

2/15/2023 DATE

- REQUIRED COURSE
 ELECTIVE COURSE

- Technology DIVISION
 NEW COURSE
 REVISION

Lake Land College

Course Information Form

COURSE NUMBER:		CET-020		TITLE: (30 Characters Max)		3-Day Aggregate for I.D.O.T.					
SEM CR HRS:	1	Lecture:	1	Lab:	0			ECH:	1		
Course Level:	<input type="checkbox"/> Gen Ed / IAI <input type="checkbox"/> Baccalaureate /Non-IAI		<input type="checkbox"/> Career/Technical <input checked="" type="checkbox"/> Dev Ed/ Not in Degree Audit		Clinical Practicum:	0	SOE/ Internship:	0	SOE ECH:	0	
COURSE PCS #	16 46.0403		IAI Code				Contact Hours (Minutes Per Week)				
Repeatable (Y/N):	N	Pass/Fail (Y/N):	N	Variable Credit (Y/N):	Min:	Max:	16 Wks	50	8 wks	100	
Prerequisites:	NONE										
Catalog Description: (40 Word Limit)	This course prepares a student for the I.D.O.T. Level I Hot Mix Asphalt course (CET-029) or the Portland Cement Concrete Level II course (CET-024).										

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Non-Clinical Internship/ SOE
Stockpiling and Handling	2			
Field Gradation and Sampling	2			
Gradation	7			
Sample Reduction	1			
Written Exam	3			
TOTAL	15	0	0	0

EVALUATION			
QUIZZES	<input type="checkbox"/>	EXAMS	<input checked="" type="checkbox"/>
LAB WORK	<input type="checkbox"/>	PROJECTS	<input type="checkbox"/>
		ORAL PRES	<input type="checkbox"/>
		COMP FINAL	<input type="checkbox"/>
		PAPERS	<input type="checkbox"/>
		OTHER	<input type="checkbox"/>

COURSE MATERIALS	
TITLE:	I.D.O.T. Aggregate Manual
AUTHOR:	I.D.O.T.
PUBLISHER:	
VOLUME/EDITION/URL:	
COPYRIGHT DATE:	

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
Stockpiling and Handling	2	Identify correct stockpiling and handling techniques.
Field Sampling	2	Describe proper field sampling techniques.
Gradation	7	Demonstrate a wet and a dry gradation test according to IDOT specifications.
Sample Reduction	1	Demonstrate proper sample reduction technique.
Exam	3	Demonstrate proficiency in stockpiling, sampling, gradation testing and reporting in accordance with IDOT specifications.
	15	

COURSE OUTCOMES*	At the successful completion of this course, students will be able to:
	<ul style="list-style-type: none"> Demonstrate how to correctly perform a gradation test.
	<ul style="list-style-type: none"> List specifications pertaining to aggregates.
	<ul style="list-style-type: none"> List proper methods of taking an aggregate sample

- Demonstrate how to perform calculations pertaining to aggregate gradations.

- Demonstrate how to perform test procedures related to aggregate field.

* Course Outcomes will be used in the Assessment Software for Outcomes Assessment. Limit to 3 - 5.