| Construction Materials Groups | | | |
|---|---|---|---|
| Number | Responsbile | Homework Subject | Project task |
| Group 1 | Canberk ÇINAR | High Strength Concrete | 1 |
| Group 2 | Gülnur ALBAYRAK | High Temperature Effect on Concrete | 2 |
| Group 3 | Hacı Bayram BİLGEN | Heavy weight Concrete | 3 |
| Group 4 | Eyüp KÜÇÜKKÖSE | Corrosion | 4 |
| Group 5 | Ahmet Mert İLBASAN | Water reducing and set-controlling admixtures | 5 |
| Group 6 | Kamil YÜN | Abrassion | 6 |
| Group 7 | Bayram ASLAN | Concrete Production in Cold Weather Conditions | 7 |
| Group 8 | Ali SOYLU | Freeze and Thwing Resistance | 8 |
| Group 9 | Berk BARUT | Shotcrete | 9 |
| Group 10 | Atakan KARAKUŞ | Concrete Production in Hot Weather Conditions | 10 |
| Group 11 | Pelin BAYRAM | Air-entraining Admixtures | 11 |
| Group 12 | Muhammed YILMAZ | Light weight Concrete | 12 |
| Group 13 | Ali ZEYBEK | Acid Attack | 13 |
| Group 14 | Furkan HATİPOĞLU | Self Levelling Concrete | 14 |
| Group 15 | Ceylan TURHAN | Roller Compacted Concrete | 15 |
| Group 16 | Berk UYAN | Accelerating Admixtures | 16 |
| Group 17 | Ecved ERSOYSAL | Colour Pigments in Concrete | 17 |

| Project | Effects of fine aggregate ratio on compressive strength |
|---|---|

| Materials (per m3) | |
|---|---|
| Constant Values | |
| Cement | 335kg |
| Coarse Agg. | 896 kg |
| Water | 180 lt |

| Materials (per m3) | | |
|---|---|---|
| Variable Values | | |
| Chem. Ad. | 1st type | %1,0-2,0 |
| Fine Agg. | 740-940-1140 kg | |

| 9 | Project task 1 | |
|---|---|---|
| | 2,7,28 day comp. strength | |
| | Fine agg. | 740 kg |
| | 1st chem. ad. | 3,35 kg |

| 9 | Project task 2 | |
|---|---|---|
| | 2,7,28 day comp. strength | |
| | Fine agg. | 740 kg |
| | 1st chem. ad. | 6,7 kg |

| 6 | Project task 9 | |
|---|---|---|
| | Freeze/thawing 100 cyc. | |
| | Fine agg. | 940 kg |
| | 1st chem. ad. | 3,35 |

| 6 | Project task 10 | |
|---|---|---|
| | Freeze/thawing 100 cyc. | |
| | Fine agg. | 940 kg |
| | 1st chem. ad. | 6,7 |

| 9 | Project task 3 | |
|---|---|---|
| | 2,7,28 day comp. strength | |
| | Fine agg. | 940 kg |
| | 1st chem. ad. | 3,35 kg |

| 9 | Project task 4 | |
|---|---|---|
| | 2,7,28 day comp. strength | |
| | Fine agg. | 940 kg |
| | 1st chem. ad. | 6,7 kg |

| 6 | Project task 11 | |
|---|---|---|
| | Freeze/thawing 100 cyc. | |
| | Fine agg. | 1140 kg |
| | 1st chem. ad. | 3,35 |

| 6 | Project task 12 | |
|---|---|---|
| | Freeze/thawing 100 cyc. | |
| | Fine agg. | 1140 kg |
| | 1st chem. ad. | 6,7 |

| 9 | Project task 5 | |
|---|---|---|
| | 2,7,28 day comp. strength | |
| | Fine agg. | 1140 kg |
| | 1st chem. ad. | 3,35 kg |

| 9 | Project task 6 | |
|---|---|---|
| | 2,7,28 day comp. strength | |
| | Fine agg. | 1140 kg |
| | 1st chem. ad. | 6,7 kg |

| 6 | Project task 13 | |
|---|---|---|
| | Freeze/thawing 150 cyc. | |
| | Fine agg. | 740 kg |
| | 1st chem. ad. | 3,35 |

| 6 | Project task 14 | |
|---|---|---|
| | Freeze/thawing 150 cyc. | |
| | Fine agg. | 740 kg |
| | 1st chem. ad. | 6,7 |

| 6 | Project task 7 | |
|---|---|---|
| | Freeze/thawing 100 cyc. | |
| | Fine agg. | 740 kg |
| | 1st chem. ad. | 3,35 |

| 6 | Project task 8 | |
|---|---|---|
| | Freeze/thawing 100 cyc. | |
| | Fine agg. | 740 kg |
| | 1st chem. ad. | 6,7 |

| 6 | Project task 15 | |
|---|---|---|
| | Freeze/thawing 150 cyc. | |
| | Fine agg. | 940 kg |
| | 1st chem. ad. | 3,35 |

| 6 | Project task 16 | |
|---|---|---|
| | Freeze/thawing 150 cyc. | |
| | Fine agg. | 940 kg |
| | 1st chem. ad. | 6,7 |

| 6 | Project task 17 | |
|---|---|---|
| | Freeze/thawing 150 cyc. | |
| | Fine agg. | 1140 kg |
| | 1st chem. ad. | 3,35 |

| | Project task 17 | |
|---|---|---|
| 6 | Freeze/thawing 150 cyc. | |
| | Fine agg. | 1140 kg |
| | 1st chem. ad. | 6,7 |

**Her grup Ebuberkir ÇUBUK ile irtibata geçip deney yapacağı günü belirleyecektir.**