



UNIVERSITY OF ALBERTA
ALBERTA SCHOOL OF BUSINESS

BUEC 311: Business Economics, Organization and Management

Estimating Demand and Supply

Week 5 Slide Pack

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```
library(rgl)
knitr::knit_hooks$set(webgl = hook_webgl)

utility_map<-function(x_max,y_max,u_func,u_vals=0,x_shift=0,y_
                      x_label="Consumption of Good X",
                      y_label="Consumption of Good Y"
                      ){

  #testing
  # u_func <- U
  # u_vals<-0
  # x_max=10
  # y_max=10
  # x_label="Consumption of Good X"
  # y_label="Consumption of Good Y"
  # x_shift=0
```

Introduction

```
U <- function(x,y) (x*y)
utility_map(5,5,U,u_vals = c(2,4,6,8,10),x_shift = -.35,y_shif
```

