HOUSE BILL NO. 99

INTRODUCED BY BRADLEY, MONTAYNE, PATTERSON, CONNELLY, PAVLOVICH

IN THE HOUSE

January	7, 3	1985		Introduced and referred to Committee on Education and Cultural Resources.
January	10,	1985		On motion, Representatives Montayne, Patterson, Connelly, and Pavlovich added as additional sponsors.
January	17,	1985		Committee recommend bill do pass as amended. Report adopted.
				Bill printed and placed on members' desks.
January	19,	1985		Second reading, do pass.
				Considered correctly engrossed.
January	21,	1985		Third reading, passed. Transmitted to Senate.
			IN THE	SENATE
January	22,	1985		Introduced and referred to Committee on Education and Cultural Resources.
February	₇ 5,	1985		Committee recommend bill be concurred in as amended. Report adopted.
February	76,	1985		Second reading, concurred in.
February	7 8 ,	1985		Third reading, concurred in. Ayes, 48; Noes, 0.
				Returned to House with amendments.

IN THE HOUSE

February	11, 1985	Received from Senate.
March 5,	1985	Second reading, amendments concurred in.
March 6,	1985	Third reading, amendments concurred in.
		Sent to enrolling.
		Reported correctly enrolled.

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LC 0594/01

49th Legislature

LC 0594/01

HOUSE BILL NO. 99 1 2 INTRODUCED BY BRADLEY 3 A BILL FOR AN ACT ENTITLED: "AN ACT ALLOWING A PERSON WITH 4 5 ENGINEERING TECHNOLOGY TRAINING TO QUALIFY FOR CERTIFICATION AS AN ENGINEER-IN-TRAINING: REMOVING A CURRICULUM APPROVAL 6 7 REQUIREMENT; AND AMENDING SECTION 37-67-307, MCA." 8 9 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MONTANA: Section 1. Section 37-67-307, MCA, is amended to read: 10 11 "37-67-307. Qualifications of applicant for 12 registration as engineer-in-training. The following shall be 13 considered as minimum evidence that the applicant is qualified for certification as an engineer-in-training: 14 (1) A graduate of an engineering or engineering 15 technology curriculum of 4 years or more₇-approved-by-the 16 board-as-being-of-satisfactory-standing, shall be admitted 17 to an 8-hour written examination in the fundamentals of 18 19 engineering. Upon passing such examination, the applicant shall be certified or enrolled as an engineer-in-training if 20 he is otherwise qualified. 21 (2) A graduate of an-engineering-or a related science 22 23 curriculum of 4 years or more, other than the-ones-approved 24 by--the--board-as-being-satisfactory-standing engineering or engineering technology, with a specific record of 4 or more 25

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years of progressive experience on engineering projects of a grade and character satisfactory to the board shall be admitted to an 8-hour written examination in the fundamentals of engineering. Upon passing such examination, the applicant shall be certified or enrolled as an engineer-in-training if he is otherwise gualified."

NEW SECTION. Section 2. Extension of authority. Any
existing authority of the board of professional engineers
and land surveyors to make rules on the subject of the
provisions of this act is extended to the provisions of this
act.

-End-



HB 0099/02

APPROVED BY COMM. ON EDUCATION AND CULTURAL RESOURCES

1	HOUSE BILL NO. 99
2	INTRODUCED BY BRADLEY, MONTAYNE,
3	PATTERSON, CONNELLY, PAVLOVICH
4	
5	A BILL FOR AN ACT ENTITLED: "AN ACT ALLOWING A PERSON WITH
6	ENGINEERING TECHNOLOGY TRAINING TO QUALIFY FOR CERTIFICATION
7	AS AN ENGINEER-IN-TRAINING; REMOVING-A-CURRICULUM-APPROVAL
8	REGUIREMENT; AND AMENDING SECTION 37-67-307, MCA; AND
9	PROVIDING AN IMMEDIATE EFFECTIVE DATE."
10	
11	BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MONTANA:
12	Section 1. Section 37-67-307, MCA, is amended to read:
13	"37-67-307. Qualifications of applicant for
14	registration as engineer-in-training. The following shall be
15	considered as minimum evidence that the applicant is
16	qualified for certification as an engineer-in-training:
17	(1) A graduate of an engineering or engineering
18	<u>technology</u> curriculum of 4 years or moreapprovedbythe
19	boardasbeingof-satisfactory-standing; <u>, APPROVED BY THE</u>
20	BOARD AS BEING OF SATISFACTORY STANDING, shall be admitted
21	to an 8-hour written examination in the fundamentals of
22	engineering. Upon passing such examination, the applicant
23	shall be certified or enrolled as an engineer-in-training if
24	he is otherwise qualified.

25

(2) A graduate of an-engineering-or a related science

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curriculum of 4 years or more, other than the-ones--approved 1 by--the--board-as-being-satisfactory-standing engineering or 2 engineering technology, with a specific record of 4 or more 3 4 years of progressive experience on engineering projects of a grade and character satisfactory to the board shall be 5 б admitted to an 8-hour written examination in the 7 fundamentals of engineering. Upon passing such examination, 8 the applicant shall be certified or enrolled as an engineer-in-training if he is otherwise qualified." 9

10 <u>NEW SECTION.</u> Section 2. Extension of authority. Any 11 existing authority of the board of professional engineers 12 and land surveyors to make rules on the subject of the 13 provisions of this act is extended to the provisions of this 14 act.

NEW SECTION. SECTION 3. EFFECTIVE DATE. THIS ACT IS

16 EFFECTIVE ON PASSAGE AND APPROVAL.

15

-End-

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SECOND READING

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Nontana Legislative Council

1	HOUSE BILL NO. 99
2	INTRODUCED BY BRADLEY, MONTAYNE,
3	PATTERSON, CONNELLY, PAVLOVICH
4	
5	A BILL FOR AN ACT ENTITLED: "AN ACT ALLOWING A PERSON WITH
6	ENGINEERING TECHNOLOGY TRAINING TO QUALIFY FOR CERTIFICATION
7	AS AN ENGINEER-IN-TRAINING; REMOVENG-A-CURRECULUM-APPROVAL
8	RBQUIREMENT;AND AMENDING SECTION 37-67-307, MCA; AND
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12	Section 1. Section 37-67-307, MCA, is amended to read:
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14	registration as engineer-in-training. The following shall be
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17	(1) A graduate of an engineering or engineering
18	<u>technology</u> curriculum of 4 years or more ₇ approvedbythe
19	boardasbeingof-satisfactory-standing7, APPROVED BY THE
20	BOARD AS BEING OF SATISFACTORY STANDING, shall be admitted
21	to an 8-hour written examination in the fundamentals of
22	engineering. Upon passing such examination, the applicant
23	shall be certified or enrolled as an engineer-in-training if
. 24	he is otherwise qualified.
25	(2) A graduate of an-engineering-or a related science

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THIRD READING

1 curriculum of 4 years or more, other than the-ones--approved 2 by--the--board-as-being-satisfactory-standing engineering or engineering technology, with a specific record of 4 or more 3 years of progressive experience on engineering projects of a 4 5 grade and character satisfactory to the board shall be admitted to an 6-hour written examination in 6 the fundamentals of engineering. Upon passing such examination, 7 the applicant shall be certified or enrolled 8 as an 9 engineer-in-training if he is otherwise qualified."

10 <u>NEW SECTION.</u> Section 2. Extension of authority. Any 11 existing authority of the board of professional engineers 12 and land surveyors to make rules on the subject of the 13 provisions of this act is extended to the provisions of this 14 act.

15 NEW SECTION. SECTION 3. EPFECTIVE DATE. THIS ACT IS

16 EFFECTIVE ON PASSAGE AND APPROVAL.

-End-

-2-

STANDING COMMITTEE REPORT

SENATE

......February.4, 19.85 MR. PRESIDENT third reading copy (blue) (Regan will carry bill) color ENGINEERING TECHNOLOGY GRADUATE; EXAMINATION FOR ENGINEER-IN-TRAINING Be amended as follows: 1. Title, line 7. Following: "ENGINEER-IN-TRAINING" Insert: "AND AS A PROFESSIONAL ENGINEER" 2. Title, line 8. Following: "AMENDING" Strike: "SECTION" Insert: "SECTIONS 37-67-306 AND" 3. Page 2, line 10. Following: line 9 Insert: "Section 2. Section 37-67-306, MCA, is amended to read: "37-67-306. Qualifications of applicant for registration as professional engineer. The following is considered minimum evidence satisfactory to the board that the applicant is qualified for registration a professional engineer: as (1) A graduate of an engineering or engineering technology curriculum of 4 years or more approved by the board as being of satisfactory standing, with a specific record of an additional 4 years or more of progressive experience on engineering projects of a grade and character which indicate to the board that the applicant may be competent to practice engineering, XXXXXX MM XXXX XXXX Page 1 of 2

(cont.) Chet Blayloch Chairman. HB 99 Page 2 of 2

February 4, 19.85

shall be admitted to an 8-hour written examination in the fundamentals of engineering and an 8-hour written examination in the principles and practices of engineering. Upon passing such examinations, the applicant shall be granted a certificate of registration to practice engineering in this state provided he is otherwise qualified.

(2) A graduate of an-engineering-or a related science curriculum of 4 years or more, other than the--ones--approved--by--the--board-as-being-of satisfactory--standing engineering or engineering technology, with a specific record of 8 years or more of progressive experience on engineering projects of a grade and character which indicate to the board that the applicant may be competent to practice engineering, may be admitted to an 8-hour written examination in the fundamentals of engineering and an 8-hour written examination in the principles and practices of engineering. Upon passing such examinations, the applicant shall be granted a certificate of registration to practice engineering in this state provided he is otherwise qualified.

(3) A graduate of an engineering or related science curriculum of 4 years or more with a specific record of 20 years or more of progressive experience on engineering projects, of which at least 10 years have been in charge of important engineering projects, of a grade and character which indicate to the board that the applicant may be competent to practice engineering shall be admitted to an 8-hour written examination in the principles and practices of engineering. Upon passing such examination, the applicant shall be granted a certificate of registration to practice engineering in this state provided he is otherwise qualified.

(4) Engineering teaching in a college or university offering an approved engineering curriculum of 4 years or more may be considered as engineering experience in these requirements provided research, product development, or consulting has been a concurrent activity."

Renumber: subsequent sections

HB99.022 PC5

AND AS AMENDED BE CONCURRED IN

Chet Blaylock CHET BLAYLOCK Chairman

Repart adopted.

STANDING COMMITTEE REPORT

SENATE

February 4, 19.85

MR. PRESIDENT

We, your committee on EDUCATION AND CULTURAL RESOURCES

third ____ reading copy (<u>b1ue_____</u>) (Regan will carry bill) color

ENGINEERING TECHNOLOGY GRADUATE; EXAMINATION FOR ENGINEER-IN-TRAINING

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1 Title, line 7. Following: "ENGINEER-IN-TRAINING" Insert: "AND AS A PROFESSIONAL ENGINEER"

2. Title, line 8. Following: "AMENDING" Strike: "SECTION" Insert: "SECTIONS 37-67-306 AND"

3. Page 2, line 10. Following: line 9 Insert: "Section 2. Section 37-67-306, MCA, is amended to read:

"37-67-306. Qualifications of applicant for registration as professional engineer. The following is considered minimum evidence satisfactory to the board that the applicant is qualified for registration as a professional engineer:

(1) A graduate of an engineering or engineering technology curriculum of 4 years or more approved by the board as being of satisfactory standing, with a specific record of an additional 4 years or more of progressive experience on engineering projects of a grade and character which indicate to the board that the applicant may be competent to practice engineering,

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NA XXX XXXX Page 1 of 2

(cont.) Chet Blayloch Chairman

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> February 4, 19 85

shall be admitted to an 8-hour written examination in the fundamentals of engineering and an 8-hour written examination in the principles and practices of engineering. Upon passing such examinations, the applicant shall be granted a certificate of registration to practice engineering in this state provided he is otherwise qualified.

(2) A graduate of an-engineering-or a related science curriculum of 4 years or more, other than the--ones--approved--by--the--board-as-being-of satisfactory--standing engineering or engineering technology, with a specific record of 8 years or more of progressive experience on engineering projects of a grade and character which indicate to the board that the applicant may be competent to practice engineering, may be admitted to an 8-hour written examination in the fundamentals of engineering and an 8-hour written examination in the principles and practices of engineering. Upon passing such examinations, the applicant shall be granted a certificate of registration to practice engineering in this state provided he is otherwise qualified.

(3) A graduate of an engineering or related science curriculum of 4 years or more with a specific record of 20 years or more of progressive experience on engineering projects, of which at least 10 years have been in charge of important engineering projects, of a grade and character which indicate to the board that the applicant may be competent to practice engineering shall be admitted to an 8-hour written examination in the principles and practices of engineering. Upon passing such examination, the applicant shall be granted a certificate of registration to practice engineering in this state provided he is otherwise qualified.

(4) Engineering teaching in a college or university offering an approved engineering curriculum of 4 years or more may be considered as engineering experience in these requirements provided research, product development, or consulting has been a concurrent activity. Renumber: subsequent sections

HB99.022 PC5

AND AS AMENDED BE CONCURRED IN

Chet Blaylock CHET BLAYLOCK Chairman

Rentert adoored.

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HB 0099/03

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2	INTRODUCED BY BRADLEY, MONTAYNE,
3	PATTERSON, CONNELLY, PAVLOVICH
4	
5	A BILL FOR AN ACT ENTITLED: "AN ACT ALLOWING A PERSON WITH
6	ENGINEERING TECHNOLOGY TRAINING TO QUALIFY FOR CERTIFICATION
7	AS AN ENGINEER-IN-TRAINING AND AS A PROFESSIONAL ENGINEER;
9	REMOVING-A-CURRICULUMAPPROVAL-REQUIREMENT;AND AMENDING
9	SECTIONS 37-67-306 AND 37-67-307, MCA; AND PROVIDING
10	AN IMMEDIATE EFFECTIVE DATE."
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12	BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MONTANA:

HOUSE BILL NO DO

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(1) A graduate of an engineering or engineering 18 technology curriculum of 4 years or more;--approved--by--the 19 board--as--being--of-satisfactory-standing, APPROVED BY THE 20 BOARD AS BEING OF SATISFACTORY STANDING, shall be admitted 21 to an 8-hour written examination in the fundamentals of 22 engineering. Upon passing such examination, the applicant 23 shall be certified or enrolled as an engineer-in-training if 24 25 he is otherwise qualified.

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1 (2) A graduate of an-engineering-or a related science 2 curriculum of 4 years or more, other than the ones - approved 3 by--the--board-as-being-satisfactory-standing engineering or 4 engineering technology, with a specific record of 4 or more 5 years of progressive experience on engineering projects of a 6 grade and character satisfactory to the board shall be 7 admitted to an 8-hour written examination in the 8 fundamentals of engineering. Upon passing such examination. 9 the applicant shall be certified or enrolled as an 1.0 engineer-in-training if he is otherwise gualified."

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HB 0099/03

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 examinations, the applicant shall be granted a certificate
 of registration to practice engineering in this state
 provided he is otherwise qualified.

(2) A graduate of an-engineering-or a related science 5 6 curriculum of 4 years or more, other than the ones-approved 7 by--the--board-as-being-of-satisfactory-standing engineering or engineering technology, with a specific record of 8 years 8 9 or more of progressive experience on engineering projects of 10 a grade and character which indicate to the board that the 11 applicant may be competent to practice engineering, may be admitted to an 8-hour written examination in the 12 fundamentals of engineering and an 8-hour written 13 14 examination in the principles and practices of engineering. 15 Upon passing such examinations, the applicant shall be 16 granted a certificate of registration to practice this state provided he is otherwise 17 engineering in qualifi ... 18

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8-hour written examination in the principles and practices
 of engineering. Upon passing such examination, the applicant
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6 (4) Engineering teaching in a college or university 7 offering an approved engineering curriculum of 4 years or 8 more may be considered as engineering experience in these 9 requirements provided research, product development, or 10 consulting has been a concurrent activity."

11 <u>NEW SECTION.</u> Section 3. Extension of authority. Any 12 existing authority of the board of professional engineers 13 and land surveyors to make rules on the subject of the 14 provisions of this act is extended to the provisions of this 15 act.

16 NEW SECTION. SECTION 4. EFFECTIVE DATE. THIS ACT IS

17 EFFECTIVE ON PASSAGE AND APPROVAL.

-End-

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