



Forecasting

Date to Forecast:

09/17/2025

Type of Day:

Exam Period

Weather Details For The Selected Date

Temperature

23.9°C

Temperature

Humidity

66.6%

Humidity Level

Wind Gusts

19.1 km/h

Wind Gust Speed

Wind Speed

21.6 km/h

Wind Speed

Search food by name...

Penne Arrabbiata

PREDICTED PORTIONS

82Min Portions
69Max Portions
93

Model Accuracy Metrics

Metric	Value
MAE	7.11
MAPE	9.2%
RMSE	8.99

Baked Chicken Legs

PREDICTED PORTIONS

79Min Portions
69Max Portions
90

Model Accuracy Metrics

Metric	Value
MAE	6.43
MAPE	8.14%
RMSE	8.06

Peas with Potatoes

PREDICTED PORTIONS

85Min Portions
74Max Portions
95

Model Accuracy Metrics

Metric	Value
MAE	6.38
MAPE	8.23%
RMSE	8.17

Pesto Penne

PREDICTED PORTIONS

49Min Portions
41Max Portions
58

Model Accuracy Metrics

Metric	Value
MAE	5

Rice pilaf

PREDICTED PORTIONS

51Min Portions
42Max Portions
60

Model Accuracy Metrics

Metric	Value
MAE	5.44

Stuffed Peppers

PREDICTED PORTIONS

61Min Portions
38Max Portions
82

Model Accuracy Metrics

Metric	Value
MAE	14.02

MAPE	10.46%
RMSE	6.42

MAPE	11.22%
RMSE	6.68

MAPE	23.21%
RMSE	15.95

Beetroot salad

PREDICTED PORTIONS

52

Min Portions
44

Max Portions
60

Model Accuracy Metrics

Metric	Value
MAE	5.2
MAPE	10.93%
RMSE	6.61

Garlic-Roasted Lamb

PREDICTED PORTIONS

76

Min Portions
66

Max Portions
87

Model Accuracy Metrics

Metric	Value
MAE	6.58
MAPE	8.43%
RMSE	8.3

Baked Meatballs

PREDICTED PORTIONS

86

Min Portions
75

Max Portions
97

Model Accuracy Metrics

Metric	Value
MAE	6.99
MAPE	9.07%
RMSE	8.71

Baked Sausage

PREDICTED PORTIONS

84

Min Portions
73

Max Portions
94

Model Accuracy Metrics

Metric	Value
MAE	6.73
MAPE	8.66%
RMSE	7.97

Carbonara

PREDICTED PORTIONS

73

Min Portions
63

Max Portions
83

Model Accuracy Metrics

Metric	Value
MAE	6.51
MAPE	8.35%
RMSE	8

Chicken Cacciatore

PREDICTED PORTIONS

81

Min Portions
72

Max Portions
89

Model Accuracy Metrics

Metric	Value
MAE	5.86
MAPE	7.46%
RMSE	7.04

Baked Penne

PREDICTED PORTIONS

82

Min Portions
72

Max Portions
92

Model Accuracy Metrics

Metric	Value
MAE	6.26
MAPE	8.05%
RMSE	7.88

Meatballs in Tomato Sauce

PREDICTED PORTIONS

80

Min Portions
69

Max Portions
91

Model Accuracy Metrics

Metric	Value
MAE	6.8
MAPE	8.72%
RMSE	8.38

Moussaka

PREDICTED PORTIONS

65

Min Portions
45

Max Portions
85

Model Accuracy Metrics

Metric	Value
MAE	13.85
MAPE	22.86%
RMSE	15.99

Chicken with Mustard Sauce

PREDICTED PORTIONS

80

Four Cheese Penne

PREDICTED PORTIONS

80

Roasted Pork Chop

PREDICTED PORTIONS

69

Min Portions
70

Max Portions
91

Min Portions
69

Max Portions
91

Min Portions
49

Max Portions
90

Model Accuracy Metrics

Metric	Value
MAE	6.12
MAPE	7.75%
RMSE	7.79

Model Accuracy Metrics

Metric	Value
MAE	6.45
MAPE	8.3%
RMSE	8.23

Model Accuracy Metrics

Metric	Value
MAE	13.99
MAPE	23.55%
RMSE	16.03

Pastitsio

PREDICTED PORTIONS

63

Min Portions
43

Max Portions
84

Model Accuracy Metrics

Metric	Value
MAE	13.59
MAPE	22.22%
RMSE	15.74

Grilled Sausages

PREDICTED PORTIONS

68

Min Portions
47

Max Portions
90

Model Accuracy Metrics

Metric	Value
MAE	14.69
MAPE	24.61%
RMSE	16.92

Margherita Pizza

PREDICTED PORTIONS

51

Min Portions
43

Max Portions
58

Model Accuracy Metrics

Metric	Value
MAE	5.08
MAPE	10.25%
RMSE	6.36

Zucchini fritters

PREDICTED PORTIONS

49

Min Portions
41

Max Portions
57

Model Accuracy Metrics

Metric	Value
MAE	5.39
MAPE	11.48%
RMSE	6.57

Baked fish

PREDICTED PORTIONS

53

Min Portions
46

Max Portions
62

Model Accuracy Metrics

Metric	Value
MAE	5.2
MAPE	10.14%
RMSE	6.42

Ratatouille

PREDICTED PORTIONS

49

Min Portions
39

Max Portions
57

Model Accuracy Metrics

Metric	Value
MAE	5.57
MAPE	11.85%
RMSE	6.9

Neapolitan-style Pasta

PREDICTED PORTIONS

65

Min Portions
45

Max Portions
86

Model Accuracy Metrics

Metric	Value
MAE	14.09
MAPE	23.43%

Turkey Pizza

PREDICTED PORTIONS

50

Min Portions
42

Max Portions
58

Model Accuracy Metrics

Metric	Value
MAE	4.95
MAPE	10.31%

Goulash

PREDICTED PORTIONS

85

Min Portions
73

Max Portions
95

Model Accuracy Metrics

Metric	Value
MAE	6.32
MAPE	8.01%

RMSE

10.27

RMSE

8.26

RMSE

5.08

Penne with Red Sauce

PREDICTED PORTIONS

83Min Portions
72Max Portions
93

Model Accuracy Metrics

Metric	Value
MAE	6.15
MAPE	7.84%
RMSE	7.51

Imam Baildi

PREDICTED PORTIONS

81Min Portions
71Max Portions
92

Model Accuracy Metrics

Metric	Value
MAE	6.35
MAPE	8.06%
RMSE	7.88

Falafel

PREDICTED PORTIONS

47Min Portions
38Max Portions
56

Model Accuracy Metrics

Metric	Value
MAE	5.23
MAPE	10.82%
RMSE	6.65

Boureki

PREDICTED PORTIONS

75Min Portions
54Max Portions
96

Model Accuracy Metrics

Metric	Value
MAE	14.38
MAPE	23.51%
RMSE	16.49

Baked Giant Beans

PREDICTED PORTIONS

88Min Portions
77Max Portions
99

Model Accuracy Metrics

Metric	Value
MAE	7.17
MAPE	8.97%
RMSE	8.79

Penne Alla Crema

PREDICTED PORTIONS

77Min Portions
67Max Portions
88

Model Accuracy Metrics

Metric	Value
MAE	6.61
MAPE	8.33%
RMSE	8.13

Roasted Beef

PREDICTED PORTIONS

82Min Portions
70Max Portions
92

Model Accuracy Metrics

Metric	Value
MAE	6.79
MAPE	8.66%
RMSE	8.17

Couscous

PREDICTED PORTIONS

49Min Portions
42Max Portions
57

Model Accuracy Metrics

Metric	Value
MAE	5.02
MAPE	10.3%
RMSE	6.12

Pasta Souffle with Deli M...

PREDICTED PORTIONS

49Min Portions
41Max Portions
58

Model Accuracy Metrics

Metric	Value
MAE	5.73
MAPE	11.65%
RMSE	7

Stuffed zucchini

PREDICTED PORTIONS

51Min Portions
42Max Portions
66

Onion tart

PREDICTED PORTIONS

50Min Portions
42Max Portions
66

Okra

PREDICTED PORTIONS

78Min Portions
42Max Portions
66

43

59

Model Accuracy Metrics

Metric	Value
MAE	4.89
MAPE	9.9%
RMSE	6.14

42

58

Model Accuracy Metrics

Metric	Value
MAE	4.87
MAPE	10.32%
RMSE	6.18

68

89

Model Accuracy Metrics

Metric	Value
MAE	6.68
MAPE	8.5%
RMSE	8.24

Lasagna with Meat

PREDICTED PORTIONS

77Min Portions
68Max Portions
87**Pasta with Pizzaiola Sauce**

PREDICTED PORTIONS

83Min Portions
73Max Portions
93**Roasted Lamb**

PREDICTED PORTIONS

85Min Portions
73Max Portions
96**Spezzofai**

PREDICTED PORTIONS

48Min Portions
40Max Portions
56**Pizza calzone**

PREDICTED PORTIONS

43Min Portions
34Max Portions
52**Spinach Pie**

PREDICTED PORTIONS

51Min Portions
43Max Portions
60**Mushroom Pizza**

PREDICTED PORTIONS

48Min Portions
40Max Portions
56**Briam**

PREDICTED PORTIONS

66Min Portions
45Max Portions
86**Curry-Roasted Chicken**

PREDICTED PORTIONS

74Min Portions
64Max Portions
84

Model Accuracy Metrics	
Metric	Value
MAE	4.93
MAPE	10.03%

Model Accuracy Metrics	
Metric	Value
MAE	14.24
MAPE	23.78%

Model Accuracy Metrics	
Metric	Value
MAE	6.22
MAPE	7.8%

Greek salad

PREDICTED PORTIONS

49

Min Portions	Max Portions
41	56

Model Accuracy Metrics

Metric	Value
MAE	5.12
MAPE	10.55%
RMSE	6.36

Special Pizza

PREDICTED PORTIONS

53

Min Portions	Max Portions
45	61

Model Accuracy Metrics

Metric	Value
MAE	5.18
MAPE	10.71%
RMSE	6.35

Chicken nuggets

PREDICTED PORTIONS

52

Min Portions	Max Portions
45	59

Model Accuracy Metrics

Metric	Value
MAE	4.59
MAPE	9.53%
RMSE	5.97

Rigatoni Pasta with Toma...

PREDICTED PORTIONS

80

Min Portions	Max Portions
70	90

Model Accuracy Metrics

Metric	Value
MAE	6.98
MAPE	8.85%
RMSE	8.51

Creamy Screw Pasta

PREDICTED PORTIONS

76

Min Portions	Max Portions
67	86

Model Accuracy Metrics

Metric	Value
MAE	5.95
MAPE	7.54%
RMSE	7.55

Pork Souvlaki

PREDICTED PORTIONS

52

Min Portions	Max Portions
44	61

Model Accuracy Metrics

Metric	Value
MAE	4.94
MAPE	10.46%
RMSE	6.39

Tuna salad

PREDICTED PORTIONS

52

Min Portions	Max Portions
43	60

Model Accuracy Metrics

Metric	Value
MAE	5.36
MAPE	11.35%
RMSE	6.53

Chicken Chasseur

PREDICTED PORTIONS

83

Min Portions	Max Portions
73	94

Model Accuracy Metrics

Metric	Value
MAE	6.82
MAPE	8.74%
RMSE	8.41

Roasted Chicken

PREDICTED PORTIONS

80

Min Portions	Max Portions
70	91

Model Accuracy Metrics

Metric	Value
MAE	6.85
MAPE	8.83%
RMSE	8.57

Vesuvio Pizza

PREDICTED PORTIONS

50

Min Portions	Max Portions
41	59

Model Accuracy Metrics

Metric	Value
MAE	5.36
MAPE	11.35%
RMSE	6.53

Cheese Pizza

PREDICTED PORTIONS

50

Min Portions	Max Portions
41	59

Model Accuracy Metrics

Metric	Value
MAE	5.12
MAPE	10.55%
RMSE	6.36

Lentils

PREDICTED PORTIONS

47

Min Portions	Max Portions
39	55

Model Accuracy Metrics

Metric	Value
MAE	4.59
MAPE	9.53%
RMSE	5.97

Model Accuracy Metrics	
Metric	Value
MAE	5.42
MAPE	10.82%
RMSE	6.95

Model Accuracy Metrics	
Metric	Value
MAE	5.31
MAPE	10.73%
RMSE	6.76

Model Accuracy Metrics	
Metric	Value
MAE	5
MAPE	10.25%
RMSE	6.19

Spinach and Feta Pie

PREDICTED PORTIONS

82

Min Portions
70

Max Portions
94

Model Accuracy Metrics	
Metric	Value
MAE	7.22
MAPE	9.27%
RMSE	8.95

Spanish-style Meatballs

PREDICTED PORTIONS

82

Min Portions
71

Max Portions
94

Model Accuracy Metrics	
Metric	Value
MAE	6.8
MAPE	8.87%
RMSE	8.71

Pesto Pasta

PREDICTED PORTIONS

81

Min Portions
70

Max Portions
91

Vegetable Rice

PREDICTED PORTIONS

80

Min Portions
69

Max Portions
91

Model Accuracy Metrics	
Metric	Value
MAE	6.57
MAPE	8.48%
RMSE	8.27

Beef Stew

PREDICTED PORTIONS

80

Min Portions
69

Max Portions
92

Model Accuracy Metrics	
Metric	Value
MAE	7.03
MAPE	9.05%
RMSE	8.75

Pasta with Ground Meat

PREDICTED PORTIONS

81

Min Portions
69

Max Portions
91

Shrimp pasta

PREDICTED PORTIONS

51

Min Portions
43

Max Portions
59

Model Accuracy Metrics	
Metric	Value
MAE	5.16
MAPE	10.67%
RMSE	6.33

Potato gratin

PREDICTED PORTIONS

52

Min Portions
44

Max Portions
60

Model Accuracy Metrics	
Metric	Value
MAE	4.99
MAPE	10.16%
RMSE	6.29

Vegetable Pizza

PREDICTED PORTIONS

54

Min Portions
45

Max Portions
62

Model Accuracy Metrics	
Metric	Value
MAE	5.58
MAPE	11.49%
RMSE	6.98

Pasta Aglio e Olio

PREDICTED PORTIONS

79

Min Portions
69

Max Portions
90

Gemista

PREDICTED PORTIONS

76

Min Portions
65

Max Portions
86

Veggie burger

PREDICTED PORTIONS

54

Min Portions
47

Max Portions
61

Model Accuracy Metrics

Metric	Value
MAE	6.64
MAPE	8.53%
RMSE	8.36

Model Accuracy Metrics

Metric	Value
MAE	6.7
MAPE	8.41%
RMSE	8.27

Model Accuracy Metrics

Metric	Value
MAE	4.61
MAPE	9.61%
RMSE	5.83

Pork Schnitzel

PREDICTED PORTIONS

52

Min Portions
44

Max Portions
61

Rice with peas

PREDICTED PORTIONS

48

Min Portions
40

Max Portions
56

Beef gyros

PREDICTED PORTIONS

51

Min Portions
43

Max Portions
59

Model Accuracy Metrics

Metric	Value
MAE	5.37
MAPE	11.21%
RMSE	6.91

Model Accuracy Metrics

Metric	Value
MAE	4.98
MAPE	10.26%
RMSE	6.24

Model Accuracy Metrics

Metric	Value
MAE	5.21
MAPE	10.69%
RMSE	6.43

Oregano-flavored Sausages

PREDICTED PORTIONS

82

Min Portions
71

Max Portions
92

Tomato soup

PREDICTED PORTIONS

47

Min Portions
38

Max Portions
56

Grilled chicken salad

PREDICTED PORTIONS

51

Min Portions
42

Max Portions
60

Model Accuracy Metrics

Metric	Value
MAE	6.46
MAPE	8.3%
RMSE	8.23

Model Accuracy Metrics

Metric	Value
MAE	5.53
MAPE	11.59%
RMSE	6.82

Model Accuracy Metrics

Metric	Value
MAE	5.22
MAPE	10.56%
RMSE	6.55

Frittata

PREDICTED PORTIONS

45

Min Portions
36

Max Portions
53

Braised Chicken

PREDICTED PORTIONS

81

Min Portions
71

Max Portions
92

Chicken with Sauce Chass...

PREDICTED PORTIONS

77

Min Portions
67

Max Portions
89

Model Accuracy Metrics

Model Accuracy Metrics

Model Accuracy Metrics

Metric	Value
MAE	5.29
MAPE	11.11%
RMSE	6.7

Metric	Value
MAE	6.75
MAPE	8.51%
RMSE	8.31

Metric	Value
MAE	6.41
MAPE	8.14%
RMSE	8.07

Pasta Primavera

PREDICTED PORTIONS

49

Min Portions
41

Max Portions
58

Model Accuracy Metrics

Metric	Value
MAE	5.06
MAPE	10.45%
RMSE	6.43

Pasta Souffle with Mushr...

PREDICTED PORTIONS

48

Min Portions
39

Max Portions
56

Model Accuracy Metrics

Metric	Value
MAE	5.48
MAPE	11.21%
RMSE	6.71

Mustard-Roasted Chicken

PREDICTED PORTIONS

80

Min Portions
69

Max Portions
92

Model Accuracy Metrics

Metric	Value
MAE	6.83
MAPE	8.67%
RMSE	8.53

Baked Omelet

PREDICTED PORTIONS

85

Min Portions
75

Max Portions
94

Model Accuracy Metrics

Metric	Value
MAE	6.21
MAPE	7.77%
RMSE	7.89

Ham and Cheese Pizza

PREDICTED PORTIONS

52

Min Portions
44

Max Portions
60

Model Accuracy Metrics

Metric	Value
MAE	5.08
MAPE	10.48%
RMSE	6.29

Chickpea stew

PREDICTED PORTIONS

51

Min Portions
42

Max Portions
60

Model Accuracy Metrics

Metric	Value
MAE	5.74
MAPE	11.86%
RMSE	6.98

Chicken Caesar salad

PREDICTED PORTIONS

51

Min Portions
43

Max Portions
58

Model Accuracy Metrics

Metric	Value
MAE	4.7
MAPE	9.64%
RMSE	5.94

Bolognese Pasta

PREDICTED PORTIONS

84

Min Portions
73

Max Portions
95

Model Accuracy Metrics

Metric	Value
MAE	6.61
MAPE	8.49%
RMSE	8.46

Braised Chicken Legs

PREDICTED PORTIONS

78

Min Portions
67

Max Portions
90

Model Accuracy Metrics

Metric	Value
MAE	6.82
MAPE	8.8%
RMSE	8.64

Green beans

PREDICTED PORTIONS

51

Min Portions
43

Max Portions
60

Model Accuracy Metrics

Metric	Value
MAE	5.18
MAPE	10.72%
RMSE	6.53

Tzatziki

PREDICTED PORTIONS

50

Min Portions
42

Max Portions
59

Model Accuracy Metrics

Metric	Value
MAE	5.38
MAPE	11.17%
RMSE	6.75



The Polytechnic of Crete has a fully equipped restaurant located in its privately owned facilities in the Polytechnic of Crete in Kounoupidiana Akrotiri. The student club has the ability to serve 250 people at the same time, and its operation and management have been entrusted, following an international tender, to a private contractor.

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