## **Document 5**

## **JCC OFFICIAL COURSE OUTLINE**

Course Letter/Numb	er <u>N</u>	IAT 151	_ Credits	4	Title	Calculus I		-
Lecture/Discussion	4	hrs/sei	hrs/semester			hrs/semest er	Clinical	hrs/semester
analytic geometry, a logarithmic function old. If the prerequishould be taken or Prerequisite: MAT 14 Knowledge, Skills a 1. Demonstrate graphical, nu 2. Find and sim	e for E the dei ns. The nisite is the pre the pre the ind and Ab under unerica aplify de	nusiness, narivative, to mathemate more that more that erequisite  2.0 minimates studies standing of and symmetrives of the minimates of the m	mathemathe integronatics deposed in two years be retaked in the fundation of the fundation	ics, enal and artments old are to a a a a a a a a a a a a a a a a a a	gineering their ap nt recond then the ensure the ars from this al conce	g and science solications for a mends that the recommendation of success of the course (Educate of calculus (	students algebraid ne prereq ation is t the stude cational (the limit,	s explores introductory plane c, trigonometric, exponential and quisite not be more than two yea that the course placement exam lent.
A. Analyze and rates and are Use analytic 5. Demonstrate  Associate Degree C	s using solve p ea unde geome knowl	the anti-d problems r er a curve. try to unde edge of cu	equiring a erstand th urrent tech ssed in th	pplica e relat nology nis Co	tion of th ionship t as relat urse (T	etween limits, ed to topics in t	derivative the cours	
<ul> <li>ADO 7: Critic</li> <li>Units/topics of Inst.</li> </ul>	cal Thir ruction	iking and I	Problem S	olving		atical reasonin	g	
nstructional Use of	iques vary fr	and Proce om instruc	edures tor to instr ther Tech	ructor, nolog	У	-		nostly lecture and group work.
A graphing calculato homework system.	r is use	d extensiv	ely in this	cours	e. The in	structor may ch	noose to	incorporate the use of an online
Instructional Materi The instructional materi Skills and obilities to	terial fo	r this cour	se consist	s of th		ok and a graphi	ing calcu	lator.
Skills and abilities s  Able to read  —	a lii x an	nited amou average am above average	nt of mater rount of ma	ial terial	At	le to compute		basic, pre-algebraic problems simple algebraic problems higher order mathematical problems
Able to read	mo	itively easy derately diff hnical or so	ficult materi		ſ	le to write		short compositions medium length compositions lengthy compositions

Other necessary

abilities

x keyboard skills/familiar with computer

x computer application

x web navigation

Able to use

technology

The course is a	usually sch	neduled				
Day:	x Fall	x Winter	x Spring			
Evening:	x Fall	Winter	Spring			
Prepared by					Date	· 
Approved by Dept.	•				Date	
Approved by Dean	ı				Date	
Approved by Curr.	Comm.				Date	
(Last names, please)						Form Revised 12/4/00