

**EK-1 :**  
**Eski ve Yeni Önerilen Programdaki Eşdeğer Dersler Tablosu**

Eski Klasik Program					Yeni Önerilen Program				
Ders Kodu	Ders Adı	T	U	K	Ders Kodu	Ders Adı	T	U	K
CSE100	Introduction to Computers	2	2	3,0	CME1003	Introduction to Computer Engineering	2	2	3,0
CSE101	Algorithms and Programming I	3	2	4,0	CME1001	Algorithms and Programming - I	2	2	3,0
MATH101	Calculus I	4	0	4,0	MATH101	Calculus I	4	0	4,0
PHYS101	Physics I	4	0	4,0	PHYS101	Physics I	4	0	4,0
ENG101	English I	4	0	4,0	CME1006	Technical English	2	0	2,0
TD101	Turkish I	2	0	2,0	TDL1001	Turkish I	2	0	2,0
Aİ101	Ataturk Principles I	2	0	2,0	ATA1001	Ataturk Principles I	2	0	2,0
BE101/102	Physical Education / Fine Arts	0	2	1,0	BDE/GSH 1001/1002	Physical Education / Fine Arts	0	2	1,0
					CME1101	Project Based Learning - I	2	2	3,0

CSE102	Algorithms and Programming II	3	2	4,0	CME1002	Algorithms and Programming - II	2	2	3,0
CSE120	Discrete Computational Structures	3	0	3,0	CME1005	Discrete and Combinatorial Math	3	0	3,0
CSE122	Introduction to Computer Science	2	2	3,0					
MATH102	Calculus II	4	0	4,0	MAT1002	Calculus II	4	0	4,0
PHYS102	Physics II	4	0	4,0	PHY1002	Physics II	4	0	4,0
CSE120	English II	4	0	4,0	CME1006	Technical English	2	0	2,0
TD102	Turkish II	2	0	2,0	TDL1002	Turkish II	2	0	2,0
Aİ102	Ataturk Principles II	2	0	2,0	ATA1002	Ataturk Principles II	2	0	2,0
					CME1102	Project Based Learning - II	2	2	3,0

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Ders Kodu	Ders Adı	T	U	K	Ders Kodu	Ders Adı	T	U	K
CSE220	Data Structures	3	2	4,0	CME2001	Data Structures and Algorithms	2	2	3,0
CSE221	Digital Logic Fundamentals	3	1	3,5	CME2003	Logic Design	2	2	3,0
CSE223	Assembly Language Programming	3	2	4,0					
MATH201	Linear Algebra and Differential Equations	2	1	2,5	CME1004	Linear Algebra	2	0	2,0
					CME2007	Differential Equations	3	0	3,0
					CME2101	Project Based Learning - III	2	2	3,0

CSE300	Probability and Statistics	2	1	2,5	CME2005	Probabiliy and Statistics	2	2	3,0
CSE222	Theory of Computation	3	0	3,0					
CSE224	Programming Languages	3	2	4,0	CME2004	Concept of Programming Languages	2	2	3,0
CSE226	Computer Organization and Architecture	4	0	4,0	CME2006	Computer Architecture	3	2	4,0
					CME2102	Project Based Learning - IV	2	2	3,0

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Ders Kodu	Ders Adı	T	U	K	Ders Kodu	Ders Adı	T	U	K
CSE301	Data and File Structures	3	2	4,0	CME2002	Data Organization and Management	2	2	3,0
CSE303	Operating Systems	3	2	4,0	CME3005	Operating Systems	2	2	3,0
CSE305	Automata and Formal Languages	3	0	3,0	CME3002	Automata and Formal Languages	3	0	3,0
CSE307	Introduction to Digital Electronics	3	0	3,0	CME3008	Circuit Theory and Electronics	3	2	4,0

CSE302	Systems Programming	3	2	4,0					
CSE304	Software Engineering	3	2	4,0	CME3003	Software Engineering	2	2	3,0
CSE306	Database Management Systems	3	2	4,0	CME3001	Database Management Systems	2	2	3,0
					CME3007	Data Communications	2	0	2,0

Eski Klasik Program					Yeni Önerilen Program				
Ders Kodu	Ders Adı	T	U	K	Ders Kodu	Ders Adı	T	U	K
CSE401	Information System Analysis and Design	3	0	3,0	CME3006	Design and Implementation of Information Systems	2	2	3,0
CSE403	Computer Networks	3	0	3,0	CME3004	Computer Networks	3	0	3,0
CSE470	Project Proposal	0	2	1,0	CME4001	Senior Project Proposal	0	2	1,0

CSE400	Senior Project	0	4	2,0	CME4002	Senior Project	0	6	3,0
CSE402	Introduction to Artificial Intelligence	3	0	3,0					
CSE404	System Simulation and Modeling	3	1	3,5					
					CME4003	Principles of Embedded Systems	2	2	3,0

***Klasik Sistemden Önerilen Programa İntibak Edilecek Seçmeli Dersler***

Eski Klasik Program Seçmeli Dersleri					Yeni Önerilen Program Seçmeli Dersleri				
Ders Kodu	Ders Adı	T	U	K	Ders Kodu	Ders Adı	T	U	K
CSE413	Numerical Analysis	3	0	3	CME4401	Numerical Analysis	3	0	3
CSE408	Introduction to Cryptography	2	2	3	CME4402	Introduction to Cryptography	2	2	3
CSE409	Introduction to Machine Learning	2	2	3	CME4403	Introduction to Machine Learning	2	2	3
CSE410	Introduction to Software Verification	2	2	3	CME4404	Introduction to Software Verification	2	2	3
CSE405	Parallel Computing	3	0	3	CME4405	Parallel Computing	2	2	3
CSE414	Multimedia Systems	2	2	3	CME4406	Multimedia Systems	2	2	3
CSE418	Computer Game Design and Programming	2	2	3	CME4407	Computer Game Design and Programming	2	2	3
CSE419	Introduction to Natural Language Processing	2	2	3	CME4408	Introduction to Natural Language Processing	2	2	3
CSE422	Computer Graphics	3	0	3	CME4409	Computer Graphics	2	2	3
CSE431	Introduction to Pattern Recognition	3	0	3	CME4410	Introduction to Pattern Recognition	2	2	3
CSE433	Software Project Management	3	0	3	CME4411	Software Project Management	3	0	3
CSE434	Introduction to Digital Image Processing	2	2	3	CME4412	Introduction to Digital Image Processing	2	2	3
CSE435	Topics in Databases	2	2	3	CME4413	Topics in Databases	2	2	3
CSE446	Advances in Web Technologies	2	2	3	CME4414	Advances in Web Technologies	2	2	3
CSE450	Distributed Databases	3	0	3	CME4415	Distributed Databases	2	2	3
CSE472	Introduction to Data Mining	2	2	3	CME4416	Introduction to Data Mining	2	2	3
CSE411	Analysis of Algorithms	3	0	3	CME4420	Analysis and Design of Algorithms	2	2	3
					CME4417	Simulation and Modeling	2	2	3
					CME4418	Introduction to Artificial Intelligence	2	2	3
					CME4419	Human Computer Interaction	2	2	3
CSE424	Microprocessors	2	2	3	CME4451	Microprocessors	2	2	3
CSE436	Microprocessor Based System Design	2	2	3	CME4452	Microprocessor Based System Design	2	2	3
CSE420	Quality of Service Advancements in IP Networks	3	0	3	CME4453	Quality of Service Advancements in IP Networks	3	0	3
CSE425	Network Services and Applications	3	0	3	CME4454	Network Services and Applications	3	0	3
CSE427	Network Administration and Management	2	2	3	CME4455	Fundamentals of Network Design	2	2	3
CSE432	Reconfigurable Computing	3	0	3	CME4456	Reconfigurable Computing	3	0	3
CSE428	Network Security and E-commerce	2	2	3	CME4457	Network Security	2	2	3