

2/16/2023 DATE

- REQUIRED COURSE  
 ELECTIVE COURSE

- Technology DIVISION  
 NEW COURSE  
 REVISION

# Lake Land College

## Course Information Form

COURSE NUMBER:		CET-027		TITLE: (30 Characters Max)				Mixture Aggregate Technician Upgrade			
SEM CR HRS:	1	Lecture:	1	Lab:	0	SOE/ Internship:	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	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:	CET-020										
Catalog Description: (40 Word Limit)	This course serves as an upgrade course for individuals who currently are Mixture Aggregates certified. Upon successful completion, it enables a person to administer the I.D.O.T. QC/QA program for an aggregate producer participating in the Aggregate Gradation Control System.										

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Non-Clinical Internship/ SOE
General Geology of Illinois	2			
Aggregate Production and Beneficiation	2			
Aggregate Quality and Use	2			
Aggregate Technician/Inspector Responsibilities	2			
Aggregate Source Certification Program/ Control Charts	7			
<b>TOTAL</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>

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

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

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
General Geology of Illinois	2	Relate the geology of Illinois to aggregate deposits
Aggregate Production	2	Define aggregate production techniques that affect gradation
Aggregate Quality	2	Interpret I.D.O.T. quality rating system
Technician/Inspector Responsibilities	2	Summarize the inspectors responsibilities
Aggregate Source Certification Program/Control Charts	7	Cover the AGCS Policy Memorandum
	<b>15</b>	

COURSE OUTCOMES*	At the successful completion of this course, students will be able to:
	<ul style="list-style-type: none"> <li>Summarize aggregate production.</li> <li>List specifications pertaining to aggregates.</li> </ul>

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