mi				44 - 8-	
PIDACE WRITE	an outline	of the main c	ONTENTS OF	The lea	CTILLE

· graph of function fit) O - vow y, t

- boundary a, b

6 Lower

o Riemann Int area under two end points  $\int_{a}^{x} f(t) dt \Omega$ 

=F(x) function of X & [a, b]

Derivative of SFCX) = from

=) I Every cont func. f how antider pative For)

2) connects derivatives and Integrals

· Ego

Please write an outline of the main contents of the lecture.

$$f(x) = \int_{a}^{b}$$

$$F(x) = \begin{cases} 0 & x < q \\ \frac{x-a}{b-a} & D \in x \leq b \\ 1 & x > b \end{cases}$$

· Derive for unif
$$\int_{-\infty}^{x} f = \int_{\alpha}^{x} \frac{1}{b-a} dt = \frac{u}{b-a} \Big|_{\alpha}^{x}$$

$$\frac{e^{bt}-D^{t}}{(b-a)t} \qquad \frac{(b-a)^{2}}{12}$$

Please write an outline of the main contents of the lecture.

Angle from
$$e^{ia} \cdot e^{ib} = (ca + is a)(cos \cdot b + isb)$$

$$e^{i(a+b)} = ca \cdot cb + asasb \cdot a$$

$$e^{i(a+b)} = ca cb + \overline{p} sa sb$$
 Q  
 $(caDb + sa cosb)i$