

# English Phonology Homework, p. 1

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For each of the following words, determine the underlying representation and show the phonological derivation (on the chart on the back). The first one is done for you.

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|----|------------------|----------------------|---------------------------------|
| 1. | ungrammaticality | un#grammat+ic+al+ity | [ʌŋgrəmætək <sup>h</sup> æliDi] |
| 2. | derivational     | de+riv+ation+al      | [dɛrəvɛyʃənəl]                  |
| 3. | assignment       | as+sign#ment         | [əsáynmənt]                     |
| 4. | teacher          | teach#er             | [t <sup>h</sup> iyčɹ]           |
| 5. | syntactician     | syntact+ic+ian       | [sɪntækt <sup>h</sup> íʃn]      |
| 6. | compounding      | com+pound#ing        | [k <sup>h</sup> ámpawndɪŋ]      |

# English Phonology Homework, p. 2

|                     | 1. /U <sub>n</sub> #grAmAt+Ik+Al+ItI/ | 2. | 3. |
|---------------------|---------------------------------------|----|----|
| Stress assignment   | ŪngrAmÀtIkÁlItI                       |    |    |
| V Length+short      |                                       |    |    |
| Nasal Assimilation  |                                       |    |    |
| g Deletion          |                                       |    |    |
| mn Simplification   |                                       |    |    |
| gN Simplification   |                                       |    |    |
| Velar Softening     |                                       |    |    |
| Palatalization      |                                       |    |    |
| Vowel Spellout      | ɪŋgræmətɪkəlɪtɪ                       |    |    |
| Laxing              | ɪŋgræmətɪkəlɪtɪ                       |    |    |
| Diphthongization    |                                       |    |    |
| American y Deletion |                                       |    |    |
| Vowel Reduction     | ɪŋgræmətəkəlɪtɪ                       |    |    |
| Voicing Assim       |                                       |    |    |
| Other rules         | ɪŋgræməDək'əlɪDɪ                      |    |    |
|                     | [ɪŋgræməDək'əlɪDɪ]                    |    |    |

|                     | 4. | 5. | 6. |
|---------------------|----|----|----|
| Stress assignment   |    |    |    |
| V Length+short      |    |    |    |
| Nasal Assimilation  |    |    |    |
| g Deletion          |    |    |    |
| mn Simplification   |    |    |    |
| gN Simplification   |    |    |    |
| Velar Softening     |    |    |    |
| Palatalization      |    |    |    |
| Vowel Spellout      |    |    |    |
| Laxing              |    |    |    |
| Diphthongization    |    |    |    |
| American y Deletion |    |    |    |
| Vowel Reduction     |    |    |    |
| Voicing Assim       |    |    |    |
| Other rules         |    |    |    |
|                     |    |    |    |