

## **Advanced Opportunities / Fast Forward and the GEM Framework**

The intent of this correspondence is to articulate the unintended consequences of the language proposed impacting Idaho Code 33-4602 (Advanced Opportunities). While the proposed changes to this statute emerged from the recently convened dual credit workgroup recommendation to “focus on the GEM framework”; the proposed solution may limit valuable dual credit opportunities for students and will have limited impact on realizing the recommendation. The following points are offered to inform the Board’s action on this topic:

- FY16 data reflects that 68% of dual credit courses paid for by Advanced Opportunities align with the GEM framework.
- Non-GEM courses paid for by Advanced Opportunities are primarily Career & Technical Education (CTE) courses, Foreign Languages, and Foundations.
- The proposed language would increase barriers for students interested in CTE coursework and for those interested in earning the non-GEM credits required for Associate’s or Bachelor’s degrees.
- The proposed language may result in disrupted equity for students in rural districts with few dual credit offerings due to increased requirements for non-GEM courses.
- While a course may be reflected as GEM from a dual credit provider, the same course does not always transfer to another institution as GEM. The proposed language does not address this issue.

Focusing on the GEM framework is merited; however rather than limiting opportunities for Idaho students interested in dual credit, a more impactful solution would be to inform and educate the field by developing in-depth training opportunities for administrators, counselors, and career advisors as they become fluent in their use of GEM framework. There are numerous opportunities to provide GEM framework training to the field through Advanced Opportunities events and other agency trainings who partner in College and Career Readiness. Additionally, user-friendly advising materials around the GEM framework must be developed and distributed statewide to students, families, and school; including clarity on how GEM credits transfer between institutions. Efforts to inform the field will be more effective in focusing course pathways than adding limiting language in statute.

## GEM Alignment with Advanced Opportunities Funding

GEM Type	Headcount
Humanistic and Artistic Ways of Knowing	1,635
Mathematical Ways of Knowing	1,932
Oral Communication	633
Scientific Ways of Knowing	1,361
Social and Behavioral Ways of Knowing	3,889
Written Communication	1,453
<b>Total GEM Courses:</b>	<b>10,903</b>
Private Institutions	1,179
Non-GEM Courses	3,913
<b>Total Courses:</b>	<b>15,995</b>

## Top 10 Non-GEM Courses at Each Institution

### Boise State

Course Title	Headcount
ACAD 101 Academic Success	184
KINES 220 Kinesiology	156
HLTHST101 Health Studies	69
KINES 121 Kinesiology	54
ITM 105 Information Technology Management	36
ITM 104 Information Technology Management	35
ITM 106 Information Technology Management	31
ACAD 108 Academic Success	21
ACCT 205 Accounting	19
ACAD 100 High School to College Transition	18
<b>Total for Institution</b>	<b>752</b>

### College of Southern Idaho

Course Title	Headcount
ALLH 101 Medical Terminology	198
ALLH 202 Introduction to Allied Health	176
NURA 285 Certified Nursing Assistant	67
FINA 102 Personal Finance	44
HLTH 155 Health & Wellness	40
EMEM 102 Emergency Medical Technician	32
MATH 144 Trigonometry	32
AGRI 109 Principles of Animal Science	29
BIOL 105 Human Structure & Function	27
BUSA 215 Introduction to Information Science	21
<b>Total for Institution</b>	<b>814</b>

### College of Western Idaho

Course Title	Headcount
CWID 101 Connecting with Ideas	67
HACT 115 Beginning Strength Training	42
FINA 102 Personal Finance	33
MATH 144 Trigonometry	33
HACT 103 Lifetime Activities	29
ENGL 202 Technical Communication	27
AGRI 104 Agriculture Management	20
ARTS 105 Design 1	12
BUSA 101 Introduction to Business	12
ALLH 202 Introduction to Allied Health	9
<b>Total for Institution</b>	<b>358</b>

### Idaho State University

Course Title	Headcount
ENGL 1101 English Composition Plus	343
PE 2243 Anatomical Foundations of Human Activity	239
HIST 1120 Global History	47
PE 2237 Activity Performance Techniques III	42
BIOL 1102/1102L Biology II/Lab	30
SPAN 2210 Spanish for Health Care I	20
PE 2222 First Aid CPR and Sport Safety	18
SPAN 2211 Spanish for Health Care II	16
HE 2221 Intro to Health Education	10
CFS 1120 Personal Economics	9
<b>Total for Institution</b>	<b>832</b>

### Lewis & Clark State College

Course Title	Headcount
SD 120 Career Exploration	54
ECON 101 Contemporary Economics	26
SPAN 102 Elementary Spanish	15
SD 100 Introduction to College Studies	14
KIN 262 Skills and Analysis: Field Sports	10
NS 100 Introduction to Environmental Science	8
SD 221 Advanced Introduction to College Studies	8
KIN 248 Sports Medicine	7
KIN 130 Strength Training	4
NP 109 Nez Perce Language Lab	3
<b>Total for Institution</b>	<b>148</b>

### North Idaho College

Course Title	Headcount
SPAN 102 Elementary Spanish II	35
MATH 108 Intermediate Algebra	24
SPAN 202 Intermediate Spanish	15
CADT 104 CAD Graphics 1	12
CSC 105 College Study Skills	12
ALTH 130 Certified Nursing Assistant	10
CAOT 179 Medical Terminology	8
CS 100 Intro to Computer Science	8
POLS 275 State and Local Government	8
PE 110 Strength Training	6
<b>Total for Institution</b>	<b>340</b>

### University of Idaho

Course Title	Headcount
ENGL 101	364
SPAN 301 Spanish Advanced Grammar	74
MATH 144 Trigonometry	65
SPAN 201 Intermediate Spanish I	25
SPAN 202 Intermediate Spanish II	24
SPAN 302 Advanced Composition	22
PLSC 201 Intro to Horticulture	17
ART 111 Drawing I	15
EDCI 201 Contexts of Education	12
SPAN 102 Elementary Spanish II	9
<b>Total for Institution</b>	<b>669</b>

Note: Each list identifies only the top 10 Non-GEM Courses paid by Advanced Opportunities at each institution. These courses will not add up the total sum provided for each institution. A comprehensive list of courses for each institution is available upon request.

## GEM Category by Institution

### Boise State University

GEM Category	Headcount
Humanistic and Artistic Ways of Knowing	316
Mathematical Ways of Knowing	330
Oral Communication	0
Scientific Ways of Knowing	398
Social and Behavioral Ways of Knowing	568
Written Communication	405
**Non-GEM	752
<b>Total</b>	<b>2769</b>

### College of Southern Idaho

GEM Category	Headcount
Humanistic and Artistic Ways of Knowing	118
Mathematical Ways of Knowing	430
Oral Communication	143
Scientific Ways of Knowing	235
Social and Behavioral Ways of Knowing	1206
Written Communication	328
**Non-GEM	814
<b>Total</b>	<b>3274</b>

### College of Western Idaho

GEM Category	Headcount
Humanistic and Artistic Ways of Knowing	308
Mathematical Ways of Knowing	438
Oral Communication	169
Scientific Ways of Knowing	316
Social and Behavioral Ways of Knowing	910
Written Communication	377
**Non-GEM	358
<b>Total</b>	<b>2876</b>

### Idaho State University

GEM Category	Headcount
Humanistic and Artistic Ways of Knowing	396
Mathematical Ways of Knowing	309
Oral Communication	106
Scientific Ways of Knowing	232
Social and Behavioral Ways of Knowing	517
Written Communication	36
**Non-GEM	832
<b>Total</b>	<b>2428</b>

### Lewis & Clark State College

GEM Category	Headcount
Humanistic and Artistic Ways of Knowing	16
Mathematical Ways of Knowing	160
Oral Communication	46
Scientific Ways of Knowing	51
Social and Behavioral Ways of Knowing	281
Written Communication	27
**Non-GEM	148
<b>Total</b>	<b>729</b>

### North Idaho College

GEM Category	Headcount
Humanistic and Artistic Ways of Knowing	99
Mathematical Ways of Knowing	110
Oral Communication	139
Scientific Ways of Knowing	79
Social and Behavioral Ways of Knowing	280
Written Communication	280
**Non-GEM	340
<b>Total</b>	<b>1327</b>

### University of Idaho

GEM Category	Headcount
Humanistic and Artistic Ways of Knowing	382
Mathematical Ways of Knowing	155
Oral Communication	30
Scientific Ways of Knowing	50
Social and Behavioral Ways of Knowing	127
Written Communication	0
**Non-GEM	669
<b>Total</b>	<b>1413</b>