

2025-2026 FALL - MSE4121 Materials Production Laboratory - Weekly Experiment Schedule																
Experiments	The Solid Solution		Reaction/Transformation		Phase Diagrams		Binary Phase Diagrams		Thermal Processing (Heat Treating)		Phase Diagrams		X-ray Diffraction and Scanning		Grain Boundary and Grain Growth	
	Expt. 1 / Ass.	Expt. 2 / Ass.	Expt. 3 / Ass.	Expt. 4 / Ass.	Expt. 5 / Ass.	Expt. 6 / Ass.	Expt. 7 / Ass.	Expt. 8 / Ass.	Expt. 9 / Ass.	Expt. 10 / Ass.	Expt. 11 / Ass.	Expt. 12 / Ass.	Expt. 13 / Ass.	Expt. 14 / Ass.	Expt. 15 / Ass.	Expt. 16 / Ass.
Expt. 1 / Ass.	Assoc. Prof. Dr. Nurettin Arslan	Res. Asst. Dr. Nurettin Arslan	Prof. Dr. Nurettin Arslan	Res. Asst. Dr. Nurettin Arslan	Prof. Dr. Nurettin Arslan	Res. Asst. Dr. Nurettin Arslan	Prof. Dr. Nurettin Arslan	Res. Asst. Dr. Nurettin Arslan	Prof. Dr. Nurettin Arslan	Res. Asst. Dr. Nurettin Arslan	Prof. Dr. Nurettin Arslan	Res. Asst. Dr. Nurettin Arslan	Prof. Dr. Nurettin Arslan	Res. Asst. Dr. Nurettin Arslan	Prof. Dr. Nurettin Arslan	Res. Asst. Dr. Nurettin Arslan
Class / Lab	KMC-118	KMC-118	KMC-118	KMC-118	KMC-118	KMC-118	KMC-118	KMC-118	KMC-118	KMC-118	KMC-118	KMC-118	KMC-118	KMC-118	KMC-118	KMC-118
Laboratory Course Description: Principles of Materials Science and Engineering																
Expt. 1 / Ass.	Expt. 1	Expt. 2	Expt. 3	Expt. 4	Expt. 5	Expt. 6	Expt. 7	Expt. 8	Expt. 9	Expt. 10	Expt. 11	Expt. 12	Expt. 13	Expt. 14	Expt. 15	Expt. 16
Expt. 2 / Ass.	Expt. 1	Expt. 2	Expt. 3	Expt. 4	Expt. 5	Expt. 6	Expt. 7	Expt. 8	Expt. 9	Expt. 10	Expt. 11	Expt. 12	Expt. 13	Expt. 14	Expt. 15	Expt. 16
Expt. 3 / Ass.	Expt. 1	Expt. 2	Expt. 3	Expt. 4	Expt. 5	Expt. 6	Expt. 7	Expt. 8	Expt. 9	Expt. 10	Expt. 11	Expt. 12	Expt. 13	Expt. 14	Expt. 15	Expt. 16
Expt. 4 / Ass.	Expt. 1	Expt. 2	Expt. 3	Expt. 4	Expt. 5	Expt. 6	Expt. 7	Expt. 8	Expt. 9	Expt. 10	Expt. 11	Expt. 12	Expt. 13	Expt. 14	Expt. 15	Expt. 16
Expt. 5 / Ass.	Expt. 1	Expt. 2	Expt. 3	Expt. 4	Expt. 5	Expt. 6	Expt. 7	Expt. 8	Expt. 9	Expt. 10	Expt. 11	Expt. 12	Expt. 13	Expt. 14	Expt. 15	Expt. 16
Expt. 6 / Ass.	Expt. 1	Expt. 2	Expt. 3	Expt. 4	Expt. 5	Expt. 6	Expt. 7	Expt. 8	Expt. 9	Expt. 10	Expt. 11	Expt. 12	Expt. 13	Expt. 14	Expt. 15	Expt. 16
Expt. 7 / Ass.	Expt. 1	Expt. 2	Expt. 3	Expt. 4	Expt. 5	Expt. 6	Expt. 7	Expt. 8	Expt. 9	Expt. 10	Expt. 11	Expt. 12	Expt. 13	Expt. 14	Expt. 15	Expt. 16
Expt. 8 / Ass.	Expt. 1	Expt. 2	Expt. 3	Expt. 4	Expt. 5	Expt. 6	Expt. 7	Expt. 8	Expt. 9	Expt. 10	Expt. 11	Expt. 12	Expt. 13	Expt. 14	Expt. 15	Expt. 16
Expt. 9 / Ass.	Expt. 1	Expt. 2	Expt. 3	Expt. 4	Expt. 5	Expt. 6	Expt. 7	Expt. 8	Expt. 9	Expt. 10	Expt. 11	Expt. 12	Expt. 13	Expt. 14	Expt. 15	Expt. 16
Expt. 10 / Ass.	Expt. 1	Expt. 2	Expt. 3	Expt. 4	Expt. 5	Expt. 6	Expt. 7	Expt. 8	Expt. 9	Expt. 10	Expt. 11	Expt. 12	Expt. 13	Expt. 14	Expt. 15	Expt. 16
Expt. 11 / Ass.	Expt. 1	Expt. 2	Expt. 3	Expt. 4	Expt. 5	Expt. 6	Expt. 7	Expt. 8	Expt. 9	Expt. 10	Expt. 11	Expt. 12	Expt. 13	Expt. 14	Expt. 15	Expt. 16
Expt. 12 / Ass.	Expt. 1	Expt. 2	Expt. 3	Expt. 4	Expt. 5	Expt. 6	Expt. 7	Expt. 8	Expt. 9	Expt. 10	Expt. 11	Expt. 12	Expt. 13	Expt. 14	Expt. 15	Expt. 16
Expt. 13 / Ass.	Expt. 1	Expt. 2	Expt. 3	Expt. 4	Expt. 5	Expt. 6	Expt. 7	Expt. 8	Expt. 9	Expt. 10	Expt. 11	Expt. 12	Expt. 13	Expt. 14	Expt. 15	Expt. 16
Expt. 14 / Ass.	Expt. 1	Expt. 2	Expt. 3	Expt. 4	Expt. 5	Expt. 6	Expt. 7	Expt. 8	Expt. 9	Expt. 10	Expt. 11	Expt. 12	Expt. 13	Expt. 14	Expt. 15	Expt. 16
Expt. 15 / Ass.	Expt. 1	Expt. 2	Expt. 3	Expt. 4	Expt. 5	Expt. 6	Expt. 7	Expt. 8	Expt. 9	Expt. 10	Expt. 11	Expt. 12	Expt. 13	Expt. 14	Expt. 15	Expt. 16
Expt. 16 / Ass.	Expt. 1	Expt. 2	Expt. 3	Expt. 4	Expt. 5	Expt. 6	Expt. 7	Expt. 8	Expt. 9	Expt. 10	Expt. 11	Expt. 12	Expt. 13	Expt. 14	Expt. 15	Expt. 16

Gr-1	Gr-2	Gr-3	Gr-4	Gr-5	Gr-6	Gr-7
E25054903	2005C307	2105C003	2105C015	2105C028	2105C048	2205C021
1805C313	2005C309	2105C004	2105C016	2105C033	2105C049	2205C028
1905C006	2005C310	2105C005	2105C018	2105C034	2205C004	2205C029
2005C001	2005C312	2105C006	2105C019	2105C035	2205C006	2205C033
2005C010	2005C319	2105C007	2105C021	2105C036	2205C007	2205C036
2005C023	2005C326	2105C009	2105C023	2105C038	2205C009	2205C040
2005C030	2005C336	2105C012	2105C024	2105C040	2205C010	2205C030
2005C701	2105C001	2105C013	2105C025	2105C043	2205C018	2205C019
2005C703	2105C002	2105C014	2105C027	2105C044		

#	Student ID	Course Section	Course Enrollment Type	Attendance
1	2205C003	2105C003	2105C003	2105C003
2	2205C004	2105C004	2105C004	2105C004
3	2205C005	2105C005	2105C005	2105C005
4	2205C006	2105C006	2105C006	2105C006
5	2205C007	2105C007	2105C007	2105C007
6	2205C008	2105C008	2105C008	2105C008
7	2205C009	2105C009	2105C009	2105C009
8	2205C010	2105C010	2105C010	2105C010
9	2205C011	2105C011	2105C011	2105C011
10	2205C012	2105C012	2105C012	2105C012
11	2205C013	2105C013	2105C013	2105C013
12	2205C014	2105C014	2105C014	2105C014
13	2205C015	2105C015	2105C015	2105C015
14	2205C016	2105C016	2105C016	2105C016
15	2205C017	2105C017	2105C017	2105C017
16	2205C018	2105C018	2105C018	2105C018
17	2205C019	2105C019	2105C019	2105C019
18	2205C020	2105C020	2105C020	2105C020
19	2205C021	2105C021	2105C021	2105C021
20	2205C022	2105C022	2105C022	2105C022
21	2205C023	2105C023	2105C023	2105C023
22	2205C024	2105C024	2105C024	2105C024
23	2205C025	2105C025	2105C025	2105C025
24	2205C026	2105C026	2105C026	2105C026
25	2205C027	2105C027	2105C027	2105C027
26	2205C028	2105C028	2105C028	2105C028
27	2205C029	2105C029	2105C029	2105C029
28	2205C030	2105C030	2105C030	2105C030
29	2205C031	2105C031	2105C031	2105C031
30	2205C032	2105C032	2105C032	2105C032
31	2205C033	2105C033	2105C033	2105C033
32	2205C034	2105C034	2105C034	2105C034
33	2205C035	2105C035	2105C035	2105C035
34	2205C036	2105C036	2105C036	2105C036
35	2205C037	2105C037	2105C037	2105C037
36	2205C038	2105C038	2105C038	2105C038
37	2205C039	2105C039	2105C039	2105C039
38	2205C040	2105C040	2105C040	2105C040
39	2205C041	2105C041	2105C041	2105C041
40	2205C042	2105C042	2105C042	2105C042
41	2205C043	2105C043	2105C043	2105C043
42	2205C044	2105C044	2105C044	2105C044
43	2205C045	2105C045	2105C045	2105C045
44	2205C046	2105C046	2105C046	2105C046
45	2205C047	2105C047	2105C047	2105C047
46	2205C048	2105C048	2105C048	2105C048
47	2205C049	2105C049	2105C049	2105C049
48	2205C050	2105C050	2105C050	2105C050
49	2205C051	2105C051	2105C051	2105C051
50	2205C052	2105C052	2105C052	2105C052
51	2205C053	2105C053	2105C053	2105C053
52	2205C054	2105C054	2105C054	2105C054
53	2205C055	2105C055	2105C055	2105C055
54	2205C056	2105C056	2105C056	2105C056
55	2205C057	2105C057	2105C057	2105C057
56	2205C058	2105C058	2105C058	2105C058
57	2205C059	2105C059	2105C059	2105C059
58	2205C060	2105C060	2105C060	2105C060
59	2205C061	2105C061	2105C061	2105C061
60	2205C062	2105C062	2105C062	2105C062
61	2205C063	2105C063	2105C063	2105C063
62	2205C064	2105C064	2105C064	2105C064
63	2205C065	2105C065	2105C065	2105C065
64	2205C066	2105C066	2105C066	2105C066
65	2205C067	2105C067	2105C067	2105C067
66	2205C068	2105C068	2105C068	2105C068
67	2205C069	2105C069	2105C069	2105C069
68	2205C070	2105C070	2105C070	2105C070
69	2205C071	2105C071	2105C071	2105C071
70	2205C072	2105C072	2105C072	2105C072
71	2205C073	2105C073	2105C073	2105C073
72	2205C074	2105C074	2105C074	2105C074
73	2205C075	2105C075	2105C075	2105C075
74	2205C076	2105C076	2105C076	2105C076
75	2205C077	2105C077	2105C077	2105C077
76	2205C078	2105C078	2105C078	2105C078
77	2205C079	2105C079	2105C079	2105C079
78	2205C080	2105C080	2105C080	2105C080
79	2205C081	2105C081	2105C081	2105C081
80	2205C082	2105C082	2105C082	2105C082
81	2205C083	2105C083	2105C083	2105C083
82	2205C084	2105C084	2105C084	2105C084
83	2205C085	2105C085	2105C085	2105C085
84	2205C086	2105C086	2105C086	2105C086
85	2205C087	2105C087	2105C087	2105C087
86	2205C088	2105C088	2105C088	2105C088
87	2205C089	2105C089	2105C089	2105C089
88	2205C090	2105C090	2105C090	2105C090
89	2205C091	2105C091	2105C091	2105C091
90	2205C092	2105C092	2105C092	2105C092
91	2205C093	2105C093	2105C093	2105C093
92	2205C094	2105C094	2105C094	2105C094
93	2205C095	2105C095	2105C095	2105C095
94	2205C096	2105C096	2105C096	2105C096
95	2205C097	2105C097	2105C097	2105C097
96	2205C098	2105C098	2105C098	2105C098
97	2205C099	2105C099	2105C099	2105C099
98	2205C100	2105C100	2105C100	2105C100
99	2205C101	2105C101	2105C101	2105C101
100	2205C102	2105C102	2105C102	2105C102