	1			A
	CS206	Database Systems	3			B
	CSL206	Database Systems Lab	1			A
	CS204	Design & Analysis of Algorithms	3			D
	MT201	Linear Algebra	3			C
	CS205	Theory of Automata	3			C
2181072				2.23	1.88	
	CS201	Comp Organization & Assembly Lang	3			B
	CSL201	Comp Organization & Assembly Lang Lab	1			C
	MT201	Linear Algebra	3			C
	MT102	Probability & Statistics	3			B
	CS205	Theory of Automata	3			D
2181074				2.82	2.47	
	CS201	Comp Organization & Assembly Lang	3			C
	CSL201	Comp Organization & Assembly Lang Lab	1			C
	CS202	Data Structures & Algorithms	3			C
	CSL202	Data Structures & Algorithms Lab	1			A
	CS203	Discrete Structures	3			B

2181074	MT201	Linear Algebra	3		A
	STAT 111	Probability & Statistics	3		B
2181075				3.00	2.73
	CS201	Comp Organization & Assembly Lang	3		A
	CSL201	Comp Organization & Assembly Lang Lab	1		C
	CS202	Data Structures & Algorithms	3		B
	CSL202	Data Structures & Algorithms Lab	1		A
	CS203	Discrete Structures	3		B
	MT201	Linear Algebra	3		C
	STAT 111	Probability & Statistics	3		B
2181078				3.00	2.54
	CS403	Final Year Project - I	3		A
	CS406	Final Year Project - II	3		A
	UE402	Human Resource Management	3		B
	UE401	Introduction to Economics	3		C
	CS404	Parallel & Distributed Computing	3		C
2181080	CE4703	Server Operating System	3		B
				3.61	3.09
	CS304	Artificial Intelligence	3		B
	CSL304	Artificial Intelligence Lab	1		C
	CE4723	Cloud Computing	3		A
	CS408	Data Warehousing	3		A
	CS403	Final Year Project - I	3		I
CS406	Final Year Project - II	3		I	
2181135	HU402	Professional Practices	3		A
				2.05	2.56
	CS206	Database Systems	3		B
	CSL206	Database Systems Lab	1		A
	CS204	Design & Analysis of Algorithms	3		D
	MT201	Linear Algebra	3		D
	CS302	Operating System	3		C
	CSL302	Operating Systems Lab	1		A
STAT 111	Probability & Statistics	3		C	
2181164				2.23	2.75
	CS206	Database Systems	3		B
	CSL206	Database Systems Lab	1		B
	CS204	Design & Analysis of Algorithms	3		D
	MT201	Linear Algebra	3		D
	CS302	Operating System	3		C
	CSL302	Operating Systems Lab	1		C
MT102	Probability & Statistics	3		A	
2181168				4.00	3.70
	CS206	Database Systems	3		A
	CSL206	Database Systems Lab	1		A
	CS204	Design & Analysis of Algorithms	3		A
	MT201	Linear Algebra	3		A
	CS302	Operating System	3		A
2181186	CSL302	Operating Systems Lab	1		A
				2.84	3.00
	CS202	Data Structures & Algorithms	3		B
	CSL202	Data Structures & Algorithms Lab	1		A
	UE201	Foreign Language	3		A
MT201	Linear Algebra	3		C	
SC302	Numerical Computing	3		C	

2181190	CS202	Data Structures & Algorithms		3.53	3.54	
			3			A
	CSL202	Data Structures & Algorithms Lab	1			A
	LANG 204	Foreign Language - Chinese	3			A
	MT201	Linear Algebra	3			B
	SC302	Numerical Computing	3			B
2181208				2.93	3.04	
	CSL304	Artificial Intelligence Lab	1			B
	CS301	Compiler Construction	3			D
	UE401	Introduction to Economics	3			A
	HU401	Pakistan Studies	2			A
	CS404	Parallel & Distributed Computing	3			B
	CE4703	Server Operating System	3			B
2181221				3.50	3.23	
	CS201	Comp Organization & Assembly Lang	3			B
	CSL201	Comp Organization & Assembly Lang Lab	1			C
	SC301	Differential Equations	3			A
	MT201	Linear Algebra	3			A
	CS104	Object Oriented Programming	3			A
	CS205	Theory of Automata	3			B
2181237				1.94	3.01	
	CS202	Data Structures & Algorithms	3			F
	CSL202	Data Structures & Algorithms Lab	1			B
	MT201	Linear Algebra	3			F
	CS302	Operating System	3			B
	CSL302	Operating Systems Lab	1			B
	MT102	Probability & Statistics	3			A
	CS205	Theory of Automata	3			C
2181251				1.00	1.06	
	CS301	Compiler Construction	3			F
	UE201	Foreign Language	3			D
	MT201	Linear Algebra	3			F
	SC302	Numerical Computing	3			C
	CS303	Software Engineering	3			C
2183008				2.60	2.24	
	CS202	Data Structures & Algorithms	3			C
	CSL202	Data Structures & Algorithms Lab	1			A
	CS203	Discrete Structures	3			C
	UE101	Financial Accounting	3			B
	HU201	Islamic Studies / Ethics	2			A
	STAT 111	Probability & Statistics	3			C
2183019				2.75	2.67	
	CS201	Comp Organization & Assembly Lang	3			D
	CSL201	Comp Organization & Assembly Lang Lab	1			D
	CS202	Data Structures & Algorithms	3			A
	CSL202	Data Structures & Algorithms Lab	1			A
	CS203	Discrete Structures	3			B
	HU201	Islamic Studies / Ethics	2			B
	SC201	Multi-variate Calculus	3			B
2183020				2.80	2.58	
	CS201	Comp Organization & Assembly Lang	3			B
	CSL201	Comp Organization & Assembly Lang Lab	1			D
	CS203	Discrete Structures	3			B
	UE101	Financial Accounting	3			C

2183020	HU201	Islamic Studies / Ethics	2		A
	CS104	Object Oriented Programming	3		B
2183029				3.81	3.79
	CS201	Comp Organization & Assembly Lang	3		A
	CSL201	Comp Organization & Assembly Lang Lab	1		A
	CS202	Data Structures & Algorithms	3		A
	CSL202	Data Structures & Algorithms Lab	1		A
	CS203	Discrete Structures	3		B
	UE101	Financial Accounting	3		A
	HU201	Islamic Studies / Ethics	2		A
2183042				4.00	3.86
	CS201	Comp Organization & Assembly Lang	3		A
	CSL201	Comp Organization & Assembly Lang Lab	1		A
	CS202	Data Structures & Algorithms	3		A
	CSL202	Data Structures & Algorithms Lab	1		A
	CS203	Discrete Structures	3		A
	UE101	Financial Accounting	3		A
	HU201	Islamic Studies / Ethics	2		A
2183054				3.56	3.31
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		B
	CS203	Discrete Structures	3		A
	HU201	Islamic Studies / Ethics	2		A
	SC201	Multi-variate Calculus	3		A
	CS104	Object Oriented Programming	3		B
	CSL104	Object Oriented Programming Lab	1		A
2183062				3.33	3.16
	CS304	Artificial Intelligence	3		B
	CSL304	Artificial Intelligence Lab	1		B
	CS403	Final Year Project - I	3		I
	LANG 204	Foreign Language - Chinese	3		B
	CS407	Information Security	3		B
	HU401	Pakistan Studies	2		A
	CS404	Parallel & Distributed Computing	3		A
2183085				3.94	3.48
	HU102	Communication & Presentation Skills	3		A
	CS201	Comp Organization & Assembly Lang	3		A
	CSL201	Comp Organization & Assembly Lang Lab	1		A
	CS202	Data Structures & Algorithms	3		A
	CSL202	Data Structures & Algorithms Lab	1		B
	CS203	Discrete Structures	3		A
	UE101	Financial Accounting	3		A
2183087				3.25	3.10
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		C
	CS202	Data Structures & Algorithms	3		A
	CSL202	Data Structures & Algorithms Lab	1		B
	CS203	Discrete Structures	3		B
	HU201	Islamic Studies / Ethics	2		A
	SC201	Multi-variate Calculus	3		B
2183090				3.81	3.44
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		A
	CS203	Discrete Structures	3		A

2183090	HU201	Islamic Studies / Ethics	2		A
	SC201	Multi-variate Calculus	3		A
	CS104	Object Oriented Programming	3		A
	CSL104	Object Oriented Programming Lab	1		A
2183100				3.33	3.21
	CS304	Artificial Intelligence	3		B
	CSL304	Artificial Intelligence Lab	1		A
	CS202	Data Structures & Algorithms	3		B
	CSL202	Data Structures & Algorithms Lab	1		A
	CS206	Database Systems	3		A
	CSL206	Database Systems Lab	1		A
	SC302	Numerical Computing	3		C
2183101				4.00	3.69
	CS201	Comp Organization & Assembly Lang	3		A
	CSL201	Comp Organization & Assembly Lang Lab	1		A
	CS202	Data Structures & Algorithms	3		A
	CSL202	Data Structures & Algorithms Lab	1		A
	CS203	Discrete Structures	3		A
	UE101	Financial Accounting	3		A
	HU201	Islamic Studies / Ethics	2		A
2183102				3.50	3.33
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		C
	CS203	Discrete Structures	3		A
	HU201	Islamic Studies / Ethics	2		A
	SC201	Multi-variate Calculus	3		A
	CS104	Object Oriented Programming	3		B
2183110				3.56	3.30
	CS201	Comp Organization & Assembly Lang	3		A
	CSL201	Comp Organization & Assembly Lang Lab	1		B
	CS202	Data Structures & Algorithms	3		B
	CSL202	Data Structures & Algorithms Lab	1		A
	CS203	Discrete Structures	3		B
	UE101	Financial Accounting	3		A
2183115				2.87	2.67
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		C
	CS202	Data Structures & Algorithms	3		A
	CSL202	Data Structures & Algorithms Lab	1		B
	CS203	Discrete Structures	3		C
	HU201	Islamic Studies / Ethics	2		A
2183159				3.23	2.10
	CS201	Comp Organization & Assembly Lang	3		C
	CSL201	Comp Organization & Assembly Lang Lab	1		B
	CS202	Data Structures & Algorithms	3		A
	CSL202	Data Structures & Algorithms Lab	1		A
	CS203	Discrete Structures	3		B
	HU201	Islamic Studies / Ethics	2		A
2183211				3.12	2.91
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		C

2183211	CS203	Discrete Structures	3		B
	HU201	Islamic Studies / Ethics	2		A
	SC201	Multi-variate Calculus	3		B
	CS104	Object Oriented Programming	3		B
	CSL104	Object Oriented Programming Lab	1		A
2183218				3.31	3.10
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		C
	CS202	Data Structures & Algorithms	3		B
	CSL202	Data Structures & Algorithms Lab	1		A
	CS203	Discrete Structures	3		A
	HU201	Islamic Studies / Ethics	2		A
	SC201	Multi-variate Calculus	3		B
2183228				3.68	3.81
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		A
	CS202	Data Structures & Algorithms	3		A
	CSL202	Data Structures & Algorithms Lab	1		A
	CS203	Discrete Structures	3		A
	HU201	Islamic Studies / Ethics	2		B
	SC201	Multi-variate Calculus	3		A
2183230				3.50	3.08
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		B
	CS202	Data Structures & Algorithms	3		A
	CSL202	Data Structures & Algorithms Lab	1		B
	CS203	Discrete Structures	3		B
	HU201	Islamic Studies / Ethics	2		A
	MT102	Probability & Statistics	3		A
2183233				3.18	3.04
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		D
	CS202	Data Structures & Algorithms	3		A
	CSL202	Data Structures & Algorithms Lab	1		B
	CS203	Discrete Structures	3		B
	HU201	Islamic Studies / Ethics	2		A
	SC201	Multi-variate Calculus	3		B
2183248				1.43	1.95
	CE4723	Cloud Computing	3		F
	CS301	Compiler Construction	3		D
	CS206	Database Systems	3		D
	CSL206	Database Systems Lab	1		C
	CE4703	Server Operating System	3		C
	HU301	Technical & Business Writing	3		B
2183249				1.73	2.30
	CS301	Compiler Construction	3		C
	CSL202	Data Structures & Algorithms Lab	1		F
	CS206	Database Systems	3		D
	CSL206	Database Systems Lab	1		C
	MT201	Linear Algebra	3		D
	CS302	Operating System	3		A
	CSL302	Operating Systems Lab	1		F
2183251				3.75	3.50
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		B

2183251	CS202	Data Structures & Algorithms	3		A
	CSL202	Data Structures & Algorithms Lab	1		A
	CS203	Discrete Structures	3		A
	HU201	Islamic Studies / Ethics	2		A
	SC201	Multi-variate Calculus	3		A
2183252				3.33	2.75
	CS202	Data Structures & Algorithms	3		A
	CSL202	Data Structures & Algorithms Lab	1		B
	CS203	Discrete Structures	3		C
	UE101	Financial Accounting	3		A
	HU201	Islamic Studies / Ethics	2		A
	MT102	Probability & Statistics	3		B
2183272				3.62	3.50
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		A
	CS203	Discrete Structures	3		A
	UE101	Financial Accounting	3		A
	CS104	Object Oriented Programming	3		B
	MT102	Probability & Statistics	3		A
2183278				3.00	2.63
	CS203	Discrete Structures	3		B
	HU201	Islamic Studies / Ethics	2		A
	SC201	Multi-variate Calculus	3		B
	CS104	Object Oriented Programming	3		D
	CSL104	Object Oriented Programming Lab	1		A
	STAT 111	Probability & Statistics	3		A
2183282				3.69	2.80
	CS202	Data Structures & Algorithms	3		A
	CSL202	Data Structures & Algorithms Lab	1		B
	CS203	Discrete Structures	3		B
	UE101	Financial Accounting	3		A
	MT102	Probability & Statistics	3		A
2183284				3.37	3.45
	CS201	Comp Organization & Assembly Lang	3		A
	CSL201	Comp Organization & Assembly Lang Lab	1		D
	CS202	Data Structures & Algorithms	3		A
	CSL202	Data Structures & Algorithms Lab	1		B
	CS203	Discrete Structures	3		C
	HU201	Islamic Studies / Ethics	2		A
	SC201	Multi-variate Calculus	3		A
2183287				3.29	3.41
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		A
	CS202	Data Structures & Algorithms	3		A
	CSL202	Data Structures & Algorithms Lab	1		A
	CS203	Discrete Structures	3		D
	UE101	Financial Accounting	3		A
	MT102	Probability & Statistics	3		A
2183291				3.52	3.40
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		C
	CS203	Discrete Structures	3		A
	UE101	Financial Accounting	3		A
	CS104	Object Oriented Programming	3		B
	CSL104	Object Oriented Programming Lab	1		A

2183291	MT102	Probability & Statistics	3			A
2183293				3.00	2.71	
	UE101	Financial Accounting	3			B
	SC201	Multi-variate Calculus	3			C
	CS104	Object Oriented Programming	3			B
	MT102	Probability & Statistics	3			A
2183295				3.93	3.52	
	CS201	Comp Organization & Assembly Lang	3			A
	CSL201	Comp Organization & Assembly Lang Lab	1			B
	CS202	Data Structures & Algorithms	3			A
	CSL202	Data Structures & Algorithms Lab	1			A
	CS203	Discrete Structures	3			A
	HU201	Islamic Studies / Ethics	2			A
	SC201	Multi-variate Calculus	3			A
2183299				3.56	3.47	
	CS201	Comp Organization & Assembly Lang	3			C
	CSL201	Comp Organization & Assembly Lang Lab	1			B
	CS202	Data Structures & Algorithms	3			A
	CSL202	Data Structures & Algorithms Lab	1			A
	CS203	Discrete Structures	3			A
	HU201	Islamic Studies / Ethics	2			A
	SC201	Multi-variate Calculus	3			A
2183303				3.64	3.50	
	CS201	Comp Organization & Assembly Lang	3			B
	CSL201	Comp Organization & Assembly Lang Lab	1			A
	CS202	Data Structures & Algorithms	3			A
	CSL202	Data Structures & Algorithms Lab	1			A
	CS203	Discrete Structures	3			B
	UE101	Financial Accounting	3			A
	MT102	Probability & Statistics	3			A
2183315				3.84	3.55	
	CS201	Comp Organization & Assembly Lang	3			A
	CSL201	Comp Organization & Assembly Lang Lab	1			C
	CS203	Discrete Structures	3			A
	UE101	Financial Accounting	3			A
	MT102	Probability & Statistics	3			A
2183316				3.43	3.52	
	CS201	Comp Organization & Assembly Lang	3			B
	CSL201	Comp Organization & Assembly Lang Lab	1			A
	CS202	Data Structures & Algorithms	3			A
	CSL202	Data Structures & Algorithms Lab	1			A
	CS203	Discrete Structures	3			B
	UE101	Financial Accounting	3			B
	HU201	Islamic Studies / Ethics	2			A
2183346				3.81	3.52	
	CS201	Comp Organization & Assembly Lang	3			A
	CSL201	Comp Organization & Assembly Lang Lab	1			A
	CS202	Data Structures & Algorithms	3			A
	CSL202	Data Structures & Algorithms Lab	1			A
	CS203	Discrete Structures	3			A
	UE101	Financial Accounting	3			B
	HU201	Islamic Studies / Ethics	2			A

2183349	CS202	Data Structures & Algorithms		2.75	2.04	
			3			B
	CSL202	Data Structures & Algorithms Lab	1			B
	CS203	Discrete Structures	3			C
	HU201	Islamic Studies / Ethics	2			B
MT102	Probability & Statistics	3			B	
2183356				3.37	3.47	
	CS201	Comp Organization & Assembly Lang	3			B
	CSL201	Comp Organization & Assembly Lang Lab	1			A
	CS202	Data Structures & Algorithms	3			B
	CSL202	Data Structures & Algorithms Lab	1			B
	CS203	Discrete Structures	3			A
	HU201	Islamic Studies / Ethics	2			A
	SC201	Multi-variate Calculus	3			B
2183358				4.00	3.82	
	HU102	Communication & Presentation Skills	3			A
	CS201	Comp Organization & Assembly Lang	3			A
	CSL201	Comp Organization & Assembly Lang Lab	1			A
	CS202	Data Structures & Algorithms	3			A
	CSL202	Data Structures & Algorithms Lab	1			A
	UE101	Financial Accounting	3			A
MT102	Probability & Statistics	3			A	
2183360				3.66	3.35	
	CS202	Data Structures & Algorithms	3			B
	CSL202	Data Structures & Algorithms Lab	1			B
	CS203	Discrete Structures	3			A
	UE101	Financial Accounting	3			A
HU201	Islamic Studies / Ethics	2			A	
2183361				2.80	2.66	
	CS202	Data Structures & Algorithms	3			B
	CSL202	Data Structures & Algorithms Lab	1			A
	CS203	Discrete Structures	3			B
	UE101	Financial Accounting	3			B
	HU201	Islamic Studies / Ethics	2			A
STAT 111	Probability & Statistics	3			D	
2183362				3.40	2.62	
	CS202	Data Structures & Algorithms	3			A
	CSL202	Data Structures & Algorithms Lab	1			B
	CS203	Discrete Structures	3			B
	UE101	Financial Accounting	3			A
	HU201	Islamic Studies / Ethics	2			B
MT102	Probability & Statistics	3			B	
2183363				3.25	3.14	
	CS201	Comp Organization & Assembly Lang	3			B
	CSL201	Comp Organization & Assembly Lang Lab	1			C
	CS202	Data Structures & Algorithms	3			A
	CSL202	Data Structures & Algorithms Lab	1			B
	CS203	Discrete Structures	3			B
	HU201	Islamic Studies / Ethics	2			A
SC201	Multi-variate Calculus	3			B	
2183380				3.50	2.85	
	CS203	Discrete Structures	3			B
	UE101	Financial Accounting	3			B
HU201	Islamic Studies / Ethics	2			A	

2183380	CS104	Object Oriented Programming	3		A
	CSL104	Object Oriented Programming Lab	1		A
2183405				3.00	3.02
	CS304	Artificial Intelligence	3		A
	CSL304	Artificial Intelligence Lab	1		B
	CE4723	Cloud Computing	3		A
	CS301	Compiler Construction	3		C
	SC301	Differential Equations	3		D
	LANG 204	Foreign Language - Chinese	3		A
	CSL104	Object Oriented Programming Lab	1		B
2183406				3.43	3.32
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		D
	CS202	Data Structures & Algorithms	3		A
	CSL202	Data Structures & Algorithms Lab	1		A
	CS203	Discrete Structures	3		A
	HU201	Islamic Studies / Ethics	2		A
	SC201	Multi-variate Calculus	3		B
2191005				2.05	2.36
	HU102	Communication & Presentation Skills	3		B
	CS103	Digital Logic Design	3		D
	CSL103	Digital Logic Design Lab	1		B
	UE101	Financial Accounting	3		B
	CS104	Object Oriented Programming	3		C
	CSL104	Object Oriented Programming Lab	1		C
	MT102	Probability & Statistics	3		D
2191006				2.35	2.74
	HU102	Communication & Presentation Skills	3		C
	CS103	Digital Logic Design	3		C
	CSL103	Digital Logic Design Lab	1		B
	UE101	Financial Accounting	3		A
	CS104	Object Oriented Programming	3		C
	CSL104	Object Oriented Programming Lab	1		A
	MT102	Probability & Statistics	3		D
2191007				3.64	3.72
	HU102	Communication & Presentation Skills	3		A
	CS103	Digital Logic Design	3		B
	CSL103	Digital Logic Design Lab	1		A
	UE101	Financial Accounting	3		A
	CS104	Object Oriented Programming	3		B
	CSL104	Object Oriented Programming Lab	1		A
	STAT 111	Probability & Statistics	3		A
2191008				3.47	3.65
	HU102	Communication & Presentation Skills	3		A
	CS103	Digital Logic Design	3		A
	CSL103	Digital Logic Design Lab	1		A
	UE101	Financial Accounting	3		A
	CS104	Object Oriented Programming	3		B
	CSL104	Object Oriented Programming Lab	1		A
	STAT 111	Probability & Statistics	3		C
2191009				2.88	3.06
	HU102	Communication & Presentation Skills	3		A
	CS103	Digital Logic Design	3		C
	CSL103	Digital Logic Design Lab	1		A

2191009	UE101	Financial Accounting	3		A
	CS104	Object Oriented Programming	3		C
	CSL104	Object Oriented Programming Lab	1		B
	MT102	Probability & Statistics	3		C
2191011				1.58	2.00
	HU102	Communication & Presentation Skills	3		B
	CS103	Digital Logic Design	3		F
	CSL103	Digital Logic Design Lab	1		C
	UE101	Financial Accounting	3		B
	CS104	Object Oriented Programming	3		D
	CSL104	Object Oriented Programming Lab	1		A
	MT102	Probability & Statistics	3		F
2191014				3.23	3.30
	HU102	Communication & Presentation Skills	3		B
	CS103	Digital Logic Design	3		B
	CSL103	Digital Logic Design Lab	1		B
	UE101	Financial Accounting	3		A
	CS104	Object Oriented Programming	3		B
	CSL104	Object Oriented Programming Lab	1		A
	MT102	Probability & Statistics	3		B
2191015				1.70	2.24
	HU102	Communication & Presentation Skills	3		B
	CS103	Digital Logic Design	3		F
	CSL103	Digital Logic Design Lab	1		C
	UE101	Financial Accounting	3		C
	CS104	Object Oriented Programming	3		F
	CSL104	Object Oriented Programming Lab	1		B
	MT102	Probability & Statistics	3		B
2191023				3.17	3.34
	HU102	Communication & Presentation Skills	3		B
	CS103	Digital Logic Design	3		B
	CSL103	Digital Logic Design Lab	1		B
	UE101	Financial Accounting	3		A
	CS104	Object Oriented Programming	3		B
	CSL104	Object Oriented Programming Lab	1		B
	MT102	Probability & Statistics	3		B
2191029				3.11	3.15
	HU102	Communication & Presentation Skills	3		A
	CS103	Digital Logic Design	3		A
	CSL103	Digital Logic Design Lab	1		B
	UE101	Financial Accounting	3		B
	CS104	Object Oriented Programming	3		C
	CSL104	Object Oriented Programming Lab	1		C
	MT102	Probability & Statistics	3		B
2191033				3.35	3.20
	HU102	Communication & Presentation Skills	3		A
	CS103	Digital Logic Design	3		B
	CSL103	Digital Logic Design Lab	1		B
	UE101	Financial Accounting	3		A
	CS104	Object Oriented Programming	3		C
	CSL104	Object Oriented Programming Lab	1		B
	MT102	Probability & Statistics	3		A
2191034				0.76	1.48
	MT101	Calculus & Analytical Geometry	3		F
	HU102	Communication & Presentation Skills	3		D

2191034	CS103	Digital Logic Design	3		F
	CSL103	Digital Logic Design Lab	1		C
	UE101	Financial Accounting	3		D
	CS104	Object Oriented Programming	3		D
	CSL104	Object Oriented Programming Lab	1		C
2191038				3.00	3.48
	HU102	Communication & Presentation Skills	3		A
	CS103	Digital Logic Design	3		B
	CSL103	Digital Logic Design Lab	1		B
	UE101	Financial Accounting	3		C
	CS104	Object Oriented Programming	3		B
	CSL104	Object Oriented Programming Lab	1		B
2191039				2.76	2.66
	HU102	Communication & Presentation Skills	3		C
	CS103	Digital Logic Design	3		C
	CSL103	Digital Logic Design Lab	1		A
	UE101	Financial Accounting	3		B
	CS104	Object Oriented Programming	3		C
	CSL104	Object Oriented Programming Lab	1		A
	STAT 111	Probability & Statistics	3		A
2191041				2.58	2.76
	HU102	Communication & Presentation Skills	3		A
	CS103	Digital Logic Design	3		C
	CSL103	Digital Logic Design Lab	1		B
	UE101	Financial Accounting	3		C
	CS104	Object Oriented Programming	3		C
	CSL104	Object Oriented Programming Lab	1		C
	MT102	Probability & Statistics	3		B
2191045				3.07	3.35
	NS101	Applied Physics	3		C
	HU101	English Composition & Comprehension	3		A
	CS104	Object Oriented Programming	3		C
	CSL104	Object Oriented Programming Lab	1		A
	MT102	Probability & Statistics	3		A
2191074				2.41	2.60
	HU102	Communication & Presentation Skills	3		C
	CS103	Digital Logic Design	3		D
	CSL103	Digital Logic Design Lab	1		C
	UE101	Financial Accounting	3		A
	CS104	Object Oriented Programming	3		C
	CSL104	Object Oriented Programming Lab	1		B
	MT102	Probability & Statistics	3		B
2191104				2.47	2.66
	HU102	Communication & Presentation Skills	3		B
	CS103	Digital Logic Design	3		C
	CSL103	Digital Logic Design Lab	1		B
	UE101	Financial Accounting	3		B
	CS104	Object Oriented Programming	3		C
	CSL104	Object Oriented Programming Lab	1		B
	MT102	Probability & Statistics	3		C
2191133				2.52	2.33
	HU102	Communication & Presentation Skills	3		A
	CS103	Digital Logic Design	3		C
	CSL103	Digital Logic Design Lab	1		A
	UE101	Financial Accounting	3		B

2191133	CS104	Object Oriented Programming	3		C
	CSL104	Object Oriented Programming Lab	1		B
	MT102	Probability & Statistics	3		D
2191161				2.68	2.71
	CS201	Comp Organization & Assembly Lang	3		B
	CSL201	Comp Organization & Assembly Lang Lab	1		D
	CS203	Discrete Structures	3		B
	SC201	Multi-variate Calculus	3		B
	CS104	Object Oriented Programming	3		C
	MT102	Probability & Statistics	3		B
2191163				3.20	3.39
	CS301	Compiler Construction	3		B
	CS204	Design & Analysis of Algorithms	3		B
	UE201	Foreign Language	3		A
	SC302	Numerical Computing	3		B
	CE2301	System Analysis and Design	3		B
2191164				3.93	3.58
	CS301	Compiler Construction	3		A
	CS206	Database Systems	3		A
	CSL206	Database Systems Lab	1		B
	CS204	Design & Analysis of Algorithms	3		A
	UE201	Foreign Language	3		A
	CE2301	System Analysis and Design	3		A
2191165				3.37	3.31
	CS301	Compiler Construction	3		B
	CS206	Database Systems	3		A
	CSL206	Database Systems Lab	1		B
	CS204	Design & Analysis of Algorithms	3		B
	UE201	Foreign Language	3		A
	CE2301	System Analysis and Design	3		B
2191170				2.05	2.66
	HU102	Communication & Presentation Skills	3		B
	CS103	Digital Logic Design	3		F
	CSL103	Digital Logic Design Lab	1		C
	UE101	Financial Accounting	3		B
	CS104	Object Oriented Programming	3		C
	CSL104	Object Oriented Programming Lab	1		B
	MT102	Probability & Statistics	3		C
2191171				2.35	2.63
	HU102	Communication & Presentation Skills	3		B
	CS103	Digital Logic Design	3		C
	CSL103	Digital Logic Design Lab	1		C
	UE101	Financial Accounting	3		B
	CS104	Object Oriented Programming	3		C
	CSL104	Object Oriented Programming Lab	1		C
	MT102	Probability & Statistics	3		C
2191174				3.64	3.68
	HU102	Communication & Presentation Skills	3		A
	CS103	Digital Logic Design	3		C
	CSL103	Digital Logic Design Lab	1		A
	UE101	Financial Accounting	3		A
	CS104	Object Oriented Programming	3		A
	CSL104	Object Oriented Programming Lab	1		A
	STAT 111	Probability & Statistics	3		A

2191197	CS204	Design & Analysis of Algorithms		2.40	2.75	
			3			B
	CS407	Information Security				D
			3			
	MT201	Linear Algebra				C
			3			
	CE4726	Mobile Computing				B
			3			
	HU402	Professional Practices				B
			3			
2191198				3.40	3.62	
	CS204	Design & Analysis of Algorithms				B
			3			
	CS407	Information Security				B
			3			
	MT201	Linear Algebra				A
		3				
	CE4726	Mobile Computing				A
			3			
	HU402	Professional Practices				B
			3			
2191199				2.40	2.34	
	CS204	Design & Analysis of Algorithms				C
			3			
	CS407	Information Security				C
			3			
	MT201	Linear Algebra				C
		3				
	CE4726	Mobile Computing				B
			3			
	HU402	Professional Practices				B
			3			
2191200				2.60	3.14	
	CS204	Design & Analysis of Algorithms				B
			3			
	CS407	Information Security				F
			3			
	MT201	Linear Algebra				A
		3				
	CE4726	Mobile Computing				B
			3			
	HU402	Professional Practices				B
			3			
2191211				2.60	3.20	
	CS204	Design & Analysis of Algorithms				C
			3			
	CS407	Information Security				C
			3			
	MT201	Linear Algebra				B
		3				
	CE4726	Mobile Computing				B
			3			
	HU402	Professional Practices				B
			3			
2193034				3.37	3.37	
	NS101	Applied Physics				B
			3			
	MT101	Calculus & Analytical Geometry				B
			3			
	HU101	English Composition & Comprehension				A
			3			
CS105	Introduction to ICT				A	
		3				
CS102	Programming Fundamentals				B	
		3				
CSL102	Programming Fundamentals Lab				B	
		1				
2193040				3.37	3.37	
	NS101	Applied Physics				B
			3			
	MT101	Calculus & Analytical Geometry				A
			3			
	HU101	English Composition & Comprehension				A
			3			
CS105	Introduction to ICT				B	
		3				
CS102	Programming Fundamentals				B	
		3				
CSL102	Programming Fundamentals Lab				B	
		1				
2193045				2.50	2.50	
	NS101	Applied Physics				B
			3			
	MT101	Calculus & Analytical Geometry				C
			3			
	HU101	English Composition & Comprehension				B
			3			
CS105	Introduction to ICT				C	
		3				
CS102	Programming Fundamentals				C	
		3				
CSL102	Programming Fundamentals Lab				A	
		1				
2193046				2.87	2.87	
	NS101	Applied Physics				C
			3			
	MT101	Calculus & Analytical Geometry				B
		3				

2193046	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		B
	CS102	Programming Fundamentals	3		B
	CSL102	Programming Fundamentals Lab	1		A
2193048				0.37	0.37
	NS101	Applied Physics	3		F
	MT101	Calculus & Analytical Geometry	3		F
	HU101	English Composition & Comprehension	3		F
	CS105	Introduction to ICT	3		F
	CS102	Programming Fundamentals	3		D
	CSL102	Programming Fundamentals Lab	1		B
2193051				3.62	3.62
	NS101	Applied Physics	3		B
	MT101	Calculus & Analytical Geometry	3		A
	HU101	English Composition & Comprehension	3		A
	CS105	Introduction to ICT	3		B
	CS102	Programming Fundamentals	3		A
	CSL102	Programming Fundamentals Lab	1		A
2193052				3.06	3.06
	NS101	Applied Physics	3		B
	MT101	Calculus & Analytical Geometry	3		B
	HU101	English Composition & Comprehension	3		A
	CS105	Introduction to ICT	3		C
	CS102	Programming Fundamentals	3		B
	CSL102	Programming Fundamentals Lab	1		A
2193053				2.37	2.37
	NS101	Applied Physics	3		C
	MT101	Calculus & Analytical Geometry	3		C
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		C
	CS102	Programming Fundamentals	3		B
	CSL102	Programming Fundamentals Lab	1		C
2193065				3.37	3.37
	NS101	Applied Physics	3		A
	MT101	Calculus & Analytical Geometry	3		A
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		B
	CS102	Programming Fundamentals	3		B
	CSL102	Programming Fundamentals Lab	1		B
2193068				3.06	3.06
	NS101	Applied Physics	3		B
	MT101	Calculus & Analytical Geometry	3		C
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		A
	CS102	Programming Fundamentals	3		B
	CSL102	Programming Fundamentals Lab	1		A
2193070				3.25	3.25
	NS101	Applied Physics	3		A
	MT101	Calculus & Analytical Geometry	3		C
	HU101	English Composition & Comprehension	3		A
	CS105	Introduction to ICT	3		C
	CS102	Programming Fundamentals	3		A
	CSL102	Programming Fundamentals Lab	1		A

2193073	NS101	Applied Physics		2.68	2.68	
			3			C
	MT101	Calculus & Analytical Geometry	3			C
	HU101	English Composition & Comprehension	3			A
	CS105	Introduction to ICT	3			D
	CS102	Programming Fundamentals	3			A
	CSL102	Programming Fundamentals Lab	1			A
2193074				2.43	2.43	
	NS101	Applied Physics	3			D
	MT101	Calculus & Analytical Geometry	3			C
	HU101	English Composition & Comprehension	3			B
	CS105	Introduction to ICT	3			C
	CS102	Programming Fundamentals	3			A
	CSL102	Programming Fundamentals Lab	1			B
2193078				3.62	3.62	
	NS101	Applied Physics	3			A
	MT101	Calculus & Analytical Geometry	3			B
	HU101	English Composition & Comprehension	3			A
	CS105	Introduction to ICT	3			B
	CS102	Programming Fundamentals	3			A
	CSL102	Programming Fundamentals Lab	1			A
2193084				2.47	2.47	
	CS103	Digital Logic Design	3			C
	CSL103	Digital Logic Design Lab	1			B
	UE101	Financial Accounting	3			C
	CS105	Introduction to ICT	3			C
	MT102	Probability & Statistics	3			B
	CSL102	Programming Fundamentals Lab	1			B
2193085				3.06	3.06	
	NS101	Applied Physics	3			B
	MT101	Calculus & Analytical Geometry	3			A
	HU101	English Composition & Comprehension	3			C
	CS105	Introduction to ICT	3			C
	CS102	Programming Fundamentals	3			A
	CSL102	Programming Fundamentals Lab	1			A
2193088				3.43	3.43	
	NS101	Applied Physics	3			A
	MT101	Calculus & Analytical Geometry	3			B
	HU101	English Composition & Comprehension	3			A
	CS105	Introduction to ICT	3			B
	CS102	Programming Fundamentals	3			B
	CSL102	Programming Fundamentals Lab	1			A
2193091				2.76	2.76	
	NS101	Applied Physics	3			A
	HU102	Communication & Presentation Skills	3			B
	SC201	Multi-variate Calculus	3			B
	CS102	Programming Fundamentals	3			C
	CSL102	Programming Fundamentals Lab	1			F
2193092				4.00	4.00	
	NS101	Applied Physics	3			A
	MT101	Calculus & Analytical Geometry	3			A
	HU101	English Composition & Comprehension	3			A
	CS105	Introduction to ICT	3			A

2193092	CS102	Programming Fundamentals	3		A
	CSL102	Programming Fundamentals Lab	1		A
2193096				3.81	3.81
	NS101	Applied Physics	3		A
	MT101	Calculus & Analytical Geometry	3		A
	HU101	English Composition & Comprehension	3		A
	CS105	Introduction to ICT	3		B
	CS102	Programming Fundamentals	3		A
	CSL102	Programming Fundamentals Lab	1		A
2193102				3.81	3.81
	NS101	Applied Physics	3		A
	MT101	Calculus & Analytical Geometry	3		A
	HU101	English Composition & Comprehension	3		A
	CS105	Introduction to ICT	3		B
	CS102	Programming Fundamentals	3		A
	CSL102	Programming Fundamentals Lab	1		A
2193114				3.00	3.00
	NS101	Applied Physics	3		A
	MT101	Calculus & Analytical Geometry	3		B
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		B
	CS102	Programming Fundamentals	3		C
	CSL102	Programming Fundamentals Lab	1		B
2193128				2.00	2.00
	NS101	Applied Physics	3		A
	HU102	Communication & Presentation Skills	3		F
	CS203	Discrete Structures	3		C
	MT102	Probability & Statistics	3		C
2193149				2.87	2.87
	HU102	Communication & Presentation Skills	3		A
	CSL201	Comp Organization & Assembly Lang Lab	1		A
	CS204	Design & Analysis of Algorithms	3		B
	CS105	Introduction to ICT	3		C
	MT201	Linear Algebra	3		C
	SC302	Numerical Computing	3		B
2193150				3.25	3.25
	HU102	Communication & Presentation Skills	3		A
	CSL201	Comp Organization & Assembly Lang Lab	1		A
	CS204	Design & Analysis of Algorithms	3		B
	CS105	Introduction to ICT	3		B
	MT201	Linear Algebra	3		B
	SC302	Numerical Computing	3		B
2193151				2.75	2.75
	NS101	Applied Physics	3		C
	MT101	Calculus & Analytical Geometry	3		A
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		C
	CS102	Programming Fundamentals	3		B
	CSL102	Programming Fundamentals Lab	1		C
2193152				3.00	3.00
	NS101	Applied Physics	3		B
	MT101	Calculus & Analytical Geometry	3		A
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		C

2193152	CS102	Programming Fundamentals	3		B
	CSL102	Programming Fundamentals Lab	1		B
2193154				3.62	3.62
	NS101	Applied Physics	3		B
	MT101	Calculus & Analytical Geometry	3		A
	HU101	English Composition & Comprehension	3		A
	CS105	Introduction to ICT	3		B
	CS102	Programming Fundamentals	3		A
	CSL102	Programming Fundamentals Lab	1		A
2193158				3.62	3.62
	NS101	Applied Physics	3		A
	MT101	Calculus & Analytical Geometry	3		A
	HU101	English Composition & Comprehension	3		A
	CS105	Introduction to ICT	3		C
	CS102	Programming Fundamentals	3		A
	CSL102	Programming Fundamentals Lab	1		A
2193172				2.62	2.62
	NS101	Applied Physics	3		C
	MT101	Calculus & Analytical Geometry	3		B
	HU101	English Composition & Comprehension	3		A
	CS105	Introduction to ICT	3		C
	CS102	Programming Fundamentals	3		C
	CSL102	Programming Fundamentals Lab	1		B
2193177				3.43	3.43
	NS101	Applied Physics	3		A
	MT101	Calculus & Analytical Geometry	3		B
	HU101	English Composition & Comprehension	3		A
	CS105	Introduction to ICT	3		B
	CS102	Programming Fundamentals	3		B
	CSL102	Programming Fundamentals Lab	1		A
2193178				1.87	1.87
	NS101	Applied Physics	3		C
	MT101	Calculus & Analytical Geometry	3		D
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		D
	CS102	Programming Fundamentals	3		C
	CSL102	Programming Fundamentals Lab	1		B
2193184				4.00	4.00
	NS101	Applied Physics	3		A
	MT101	Calculus & Analytical Geometry	3		A
	HU101	English Composition & Comprehension	3		A
	CS105	Introduction to ICT	3		A
	CS102	Programming Fundamentals	3		A
	CSL102	Programming Fundamentals Lab	1		A
2193190				2.93	2.93
	NS101	Applied Physics	3		B
	MT101	Calculus & Analytical Geometry	3		A
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		C
	CS102	Programming Fundamentals	3		B
	CSL102	Programming Fundamentals Lab	1		C
2193203				2.68	2.68
	NS101	Applied Physics	3		D
	MT101	Calculus & Analytical Geometry	3		C

2193203	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		B
	CS102	Programming Fundamentals	3		A
	CSL102	Programming Fundamentals Lab	1		A
2193222				3.00	3.00
	NS101	Applied Physics	3		B
	MT101	Calculus & Analytical Geometry	3		B
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		B
	CS102	Programming Fundamentals	3		B
	CSL102	Programming Fundamentals Lab	1		B
2193223				2.62	2.62
	NS101	Applied Physics	3		C
	MT101	Calculus & Analytical Geometry	3		B
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		C
	CS102	Programming Fundamentals	3		B
	CSL102	Programming Fundamentals Lab	1		B
2193224				2.62	2.62
	NS101	Applied Physics	3		D
	MT101	Calculus & Analytical Geometry	3		A
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		C
	CS102	Programming Fundamentals	3		B
	CSL102	Programming Fundamentals Lab	1		B
2193225				0.00	0.00
	NS101	Applied Physics	3		F
	MT101	Calculus & Analytical Geometry	3		F
	HU101	English Composition & Comprehension	3		F
	CS105	Introduction to ICT	3		F
	CS102	Programming Fundamentals	3		F
	CSL102	Programming Fundamentals Lab	1		F
2193229				3.00	3.00
	NS101	Applied Physics	3		A
	MT101	Calculus & Analytical Geometry	3		C
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		B
	CS102	Programming Fundamentals	3		B
	CSL102	Programming Fundamentals Lab	1		B
2193231				3.18	3.18
	NS101	Applied Physics	3		B
	MT101	Calculus & Analytical Geometry	3		B
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		A
	CS102	Programming Fundamentals	3		B
	CSL102	Programming Fundamentals Lab	1		B
2193239				3.25	3.25
	NS101	Applied Physics	3		B
	MT101	Calculus & Analytical Geometry	3		A
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		B
2193241				3.75	3.75
	NS101	Applied Physics	3		A
	MT101	Calculus & Analytical Geometry	3		A

2193241	HU101	English Composition & Comprehension	3		A
	CS105	Introduction to ICT	3		B
	CS102	Programming Fundamentals	3		A
	CSL102	Programming Fundamentals Lab	1		B
2193242				3.18	3.18
	NS101	Applied Physics	3		B
	MT101	Calculus & Analytical Geometry	3		B
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		A
	CS102	Programming Fundamentals	3		B
	CSL102	Programming Fundamentals Lab	1		B
2193248				3.69	3.69
	MT101	Calculus & Analytical Geometry	3		A
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		A
	CS102	Programming Fundamentals	3		A
	CSL102	Programming Fundamentals Lab	1		B
2193255				2.70	2.70
	CS304	Artificial Intelligence	3		C
	CSL304	Artificial Intelligence Lab	1		C
	MT101	Calculus & Analytical Geometry	3		B
	HU102	Communication & Presentation Skills	3		B
	HU201	Islamic Studies / Ethics	2		B
	HU401	Pakistan Studies	2		A
	CE2301	System Analysis and Design	3		C
2193256				2.85	2.85
	CS304	Artificial Intelligence	3		B
	CSL304	Artificial Intelligence Lab	1		B
	HU102	Communication & Presentation Skills	3		B
	HU201	Islamic Studies / Ethics	2		C
	HU401	Pakistan Studies	2		B
	CE2301	System Analysis and Design	3		B
2193257				3.00	3.00
	CS304	Artificial Intelligence	3		B
	CSL304	Artificial Intelligence Lab	1		C
	HU102	Communication & Presentation Skills	3		B
	HU201	Islamic Studies / Ethics	2		A
	HU401	Pakistan Studies	2		A
	CE2301	System Analysis and Design	3		C
2193258				2.53	2.53
	CS304	Artificial Intelligence	3		C
	CSL304	Artificial Intelligence Lab	1		C
	HU102	Communication & Presentation Skills	3		B
	HU401	Pakistan Studies	2		B
	MT102	Probability & Statistics	3		B
	CE2301	System Analysis and Design	3		C
2193260				3.13	3.13
	CS304	Artificial Intelligence	3		B
	CSL304	Artificial Intelligence Lab	1		C
	HU102	Communication & Presentation Skills	3		B
	HU401	Pakistan Studies	2		B
	MT102	Probability & Statistics	3		A
	CE2301	System Analysis and Design	3		B

2193262	NS101	Applied Physics		3.75	3.75	
			3			A
	MT101	Calculus & Analytical Geometry				A
			3			A
	HU101	English Composition & Comprehension				A
			3			A
	CS105	Introduction to ICT				A
		3			A	
	CS102	Programming Fundamentals				B
		3				B
	CSL102	Programming Fundamentals Lab				B
		1				B
2193268				3.00	3.00	
	NS101	Applied Physics				B
			3			B
	MT101	Calculus & Analytical Geometry				C
			3			C
	HU101	English Composition & Comprehension				B
			3			B
CS105	Introduction to ICT				B	
		3			B	
	CS102	Programming Fundamentals				A
		3				A
	CSL102	Programming Fundamentals Lab				B
		1				B
2193295				2.87	2.87	
	CS202	Data Structures & Algorithms				A
			3			A
	CSL202	Data Structures & Algorithms Lab				A
			1			A
	MT201	Linear Algebra				B
			3			B
SC302	Numerical Computing				C	
		3			C	
	MT102	Probability & Statistics				A
		3				A
	CS205	Theory of Automata				D
		3				D
2193300				2.62	2.62	
	NS101	Applied Physics				C
			3			C
	MT101	Calculus & Analytical Geometry				B
			3			B
	HU101	English Composition & Comprehension				B
			3			B
CS105	Introduction to ICT				C	
		3			C	
	CS102	Programming Fundamentals				B
		3				B
	CSL102	Programming Fundamentals Lab				B
		1				B
2193303				3.81	3.81	
	NS101	Applied Physics				B
			3			B
	MT101	Calculus & Analytical Geometry				A
			3			A
	HU101	English Composition & Comprehension				A
			3			A
CS105	Introduction to ICT				A	
		3			A	
	CS102	Programming Fundamentals				A
		3				A
	CSL102	Programming Fundamentals Lab				A
		1				A
2193310				3.18	3.18	
	NS101	Applied Physics				A
			3			A
	MT101	Calculus & Analytical Geometry				A
			3			A
	HU101	English Composition & Comprehension				C
			3			C
CS105	Introduction to ICT				B	
		3			B	
	CS102	Programming Fundamentals				B
		3				B
	CSL102	Programming Fundamentals Lab				B
		1				B
2193318				3.62	3.62	
	NS101	Applied Physics				A
			3			A
	MT101	Calculus & Analytical Geometry				A
			3			A
	HU101	English Composition & Comprehension				A
			3			A
CS105	Introduction to ICT				B	
		3			B	
	CS102	Programming Fundamentals				B
		3				B
	CSL102	Programming Fundamentals Lab				A
		1				A
2193319				3.81	3.81	
	NS101	Applied Physics				A
			3			A
	MT101	Calculus & Analytical Geometry				A
		3			A	
HU101	English Composition & Comprehension				A	
		3			A	
CS105	Introduction to ICT				A	
		3			A	

2193319	CS102	Programming Fundamentals	3		B
	CSL102	Programming Fundamentals Lab	1		A
2193321				4.00	4.00
	NS101	Applied Physics	3		A
	MT101	Calculus & Analytical Geometry	3		A
	HU101	English Composition & Comprehension	3		A
	CS105	Introduction to ICT	3		A
	CS102	Programming Fundamentals	3		A
	CSL102	Programming Fundamentals Lab	1		A
2193329				2.87	2.87
	NS101	Applied Physics	3		B
	MT101	Calculus & Analytical Geometry	3		C
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		B
	CS102	Programming Fundamentals	3		B
	CSL102	Programming Fundamentals Lab	1		A
2193330				1.62	1.62
	NS101	Applied Physics	3		D
	MT101	Calculus & Analytical Geometry	3		D
	HU101	English Composition & Comprehension	3		C
	CS105	Introduction to ICT	3		C
	CS102	Programming Fundamentals	3		C
	CSL102	Programming Fundamentals Lab	1		C
2193342				3.25	3.25
	NS101	Applied Physics	3		A
	MT101	Calculus & Analytical Geometry	3		C
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		A
	CS102	Programming Fundamentals	3		A
	CSL102	Programming Fundamentals Lab	1		D
2193346				2.87	2.87
	NS101	Applied Physics	3		A
	MT101	Calculus & Analytical Geometry	3		C
	HU101	English Composition & Comprehension	3		C
	CS105	Introduction to ICT	3		B
	CS102	Programming Fundamentals	3		B
	CSL102	Programming Fundamentals Lab	1		A
2193347				3.93	3.93
	NS101	Applied Physics	3		A
	MT101	Calculus & Analytical Geometry	3		A
	HU101	English Composition & Comprehension	3		A
	CS105	Introduction to ICT	3		A
	CS102	Programming Fundamentals	3		A
	CSL102	Programming Fundamentals Lab	1		B
2193359				2.50	2.50
	NS101	Applied Physics	3		C
	HU102	Communication & Presentation Skills	3		A
	CSL103	Digital Logic Design Lab	1		D
	UE101	Financial Accounting	3		C
	CSL104	Object Oriented Programming Lab	1		B
	CSL102	Programming Fundamentals Lab	1		C
2193365				2.75	2.75
	NS101	Applied Physics	3		C
	MT101	Calculus & Analytical Geometry	3		A

2193365	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		B
	CS102	Programming Fundamentals	3		C
	CSL102	Programming Fundamentals Lab	1		C
2193367				3.81	3.81
	NS101	Applied Physics	3		B
	MT101	Calculus & Analytical Geometry	3		A
	HU101	English Composition & Comprehension	3		A
	CS105	Introduction to ICT	3		A
	CS102	Programming Fundamentals	3		A
	CSL102	Programming Fundamentals Lab	1		A
2193371				1.87	1.87
	NS101	Applied Physics	3		D
	MT101	Calculus & Analytical Geometry	3		D
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		C
	CS102	Programming Fundamentals	3		C
	CSL102	Programming Fundamentals Lab	1		B
2193378				3.00	3.00
	NS101	Applied Physics	3		C
	MT101	Calculus & Analytical Geometry	3		B
	HU101	English Composition & Comprehension	3		B
	CS105	Introduction to ICT	3		A
	CS102	Programming Fundamentals	3		B
	CSL102	Programming Fundamentals Lab	1		B
2193380				2.15	2.15
	NS101	Applied Physics	3		D
	MT101	Calculus & Analytical Geometry	3		B
	HU101	English Composition & Comprehension	3		C
	CS102	Programming Fundamentals	3		C
	CSL102	Programming Fundamentals Lab	1		A
2193381				2.30	2.30
	NS101	Applied Physics	3		C
	MT101	Calculus & Analytical Geometry	3		B
	HU101	English Composition & Comprehension	3		C
	CS102	Programming Fundamentals	3		C
	CSL102	Programming Fundamentals Lab	1		B
2193382				2.53	2.53
	NS101	Applied Physics	3		C
	MT101	Calculus & Analytical Geometry	3		A
	HU101	English Composition & Comprehension	3		C
	CS102	Programming Fundamentals	3		C
	CSL102	Programming Fundamentals Lab	1		B
2193392				2.43	2.43
	NS101	Applied Physics	3		C
	MT101	Calculus & Analytical Geometry	3		C
	HU101	English Composition & Comprehension	3		A
	CS105	Introduction to ICT	3		C
	CS102	Programming Fundamentals	3		C
	CSL102	Programming Fundamentals Lab	1		B
2193394				2.43	2.43
	NS101	Applied Physics	3		D
	MT101	Calculus & Analytical Geometry	3		B
	HU101	English Composition & Comprehension	3		B

2193394	CS105	Introduction to ICT	3			C
	CS102	Programming Fundamentals	3			B
	CSL102	Programming Fundamentals Lab	1			B
2193395				3.60	3.60	
	HU101	English Composition & Comprehension	3			B
	CS105	Introduction to ICT	3			A
	CS102	Programming Fundamentals	3			A
	CSL102	Programming Fundamentals Lab	1			B

National College of Business Administration & Economics

N C B A & E, 40-E1, Gulberg III, Lahore 54660, Pakistan

Phone: 04235752716 Email: info@ncbae.edu.pk

MCS - Final Result Fall 2019

Roll Number	Subject Code	Subject Name	Credit Hrs	GPA	CGPA	Grade
2172073				3.66	2.98	
	CS202	Data Structures & Algorithms	3			A
	CS104	Object Oriented Programming	3			A
	CC3514	System Programming	3			B
2173069				3.00	3.41	
	CC3514	System Programming	3			B
2173073				4.00	3.18	
	CS305	Computer Networks	3			A
	CSL305	Computer Networks Lab	1			A
	CS408	Data Warehousing	3			A
	CS489	Project	6			I
	CC3514	System Programming	3			A
2173074				4.00	3.43	
	CS305	Computer Networks	3			A
	CSL305	Computer Networks Lab	1			A
	CS408	Data Warehousing	3			A
	CS489	Project	6			I
	CC3514	System Programming	3			A
2181252				3.50	2.87	
	CS489	Project	6			I
	CC3514	System Programming	3			A
	CS307	Web Engineering	3			B
2183018				2.62	3.01	
	CS304	Artificial Intelligence	3			C
	CE4723	Cloud Computing	3			C
	CS201	Comp Organization & Assembly Lang	3			B
	CSL201	Comp Organization & Assembly Lang Lab	1			B
	CE4703	Server Operating System	3			A
	CC3514	System Programming	3			C
2183034				2.81	2.61	
	CS304	Artificial Intelligence	3			B
	CE4723	Cloud Computing	3			C
	CS201	Comp Organization & Assembly Lang	3			B
	CSL201	Comp Organization & Assembly Lang Lab	1			B
	CE4703	Server Operating System	3			A
	CC3514	System Programming	3			C
2193098				3.64	3.64	
	CS305	Computer Networks	3			A
	CSL305	Computer Networks Lab	1			A
	CS204	Design & Analysis of Algorithms	3			A
	CS102	Programming Fundamentals	3			A
	CSL102	Programming Fundamentals Lab	1			A
	CE2301	System Analysis and Design	3			B
	CS205	Theory of Automata	3			B
2193099				3.55	3.55	
	CS305	Computer Networks	3			A
	CSL305	Computer Networks Lab	1			A

2193099	CS103	Digital Logic Design	3			A
	CSL103	Digital Logic Design Lab	1			B
	CS102	Programming Fundamentals	3			B
	CSL102	Programming Fundamentals Lab	1			B
	CE4703	Server Operating System	3			A
	CE2301	System Analysis and Design	3			B
2193386				1.66	1.66	
	CS202	Data Structures & Algorithms	3			F
	CSL202	Data Structures & Algorithms Lab	1			B
	CS104	Object Oriented Programming	3			C
	CSL104	Object Oriented Programming Lab	1			F
	CS302	Operating System	3			B
	CSL302	Operating Systems Lab	1			B
	CE2301	System Analysis and Design	3			B
	CS205	Theory of Automata	3			F