

Date Submitted: 08/24/23 4:06 pm

Viewing: IEOABS ~~INEGBS~~ : Industrial Engineering and Operations Analytics, Engineering, Bachelor of Science in Industrial Engineering and Operations Analytics Engineering

Last approved: 05/11/22 9:41 am

Last edit: 01/08/24 12:17 pm

Changes proposed by: cassady

Catalog Pages Using this Program

- [Industrial Engineering B.S.I.E.](#)
- [Industrial Engineering \(INEG\)](#)

Submitter: 575-3156 User ID: cassady Phone:

Program Status: Active

Academic Level: Undergraduate

Type of proposal: Major/Field of Study

Select a reason for this modification

Changing Title of an Existing Certificate, Degree, or Major--(LON)

Are you adding a concentration?
No

Are you adding or modifying a track?
No

Are you adding or modifying a focused study?
No

Effective Catalog Year: 08152024

College/School Code: College of Engineering (ENGR)

Department Code

In Workflow

1. ENGR Dean Initial
2. Provost Initial
3. Director of Curriculum Review and Program Assessment
4. Registrar Initial
5. Institutional Research
6. INEG Chair
7. ENGR Curriculum Committee
8. ENGR Faculty
9. ARSC Dean
10. WCOB Dean
11. GRAD Dean
12. ENGR Dean
13. Global Campus
14. Provost Review
15. Undergraduate Council
16. Faculty Senate
17. Provost Final
18. Provost's Office-- Documentation sent to System Office
19. Higher Learning Commission
20. Board of Trustees
21. ADHE Final
22. Provost's Office-- Notification of Approval
23. Registrar Final
24. Catalog Editor Final

Approval Path

Department of Industrial Engineering (INEG)

Program Code IEOABS ~~INEGBS~~

Degree Bachelor of Science in Industrial Engineering and
Operations Analytics

CIP Code

1. 05/03/23 11:12 am
Kevin Hall (kdhall):
Approved for ENGR
Dean Initial
2. 05/08/23 10:37 am
Alice Griffin
(agriffin): Rollback
to Initiator
3. 05/12/23 9:18 am
Kevin Hall (kdhall):
Approved for ENGR
Dean Initial
4. 05/23/23 11:51 am
Alice Griffin
(agriffin): Approved
for Director of
Curriculum Review
and Program
Assessment
5. 05/26/23 8:46 am
Gina Daugherty
(gdaugher):
Approved for
Registrar Initial
6. 05/26/23 8:54 am
Doug Miles
(dmiles): Approved
for Institutional
Research
7. 05/26/23 9:26 am
Ed Pohl (epohl):
Approved for INEG
Chair
8. 08/16/23 12:55 pm
Manuel Rossetti
(rossetti): Rollback
to Initiator
9. 08/16/23 4:27 pm
Kevin Hall (kdhall):
Approved for ENGR
Dean Initial
10. 08/16/23 7:40 pm
Jim Gigantino

- (jgiganti): Approved
for Provost Initial
11. 08/22/23 5:36 pm
Lisa Kulczak
(lkulcza): Rollback to
Initiator
12. 08/25/23 10:20 am
Kevin Hall (kdhall):
Approved for ENGR
Dean Initial
13. 08/25/23 10:28 am
Jim Gigantino
(jgiganti): Approved
for Provost Initial
14. 09/12/23 5:25 pm
Lisa Kulczak
(lkulcza): Approved
for Director of
Curriculum Review
and Program
Assessment
15. 09/13/23 7:52 am
Gina Daugherty
(gdaugher):
Approved for
Registrar Initial
16. 09/13/23 11:38 am
Doug Miles
(dmiles): Approved
for Institutional
Research
17. 09/19/23 11:52 am
Chase Rainwater
(cer): Approved for
INEG Chair
18. 10/05/23 4:44 pm
Manuel Rossetti
(rossetti): Approved
for ENGR
Curriculum
Committee
19. 10/10/23 4:17 pm
Kevin Hall (kdhall):

- Approved for ENGR Faculty
20. 10/11/23 3:09 pm
Christopher Liner
(liner): Approved for ARSC Dean
 21. 10/11/23 3:11 pm
Alan Ellstrand
(aellstra): Approved for WCOB Dean
 22. 10/12/23 7:59 am
Ed Bengtson
(egbengts): Approved for GRAD Dean
 23. 10/13/23 1:52 pm
Kevin Hall (kdhall): Approved for ENGR Dean
 24. 10/13/23 2:56 pm
Suzanne Kenner
(skenner): Approved for Global Campus
 25. 10/14/23 4:17 pm
Jim Gigantino
(jgiganti): Approved for Provost Review
 26. 10/19/23 9:55 am
Lisa Kulczak
(lkulcza): Rollback to Provost Review for Undergraduate Council
 27. 12/15/23 1:47 pm
Matthew Ganio
(msganio): Approved for Provost Review

History

1. Aug 15, 2014 by Leepfrog

- Administrator
(clhelp)
2. Mar 13, 2015 by
Tamara Ellenbecker
(tellenbe)
 3. Apr 3, 2015 by
Tamara Ellenbecker
(tellenbe)
 4. May 16, 2016 by
Tamara Ellenbecker
(tellenbe)
 5. Mar 1, 2017 by
Manuel Rossetti
(rossetti)
 6. May 30, 2017 by
Charlie Alison
(calison)
 7. May 8, 2018 by
cassady
 8. Aug 1, 2018 by
Charlie Alison
(calison)
 9. May 31, 2019 by
Charlie Alison
(calison)
 10. Jan 22, 2021 by
Tamara Ellenbecker
(tellenbe)
 11. May 19, 2021 by
Tamara Ellenbecker
(tellenbe)
 12. Jun 29, 2021 by
Charlie Alison
(calison)
 13. May 11, 2022 by
cassady

14.3501 - Industrial Engineering.

Program Title

Industrial Engineering and Operations Analytics, ~~Engineering~~, Bachelor of Science in Industrial Engineering and Operations Analytics ~~Engineering~~

Program Delivery

Method

On Campus

Is this program interdisciplinary?

No

Does this proposal impact any courses from another College/School?

Yes

College(s)/School(s)

College/School Name
Fulbright College of Arts and Sciences (ARSC)
Walton College of Business (WCOB)
<u>Graduate School and International Education (GRAD)</u>

What are the total hours needed to complete the program? 123

Program Requirements and Description

Requirements

The total graduation requirement in industrial engineering [and operations analytics](#) is 123 hours. For further information please visit the [departmental website](#).

Technical Electives

The purpose of technical electives is to provide students with the opportunity to expand their education along lines of particular interest to them. Each student is responsible for their technical elective program. Students may seek specific advice on technical elective selections from their advisor. Courses satisfying technical elective requirements cannot fulfill more than one [BSIEOA requirement](#). **B.S.I.E.**

requirement. A minimum of 12 credit hours from the approved technical elective course list must be taken to satisfy technical elective requirements for the [BSIEOA](#). **B.S.I.E.** At least 6 of these 12 credit hours must be chosen from [INEG](#), [EMGT](#), [INEG](#) and/or OPAN courses. No more than 3 of these credits may be based in individual/ independent study, no more than [3](#) of these credits may be based [in INEG 410HV, and no more than 3 of these credits may be based in cooperative education](#). **honors thesis (honors thesis courses offered by our department include:**

INEG 400VH), INEG 3812H, and INEG 4812H), and no more than 3 of these credits may be based in cooperative education. Approved Technical Elective Course List

1. Any BENG, BIOL, BMEG, CHEG, CHEM, CVEG, CSCE, [DASC](#), ELEG, [EMGT](#), GNEG, INEG, MATH, MEEG, [OMGT](#), OPAN, and PHYS course that is at the 3000-level or above is approved.

Exceptions are:

[CVEG 45103](#) **CVEG 4513** is not approved.

EMGT 57003 ~~GNEG 3801~~ is not approved.

~~GNEG 3811~~ is approved only if the student has completed at least three semesters of ~~GNEG 3811~~; GNEG 38001

~~INEG 3313~~ is not approved.

GNEG 38101 ~~GNEG 3811~~ is approved only if the student has completed at least three semesters of GNEG 38101.

~~GNEG 3811~~;

INEG 33103 is ~~PHYS 3603~~ is not approved.

MATH 30103 ~~MATH 3013~~ and MATH 31303 ~~MATH 3133~~ are not approved.

OMGT 43203, OMGT 43303, OMGT 48503, OMGT 52503, OMGT 53703, OMGT 54203, OMGT 54603, OMGT 56703,
and OMGT 57803 are not approved.

PHYS 36003 is not approved.

~~PHYS 3603~~ is not approved: 2. Students may count one of MATH 26004 ~~MATH 2574~~ and MATH 25804 ~~MATH 2584~~ as a technical elective.

3. Courses at the 3000-level or above that are explicitly listed (not part of a blanket statement like "... 3000-to- 4000-level ...") in the Catalog of Studies under Minors for Non-Business Students are approved.

Exception:

ISYS 33903 ~~ISYS 3393~~ is not approved if the student is also seeking technical elective credit for INEG 46803.

~~INEG 4683~~;

4. Courses at the 3000-level or above that are explicitly listed on the Sustainability Minor Courses website under Natural, Managed, or Built Systems are approved.

5. Courses at the 3000-level or above that are explicitly listed in the Catalog of Studies in the Analytics group for the Data Analytics Minor are approved.

6. GEOS courses at the 3000-level or above that are explicitly listed in the Catalog of Studies in the Data Science BS with Geospatial Data Analytics Concentration are approved.

7. 6-Additional approved courses are EXSC 31503, EXSC 33503, ~~EXSC 3153,~~ ~~EXSC 3353,~~ and HNRS 401H3.

~~HNRC 4013H~~;

8-Semester Plan

~~Industrial Engineering B.S.I.E.~~ Industrial Engineering and Operations Analytics BSIEOA

Eight-Semester Degree Program

The following section contains the list of courses required for the Bachelor of Science in Industrial Engineering and Operations Analytics ~~Industrial Engineering~~ degree and ~~and~~ a suggested sequence. Not all courses are offered every semester, so students who deviate from the suggested sequence must pay careful attention to course scheduling and course prerequisites. Students wishing to follow the eight-semester degree plan should see the Eight-Semester Degree Policy in the Academic Regulations chapter for university requirements of the program. Students are required to complete 40 hours of upper division courses (3000-4000 level). It is recommended that students consult with their adviser when making course selections.

First Year		Units
		Fall/Spring
GNEG 1111	Course GNEG 1111 Not Found	1 -
MATH 2554	Course MATH 2554 Not Found (Satisfies General Education Outcome 2.1)¹	4 -
CHEM 1103	Course CHEM 1103 Not Found	3 -
ENGL 1013	Course ENGL 1013 Not Found (Satisfies General Education Outcome 1.1)¹	3 -
<u>GNEG 11101</u>	<u>Introduction to Engineering I</u>	<u>1 =</u>
<u>MATH 24004</u>	<u>Calculus I (ACTS Equivalency = MATH 2405) (Satisfies General Education Outcome 2.1)¹</u>	<u>4 =</u>
<u>CHEM 14103</u>	<u>University Chemistry I (ACTS Equivalency = CHEM 1414 Lecture)</u>	<u>3 =</u>
<u>ENGL 10103</u>	<u>Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1)¹</u>	<u>3 =</u>
Select one of the following courses to satisfy General Education Outcomes 3.3 and 4.2: ¹		3
HIST 2013	Course HIST 2013 Not Found	
HIST 2003	Course HIST 2003 Not Found	
PLSC 2003	Course PLSC 2003 Not Found	
<u>HIST 20103 History of the American People, 1877 to Present (ACTS Equivalency = HIST 2123)</u>		
<u>HIST 20003 History of the American People to 1877 (ACTS Equivalency = HIST 2113)</u>		
<u>PLSC 20003 American National Government (ACTS Equivalency = PLSC 2003)</u>		
GNEG 1121	Course GNEG 1121 Not Found	- 1
MATH 2564	Course MATH 2564 Not Found	- 4
ENGL 1033	Course ENGL 1033 Not Found (Satisfies General Education Outcome 1.2)^{1,2}	- 3
<u>GNEG 11201</u>	<u>Introduction to Engineering II</u>	<u>= 1</u>
<u>MATH 25004</u>	<u>Calculus II</u>	<u>= 4</u>
<u>ENGL 10303</u>	<u>Technical Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.2)^{1,2}</u>	<u>= 3</u>
BIOL 1543/1541L or CHEM 1123/1121L or GEOS 1113/1111L or PHYS 2074		4
PHYS 2054	Course PHYS 2054 Not Found (Satisfies General Education Outcome 3.4)¹	- 4
<u>PHYS 20304</u>	<u>University Physics I (ACTS Equivalency = PHYS 2034) (Satisfies General Education Outcome 3.4)¹</u>	<u>= 4</u>

Year Total:		14	16
Second Year		Units	
		Fall	Spring
INEG 2001	Course INEG 2001 Not Found	1	-
INEG 2103	Course INEG 2103 Not Found	3	-
INEG 2214	Course INEG 2214 Not Found	4	-
INEG 2314	Course INEG 2314 Not Found	4	-
<u>INEG 20001 Industrial Engineering Seminar</u>		<u>1</u>	<u>=</u>
<u>INEG 21003 Introduction to Industrial Engineering</u>		<u>3</u>	<u>=</u>
<u>INEG 22104 Computing Methods for Industrial Engineers I</u>		<u>4</u>	<u>=</u>
<u>INEG 23104 Statistics for Industrial Engineers I</u>		<u>4</u>	<u>=</u>
Math Elective: Choose one of the following		3	
MATH 2574	Course MATH 2574 Not Found		
MATH 2574C	Course MATH 2574C Not Found		
MATH 2574H	Course MATH 2574H Not Found		
MATH 2584C	Course MATH 2584C Not Found		
MATH 2584H	Course MATH 2584H Not Found		
MATH 2603	Course MATH 2603 Not Found		
MATH 3083	Course MATH 3083 Not Found		
<u>MATH 26004 Calculus III</u>			
<u>MATH 26004 Calculus III</u>			
<u>MATH 260H4 Honors Calculus III</u>			
<u>MATH 25804 Elementary Differential Equations</u>			
<u>MATH 258H4 Honors Elementary Differential Equations</u>			
<u>MATH 26103 Discrete Mathematics</u>			
<u>MATH 30803 Linear Algebra</u>			
INEG 2223	Course INEG 2223 Not Found	-	3
INEG 2323	Course INEG 2323 Not Found	-	3
INEG 2413	Course INEG 2413 Not Found	-	3
INEG 2613	Course INEG 2613 Not Found	-	3
ACCT 2403	Course ACCT 2403 Not Found	-	3
<u>INEG 22203 Computing Methods for Industrial Engineers II</u>		<u>=</u>	<u>3</u>
<u>INEG 23203 Probability and Stochastic Processes for Industrial Engineers</u>		<u>=</u>	<u>3</u>
<u>INEG 24103 Engineering Economic Analysis</u>		<u>=</u>	<u>3</u>
<u>INEG 26103 Introduction to Operations Research</u>		<u>=</u>	<u>3</u>
<u>ACCT 24003 Accounting Fundamentals for Planning and Control</u>		<u>=</u>	<u>3</u>
Year Total:		15	15

Third Year		Units	
		Fall	Spring
INEG 3333	Course INEG 3333 Not Found	3	-
INEG 3443	Course INEG 3443 Not Found	3	-

INEG 3543 Course INEG 3543 Not Found	3	-
INEG 3624 Course INEG 3624 Not Found	4	-
<u>INEG 33303 Statistics for Industrial Engineers II</u>	<u>3</u>	=
<u>INEG 34403 Project Management</u>	<u>3</u>	=
<u>INEG 35403 Facility Logistics</u>	<u>3</u>	=
<u>INEG 36204 Simulation</u>	<u>4</u>	=
Select one of the following two options to satisfy General Education Outcome 3.3: ¹	3	
ECON 2143 Course ECON 2143 Not Found		
<u>ECON 21403 Basic Economics: Theory and Practice</u>		
or		
ECON 2013 Course ECON 2013 Not Found	-	-
& ECON 2023 Course ECON 2023 Not Found		
<u>ECON 21003 Principles of Macroeconomics (ACTS Equivalency = ECON 2103)</u>	=	=
<u>& ECON 22003 Principles of Microeconomics (ACTS Equivalency = ECON 2203)</u>		
INEG 3553 Course INEG 3553 Not Found	-	3
INEG 3533 Course INEG 3533 Not Found	-	3
INEG 3714 Course INEG 3714 Not Found	-	4
INEG 3833 Course INEG 3833 Not Found	-	3
<u>INEG 35503 Production Planning and Control</u>	=	<u>3</u>
<u>INEG 35303 Transportation Logistics</u>	=	<u>3</u>
<u>INEG 37104 Work Methods and Ergonomics</u>	=	<u>4</u>
<u>INEG 38303 Introduction to Database Concepts for Industrial Engineers</u>	=	<u>3</u>
Social Science Elective - Choose a course that satisfies General Education Outcomes 3.3 and 4.1. ¹	3	
Year Total:	16	16
Fourth Year		Units
		FallSpring
INEG 4433 Course INEG 4433 Not Found	3	-
INEG 4913 Course INEG 4913 Not Found	3	-
<u>INEG 44303 Systems Engineering and Management</u>	<u>3</u>	=
<u>INEG 49103 Industrial Engineering Capstone Experience I</u>	<u>3</u>	=
Two Technical Electives	6	
Social Sciences Elective ¹	3	
INEG 4924 Course INEG 4924 Not Found (Satisfies General Education Outcome 6.1) ¹	-	4
<u>INEG 49204 Industrial Engineering Capstone Experience II (Satisfies General Education Outcome 6.1)¹</u>	=	<u>4</u>
Two Technical Electives	6	
Fine Arts Elective - Choose a course that satisfies General Education Outcome 3.1. ¹	3	
Humanities Elective - Choose a course that satisfies General Education Outcomes 3.2 and 5.1. ¹	3	
Year Total:	15	16
Total Units in Sequence:		123
¹		
Students must complete the <u>State Minimum Core requirements</u> as outlined in the Catalog of Studies. The courses that meet the state minimum core also fulfill many of the university's <u>General Education requirements</u> , although		

there are additional considerations to satisfy the general education learning outcomes. Students are encouraged to consult with their academic adviser when making course selections.

²

Students who enter the university with credit for [ENGL 10203](#) are not required to complete [ENGL 10303](#). Students who enter the university with exemption from [ENGL 10203](#) are encouraged to take [ENGL 10303](#).

Are Similar Programs available in the area?

No

Estimated Student 250

Demand for Program

Scheduled Program 2026-2027

Review Date

Program Goals and

Objectives

Program Goals and Objectives

Within 3-5 years of graduation, graduates of the University of Arkansas undergraduate program in industrial engineering [and operations analytics](#) will have:

1. successfully applied core industrial engineering [knowledge](#) and [operations analytics knowledge and](#) skills for industrial or public sector organizations,
2. successfully pursued advanced professional degrees, graduate studies in industrial [engineering and operations analytics](#), [engineering](#), professional development, or [engineering engineering](#) certification, [and and](#)
3. demonstrated ongoing professional and intellectual growth as managers and leaders in industrial [engineering engineering, society](#), and [operations analytics, society, and](#) their communities.

Learning Outcomes

Learning Outcomes

Upon graduation, students receiving the [BSIEOA BSIE](#) possess:

- (1) an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
- (2) an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
- (3) an ability to communicate effectively with a range of audiences
- (4) an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
- (5) an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
- (6) an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- (7) an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

Description and justification of the request

Description of specific change	Justification for this change
<p>We are updating the name of our undergraduate major and degree from Industrial Engineering to Industrial Engineering and Operations Analytics.</p> <p>In addition: (1) We are updating our students' technical elective options. (2) We are adjusting one of the state minimum core social sciences elective because we no longer need it to satisfy the requirements associated with General Education Outcome 3.3.</p>	<p>First, regarding the name change ...</p> <p>For decades, industrial engineers have been recognized and valued for their skills in the design and improvement of the operations of systems of people, equipment, and information in a wide variety of industries including transportation, retail, healthcare, and production. In fact, the disciplines of operations research and operations management have long been associated with industrial engineering. Here in the Department of Industrial Engineering at the University of Arkansas, we used to offer a graduate degree in Operations Research, and for many years, we have managed a very successful graduate program in Operations Management.</p> <p>With recent advances in computing power, industrial engineers have become more skilled in applying the tools of analytics to operations design and improvement efforts. In this context, analytics refers to the use of data-driven models to describe past performance of industrial systems, to predict the future behavior of industrial systems, and to prescribe policies and procedures for operating industrial systems. The analytics tools that are part of the modern industrial engineering skillset include traditional statistical models, artificial intelligence techniques, mathematical optimization models, and computer simulation models. In addition, the modern industrial engineer is expected to have the computing skills required to implement these models quickly and effectively.</p> <p>Recently, the recognition and use of the tools of analytics have rapidly become widespread. Industrial engineers skilled in analytics are highly sought after in many industries, and analytics are becoming widely used in new areas such as politics and sports. Because of the high demand for</p>

Description of specific change	Justification for this change
	<p>engineers skilled in the tools of analytics and industrial engineering's long history in operations analysis, engineering, and improvement, our department recently created a new graduate program in Operations Analytics.</p> <p>Motivated by the analytics needs of our industrial stakeholders, our department recently overhauled the curriculum for the Bachelor of Science in Industrial Engineering. The new curriculum has an increased emphasis on computing, a more modern approach to data analysis, earlier training in mathematical modeling, and more application-driven courses in operations analysis, engineering, and improvement. The new curriculum has been well received by our students, our alumni, employers of our graduates, and our colleagues at other academic institutions.</p> <p>Therefore, to more appropriately capture the education our undergraduates now receive, we propose renaming our undergraduate degree the Bachelor of Science in Industrial Engineering and Operations Analytics and our undergraduate major Industrial Engineering and Operations Analytics.</p> <p>Regarding the two additional changes ...</p> <p>We want to clarify students' options regarding the honors thesis. We want to give our students some additional options.</p> <p>Because of additions to the list of courses approved for General Education Outcome 3.3, we no longer need our year 4, semester 1, state minimum core social sciences elective to satisfy General Education Outcome 3.3.</p>

Upload attachments

[INEGBS - Name Change - Ltr of Notification.pdf](#)

[Letter of Notification Attachment.docx](#)

[IEOABS - Title Change - Ltr of Notification_Rev_BOT.pdf](#)

Reviewer Comments

Alice Griffin (agriffin) (05/08/23 9:39 am): Hyperlinked OMGT courses listed under Approved Technical Electives, item 1.

Alice Griffin (agriffin) (05/08/23 10:37 am): Rollback: Unfortunately, this request does not qualify for the shortened approval process as it includes courses from ARSC and the Graduate School. Please change the reason for the modification to "making minor changes" and revise the list of colleges that this proposal impacts. (This action will impact the approval workflow.) Also change effective date to fall 2024, because it is too late to complete approval for fall 2023.

Alice Griffin (agriffin) (05/23/23 8:06 am): Added 3.3 to US History or Government option in year one fall semester at request of submitter.

Alice Griffin (agriffin) (05/23/23 11:50 am): Cleaned up language in description and justification with input from submitter.

Manuel Rossetti (rossetti) (08/16/23 12:55 pm): Rollback: To add name change

Lisa Kulczak (lkulcza) (08/22/23 5:36 pm): Rollback: Please adjust the degree (credential) being awarded. You will need to reach out to Gina Daugherty in the Registrar's Office to request the addition of a Bachelor of Science in Industrial Engineering and Operations Analytics in the list of degrees in the drop-down menu.

Lisa Kulczak (lkulcza) (09/13/23 10:38 am): Uploaded revised/renamed LON.

Lisa Kulczak (lkulcza) (10/19/23 9:55 am): Rollback: Per request from Vice Chancellor.

Lisa Kulczak (lkulcza) (10/26/23 5:08 pm): Uploaded revised LON with appropriate approval dates.

Lisa Kulczak (lkulcza) (01/08/24 12:17 pm): Uploaded revised Letter of Notification (rev 1/8/2024).