

List 1.

Element	Gloss	Examples
anthrop	human	anthropology, anthropomorphic, philanthropy
bi	life	biology, macrobiotic, biography, bioluminescent, minib
cac	bad	cacophony, caconym, cacodemonic
chrom	color	monochrome, chromosome, chromatic, chrome
chron	time	chronic, diachronic, chronometer, anachronistic
Cosm	universe, adam, order	cosmic, cosmopolitan, cosmetic, macrocosm, microcosm, cosmology-cosmogony, cosmonaut, cosmecology
gam	marry, unite	monogamy, gamete, bigamy, epigamic, gamosepalous, exogamous, gamophylous, gamogenesis
iatr	heal	psychiatry, iatrogenic, geriatric, pediatrician
idi	personal	idiosyncrasy, idiom, idiopathy, idiomorphic, idiolect, idiochromatic, idiot
log	speak, study	logic, eulogy, logorrhea, anthropology, analogy, prologue, logo
maer	large	macroeconomics, macrocephalic, macrocyte, macrodorous, macro, maeon.
micr	small	microscope, microcosm, microbe, microphotography, micron, micranatomy
mis	hate	misanthrope, misogamy, misogyny, misogyny
morph	form	polymorphous, morpheme, ectomorph, endomorph, morphology
nom	law, system	astronomy, autonomy, nomothetic, nomogram, metronome
path	feel, illness	pathology, sympathy, empathy, pathos, pathetic
petr	rock	petrify, petroglyph, petroleum, petrous
phil	liking	Anglophile, hemophilia, philopho philosophy, philanthropy, philately
phon	sound	telephone, phonetic, euphony, cacophony, phonics, phonology, synphony, aphonia
pol	community	politics, police, political, metropolis, megalopolis

pseud	false	pseudonym, pseudopod, pseudoscience, pseudographia
psych	mind	psychiatry, psychic, psychotic
pyr	fire	pyromaniac, pyrotechnics, pyrometer, pyrite, antipyretic
the	god	theology, polytheism, polytheism, theocracy, theogony, atheist
top	place	topography, topical, topology, toponym
xen	foreign	xenophobia, xenon, xenogamy, xenoplastic, axenic, pyroxene.

List 2

Element	Gloss	Examples
anim	soul	animate, animadversion, animosity, unanimous
corp	body	corpuscle, corpse, corpulent, corpus, corps
culp	fault	culpable, mea culpa, exculpate
duc	to lead	duct, conduct, induce, produce, educate, deduct,
fug	flee	fugitive, fugacious, centrifuge, fugue
grat	goodwill	grateful, gratuity, ingratiate, ingrate, gratis
greg	social group	congregation, egregious, gregarious, segregate
hom	human	hominid, Homo erectus, homicide
leg	law, deputize	legal, allege, legislature, relegate, legacy, privilege
libr	balance, weigh	Libra, equilibrium, libration
liter	letter	literal, literary, literati, alliteration, obliterate, transliterate
nov	new	novelty, innovate, novitiate, novices, nova, renovate
omn	all	omniscient, omnipotent, omnivorous
par	give birth to	parent, post partum, parturition, ouiparous
pet	seek, go to	centripetal, petition, impetus, appetite, perpetual
pot	able, powerful	potential, potent, omnipotent, impotent
prob	good, test	probe, approbation, probity, reprobate
sci	know	omniscient, conscious, president, sedent,

plebiscite, adscititious, sciotism

sec cut bisect, section, sector, transect, secateurs.
secant, insect

somn sleep insomniac, somnolent, somnambulism

ven come intervene, contravene, prevent, eventual, venture

ver true verify, veritable, veracity, verisimilitude.

List 3

Suffix	Gloss	Source	Examples
-ance N L	penance, exuberance		
-ant A,N L	Protestant, defendant, tenant		
-ary A,N L	temporary, tertiary, mortuary, grammar		
-ate N,A,V L	delegate, irate, navigate, navigate, precipitate, prelate, rostrate		
-ence N L	science, intransigence		
-ent A,N L	parent, proponent, incumbent		
-ic A,N L,G	chronic, topic, photographic, neurotic, psychic, historic		
-ity N L	stupidity, alacrity, monstrosity, femininity, paucity		
-ize V G	vocalize, Americanize, extemporize, psychologize		
-oid resembling (A,N) G	android, spheroid, ptery pterygoid,		
-ory A,N L	adenoids		
		→ sensory, auditory, oratory	
-ous A L	porous, poisonous, ridiculous, pompous		
-sis N G	analysis, tmesis, synphysis, thesis, phthisis, praxi praxis		
-tion N L	nation, action		
-tive A,N L	native, locative		
-y N L,G	astronomy, sympathy, pi privacy		

Prefix Gloss Source Examples

ab- from, away L abreact, abolish, abdicate, ablative, absolute

ad- to, toward L adapt, adit, abbreviate, adduce, affect
annul, amire, attract

(abbreviate is ad- it's)

an- not, without G anarchy, anhydrous, anaerobic

ana- up, back again G anachronism, anadastic, analeptic, anacardium,
anabolic, analog, analog

ante- before L anterior, antebellum, antedate, antecedent
antecedent

apo- away from, off G apology, apocrypha, apostasy, apoplectic
apotheosis, apogee

cata- down, backwards G cataclysm, catapult, catalyst,
catalepsy, catalog, catacomb

con- with L conrene, concomitant, concord

contra- against, facing L contraceptive, contradict, contra-

de- reverse, from L detract, descend, deude, denote,
demand, deoxygenate, deport,
destruction

dia- through G diameter, dialysis, diathesis, dialogue,
didiopter, diaphoresis, diapositive

ec- out G estatic, tonsillectomy, appendectomy

ecto- outside G ectoderm, ectoplasm, ectoparasite, ectomorph

en- in G encephalitis, energy, encyst

endo- inside G endogamy, endoscopy, endopsychic, endomorph

epi- on, over G epitome, epitaph, epigram, epibiotic, epicene

eup- good G euphoria, eulogy, euthanasia, eugenics, euphemism
euphemism, euphis euphemism

ex- out L excavate, except, exfoliate, extend, educe, exact,
egregious

extra- outside L extraordinary, extraterrestrial, extramarital,
extraneous

hetero- other G heterosexual, heterodox, heterogenous,
heterodont, heterodyne, heteronomy

- homo- same G homosexual, homologous, homogeneous
- hypo- under, below G hypodermic, hypalgia, hypothermia, hypothesis, hypogea, hypophysis
- in- in, into L invade, inception, incinerate, incite
- ir- not L incompatible, ignorant, inequality, illegal, impossible, irreverent
- infra- below L infrared, infrastructure, infralapsarian
- inter- between L internal, interior, international, interfere, interject, intercalate
- intra- within L intrag, intramural, intravenous, intrauterine
- iso- equal G isometrics, ~~is~~ isosceles, isopathy, isobar
- meso- middle G mesosphere, mesomorph, mesobiotic, Mesopotamian, Mesolithic
- meta- beyond G metaphysics, metamorphosis, metaphor, metalinguage, method
- ob- toward, against L object, obstacle, obdurate, obit, obreption, obloquy, obstruct
- para- beside, nearly G parallel, paramedic, paranormal, paragraph, parody
- peri- around, near G perimeter, periscope, perihelion
- post- after, behind L postwar, posterior, posterity, postpartum, postpose, postprandial
- pre- before L prehistoric, preadolescent, prewashed
- pro- forward, for L G ~~pre~~ proceed, prowar, provide, procure,
- re- again, back L produce
→ review, reappoit
- se- apart L separate, select, seduce, segregate
- sub- under L subhuman, subclass, subreption, success, suffuse, suborn, supersede
- super- above L superficial, superer, supercilious
- syn- with G synchronize, sympathy, syllogism, symphony, synergy, systolic

trans across-through L trans-Atlantic, transparent,
transcussion, transfigure,
~~transient~~ translucent

List 4

Element	Gloss	Source	Examples
ab-ol	nurture,grow	L	alma, alma mater, abolish, alimentary, adolescent
am-nim	love	L	amorous, amative, amicable, inimical
ann-enn	year	L	per annum, perennial, annals, millennium
apt-rept	fit	L	aptitude, nept., adapt, adept, coapt
bol-bl	throw	G	parabola, emblem, hyperbole, metabolism, problem
cap-cep-ci-pri-cap	take	L	captive, except, incipient, re recuperate, principle, re precept percipient, occupy, capacious
cid-cis	cut, kill	L	homicide, incision, excise, circumcisive,
cri	judge, separate	coarse	L ↴ discern, critic, criterion, crisis, endocrine, hypocrisy
cri-cre-cer	separate	L	discern, secrete, secret, secrete, certain, criminal
cub-cumb	lie down	L	incubate, incumbent, concubine, recumbent, cubicle
dend-ir	god	L	deity, divinity, deification, divine, desire , deism, diva
equi-qu	even	L	equity, inequity, equanimity, equidistant, equal, equator, equinox adequate
ergnorgnwg	work	G	energy, metallurgy, organ, orgy, demiurge, ergative, georgic, liturgy
fact-fec-tic	do, make	L	factory, defect, artificial, perfect fact, factotum, factor, facsimile, deficit, suffice, artifice

frag- frag- fring break L fragile, fragile, infringe, fragment, refrangible

fund-fus pour, melt L refund, effusive, fuse, fusion infuse, infusion, refuse effusion, effuse, fusible, diffuse

gen-gn-na birth L general, genus, genius, genial, genital, progeny, ingenuous, indigenous, genuine, gentle, benign, pregnant, innate, native, native, natal, agnate

gen-gon birth G gene, genocide, genesis, heterogeneous, epigenic gonad

mern-mon think L mental, memento, dementia, mention, admonish

mnre remember G amnesia, mnemonic

mnmo move L move, motion, motility, motive, emotion, motor promote, mobile

nec-necr die G nectar, nectarine, necrosis

nec-noc-nic-nox = harm L innocuous, internecine

permicious, innocent, nervous

pend-pond hang, weigh L depend, appendix, expend, ponder, pendulum, preponderate, vilipend

sacr-sanc-secr holy L sacred, sanctify, consecrate, desecrate

semen-semin seed L semen, inseminate, seminal, disseminate, seminary

spec-spic look L inspect, despicable, spectable, spectacle spectrum, retrospect

sta-ste stand G static, ecstasy, thermostat, stasis, system

sta-ste-stifst stand L status, stamen, obstetrician, institute, stationary, stable, prostate, constabulary, statue, insist.

tig-teg-tig-tang-ting touch L contagion, integer, tangent, contingent, tangible

tempor time L temporary, temporize, contemporary,
~~ext~~ extemporeous

ten-tin hold L tenable, continuous, tenure, tenacious,
retention

tom~~is~~tm ~~cut~~ cut G anatomy, tmesis, atom, microtome,
entomology, epitome, ~~ext~~ tmena

vic-vine conquer L victor, invincible, evict, evince, convince,
conviction

vor eat L voracious, omnivore, carnivore azoic

zo animal G zoology, protozoan, azote, zoomorphic, ~~ext~~

List 5

Element Glass Source Examples

ag-ag-ag auto, do, drive L agent, navigate, agenda, action

alt high L a agile, exigent, intransigent, exiguous
altitude, altimeter, altitudinous, altithermal

ambul walk L perambulator, ambulatory, amble,
somnambulist

andr male, man G android, polyandry, androgyny, apandrous

arch first, ~~govern~~ G archetype, anarchy, Archaeopteryx,
archaeology, oligarchy, archbishop, archive

av bird L avian, aviator, avicolous, Aviculidae,
cavine

cad-cas-cid full L cadence, casual, incidence, coincide,
recidivism, incident, Occident

ced-cress go, let go L concede, process, cede, secede, antecedent,
intercede, excess.

clinch-clus to close L seclude, occlude, recluse, conclude

doc teach L doctrine, doctor, docile, docent,
document

dog opinion G orthodox, doxology, dogma,

ero physical love G erotic, Eros, autoerogenous
erogenous, erotica

esth-aesth feel G anesthetic, synesthesia, aesthetics

kinesthetic ~~kinesthetic~~ within within social
grady, gredy, gress step, go L gradient, ingredient, regress,
retrograde, gradual, ingress, egress

heli sum G heliocentric, helium, perihelion, aphelion, heliolabry
legelig gather, reach L elect, legible, selection, elegant, legends
lecter lectern, diligent, eligible
lic permit L illicit, licentious, license, scilicet scilicet, licet

ne new, recent G neo-Fascist, neologism, neonomian, neogamy
neophyte, neoteny, neonatal

photo phot-phos light G photon, phospher-aphotic, phose,
photosynthesis, photosphere, photoprotein
prac~pray act, do G pragmatic, practice, practicable, apraxis,
practicum

reg-nig rule, straight L regular, regent, inornigible, rex,
regal, regimen, regulus, regina, regime, dirigible

sens-sens feel L sentient, sensory, sententious sentinel,
sensual, consensus, insensate insensate

tele for G telephone, telemetry, telepathy,
telesthesia, telekinesis, teleostotic

ten-tend tens stretch, thin L extend, tenuous, tensor, tensile,
extenuate, tendon, tend

trud-trus thrust L protrude, intrusive, extrude, intrude,
abtruse

LIN 203 Midterm Review (Chandout)

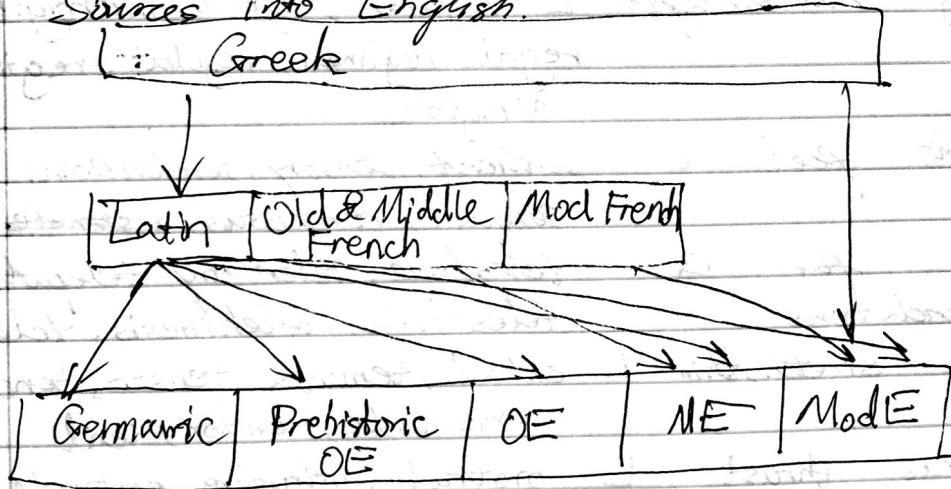
But before that.

GVS:

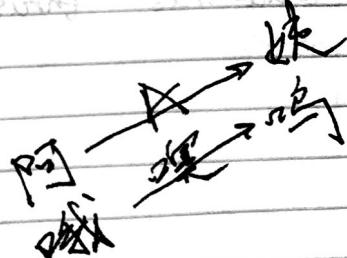
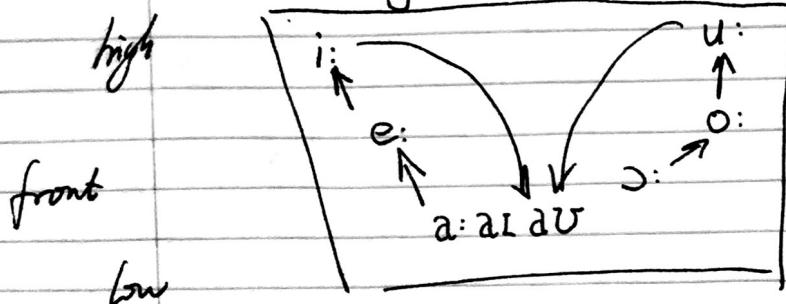
ME Sound ModE Sound ex.

/i:/	/ai/	fine /fai:nə/ → /feɪn/
/e:/	/i:/	me /me:/ → /mɪ/
/ɛ:/	/ɪ/	deene /kɛ:nə/ → clean /klin/
/a:/	/e/	name /nə:mə/ → /nem/
/u:/	/aw/	hous /hʊ:s/ → house /haʊs/
/o:/	/u/	moone /mo:nə/ → moon /mʊn/
/ɔ:/	/o/	goote /gɔ:tə/ → goat /gɔt/

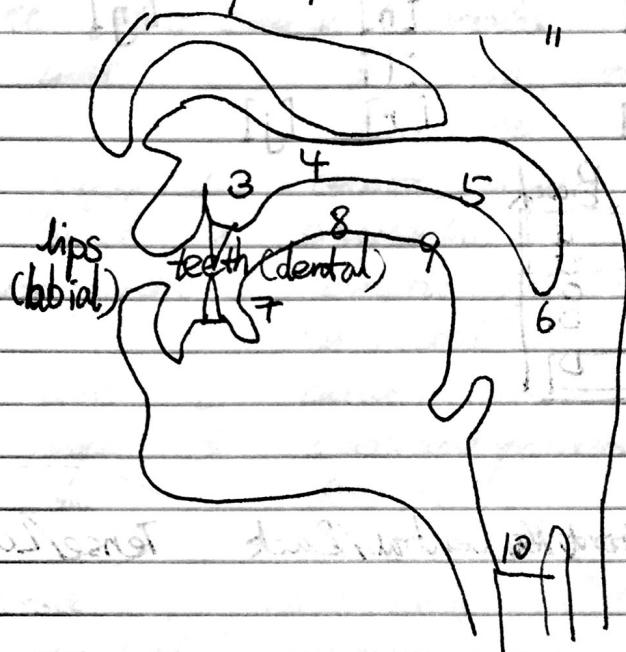
~~Hell~~ Major paths of Borrowing from Greek & Latinate Sources into English.



GVS (long vowel shift)



The Articulatory Apparatus:



3. alveolar ridge
(alveolar)

4. hard palate
(palatopalatal)

5. soft palate
(velar)

6. uvula (vular)

7. tip of tongue (apical)

8. blade of tongue
(laminar)

9. back of tongue
(dorsal)

10. vocal cords (glottal)

11. nasal passages
~~(nasal)~~

Places & Manners of Articulation of English Consonants

Labial Labio-dental Dental Alveolar Post-alveolar Palatal Velar Glottal

Oral stop

p, b

t, d

k, g

Fricative

f, v

θ, ð

s, z

ʃ, ʒ

h

Affricate

tʃ, dʒ

~~fricative~~
voiceless

Nasal

m

n

ŋ

Approximant
(lateral)

l, r, w, j, y

l (wired)
w

Vowels

all vowels
voiced

Height
High

Tenseness

Tense

Lax

Front

i (eed)

ɪ (hid)

e (wee)

ɛ (wed)

œ (cat)

ə (spa)

Central

ʊ (oot)

ʌ (ook)

ɒ (oat)

ə (fun, sofa)

ɔ (horse)

Back

u (oot)

ʊ (ook)

ɔ (horse)

ɒ (caught)

Mid

T

L

Low

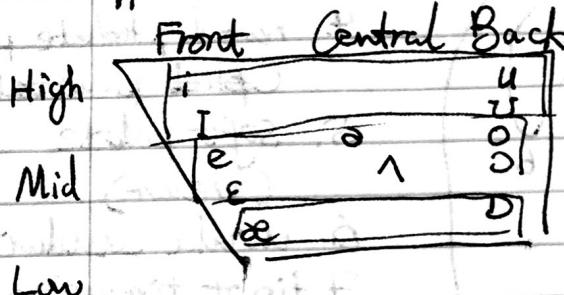
⠄ L

⠄ T

- [w] is simultaneously bilabial & velar
- [?] glottal stop

• [?] glottal stop

nasals	[m]	[n]	[g]
lateral		[l]	
approximants	[w]	[r]	[j]



High/Mid/Low Front/~~Mid~~ Central/Back Tense/Lax

Digital

Diphthongs:

[~~卷~~10]

[ai]

[au]

2 derivational affixes { class 1
class 2

2. compounding { endocentric
 ectocentric

metabolismus der sekundären Aminosäuren ist fast

tiny song sun [s̩ɪn̩ s̩ɔŋ s̩ʌn̩]

abkant → sing sang sung

ablation → sing out

ablate *completion*

Supplementation

~~spite Slippin'~~

Page 1 of 1

1. *Calostoma* *lutea* (L.) Kuntze

List 6

Element Gloss Source Examples

bell war L belligerent, antebellum, bellicose, rebellion, bellipotent

cens judge L censor, censure, census, ~~censorius~~ censorious

cephal head G encephalitis, microcephaly, acephalous, cephalgia

crat-cracy govern G democratic, plutocracy, autocratic, meritocracy, aristocrat

cur care L curator, curate, sinecure, prouration

dem people G democracy, pandemic, endemic, deminge,

fla blow → L demographic

loc place L local, locus, allocate, collate, collation

lumen-lumin light L luminous, lumen, luminary, illumination

man hand L manual, manipulate, emancipate, manumission, manicure

plex-plec-ptic times, fold, entwine L triple, quadruple, duplex, complicated, exlicate, plexus

son sound L sonic, sonority, dissonant, assortant, sonnet

Review for Lecture 6? If I'm right.

Phonology in allomorphy.

patterns:

patterns:

e.g. in- appears as /m- before any base begin with
a bilabial (p/, b/, m/)

base form: a morpheme has a regular allomorphy

derived form:

in- basic

im- } derived

il-

ir-

in → il / _ l

in → ir / _ r

#

in → im / _ m

the pattern:

con → col / _ l

con → cor / _ r

con → com / _ m

} => Latin prefixes ending in n:

n → l / _ l

n → m / _ m

n → r / _ r

These were phonological rules in Latin
but they are allomorphic rules in English

Other allomorphic rules based on phonology:

voicing assimilation of g and b before voiceless consonants:

$b \rightarrow p / _ \text{voiceless}$

$g \rightarrow c / _ \text{voiceless}$

so voiced stops \rightarrow voiceless stops / _ voiceless

it's a single rule applying to a natural class of sounds

common feature of phonological rules.

also it's a common feature of allomorphic rules that are based on phonological rules as well.

Rules like these \Rightarrow morphological
morphophonological rules.

they describe how morphemes can change in different contexts, in ways that are motivated by phonological features and patterns.

"sometimes exceptions"

e.g. syn \rightarrow sym / _ ph- _ symphony
but ph is /f/, which is not bilabial.

In ancient Greek,

more consistent to their Greek/Latin pronunciations!

Total assimilation:

d → c / — c

ac-commodate

ac-culturate

only in spelling

ac-cept

ac-cident

} prefixes undergo assimilation but pronunciation

does not match. Doesn't sound like assimilation

Why? in Latin it's always /k/,

French development is

so the assimilation of ad- to ac- before c is made
phonological sense in Latin;

Why c pronounced /s/ as in -cep- & -cid-

Another regular pattern based on obsolete, borrowed phonology.
(French)

c → [s] / — front vowels

g → [dʒ] / — front vowels

re-cip-i-ent } front vowel { frag-i-ly

re-cede } front vowel { general

re-cord } non-front vowel { rug-o-se

custod-y } non-front vowel { dis-gust

Note that the "front vowels" stand for

front vowels in Latin! not English

e.g. in English "a" is front,

but in Latin it's central

⇒ cap-ture de-cade are /k/

⇒ su-i-cide

su-i-cide, not front in English but front in Latin

• Spelling is closer:

$c \rightarrow [s] / \quad i, e, y$

$g \rightarrow [dʒ] / \quad i, e, y$

- * The letters that represented front vowels in late Latin regardless of what sounds they have now. So in modern English, the rules are often best described in terms of spelling, even though they originated as rules based on sound.

• Morphological rules has ORDER!

e.g. accept:

ad-cept

ac~~s~~-ac-cept assimilation rule

act[s]ept $c \rightarrow [s]$ rule

• Insertion & Deletion

- motivated by constraints of easing easier pronunciation & avoiding illegal sound sequences.

• Deletion \rightarrow change to zero (\emptyset)

s $\rightarrow \emptyset$ / - voiced consonant

jus-, law' in justice \Rightarrow ju-dicial

In sequences of vowels, the first one is often deleted.

V $\rightarrow \emptyset$ / V

especially it's not the only vowel in morpheme

V $\rightarrow \emptyset$ / h

cata- + -ode = cathode

cello + -ist = cellist

meta- + -onym = metonym

Deletion rules often \Rightarrow simplify complex clusters of consonants.

e.g. $C \rightarrow \emptyset C - C$

fulg- 'lightning, glow', in ful-min-ate

$C \rightarrow \emptyset / -CC$

com- 'together' in co-gn-ate

Another frequent pattern:

$C \rightarrow \emptyset / -SC$

sub- + spect = suspect

• many exceptions:

substance substance

↓ (this rule) + (s-deletion before voiced consonants)

= what gives ex- 'out' its allomorph e-

(emit) is from ex-mit
"out" "send"

• sound can be inserted as transition:

$\emptyset \rightarrow p / m - t$

pre-sum + tion = presumption

red-em + tion = redemption

↳ this is different from path-~~st~~-o-logy
omni-pot-ent

~~Irregularity patterns~~

Some ~~#~~ rules that are not very general.
(so many exceptions!)

$\emptyset \rightarrow d / \text{pro-} V$

$\emptyset \rightarrow d / \text{re-} V$

e.g. ~~re- + de~~

re- + em- + -tion = redemption (em- : buy)

re- + und- + -ant = redundant (und- : wave)

pro- + ag- + -al = prodigal (ag- : drive or do)

$\emptyset \rightarrow s/b$ voiceless stop

e.g. ab- + wnd = abscond (wnd - means 'put')

ab- + trac- + -t = abstract (trac- means 'pull')

(cluster simplification after s-insertion)

sub+pend → sub+pend → suspend

ob-tens-ible → ~~ob~~-stensible → ob-tensible

categorized.

some other rules not even been categorized.

e.g. Latin vowel weakening.

in non-initial syllables a → e and the e → i / CV

Note a → e & stays e when followed by 2 consonants

cap → cep in reception fac → fec in confection

but it ends up as i when followed by only 1 consonant

cap → cip in incipient

fac → fic in efficient

morphophonological

Another rule from Latin is known as rhotacism.

s → r / V - V s becomes r between 2 vowels

e.g. rus- + -al ⇒ rural (r) means countryside
jus- + -y ⇒ jury

(friend - friend) friend - frie + -nd

(snow - snow) snow - snow + -ow

be + bird - borg borg - bor + -rg

get + get + -ed ⇒ get + -ed

(big man - man) man - man + -m

(blue - blue) blue - blu + -ue

(christmas - ch, mithing - mithing)

longish - longish + -ish + -ish

silence - silence + -nce + -nce + -nce

silence

silence must have four short notes over

silence short notes over

V.O. We say it has one syllable between 2

stressed, 2 weak vowels, and 2 strong

weak vowels in effect = vowels in eye + go

stressed 1 short vowel which is eye, then 2 short

weak vowels in eye + go

stressed 2 short vowels in eye + go

Lecture 7

Polysemy & semantic change

free
morphemes

a. Single morpheme could have multiple forms.

"polysemy" → multiple meanings

e.g. --- each of those morpheme has 2 or more conceptually related meanings.

"vagueness"

common polysemy : physical object vs. the abstract entity

"metaphorical association"

bound morphemes can also be polysemous

polysemy is not the same thing as homonymy
when distinct morphemes with ~~are~~ unrelated meanings have the same form.

homophone: sometimes used as ~~as~~ the same as homonym:
but sometimes as morphemes that are spelled differently but pronounced the same.

(coincidence that they have the same form (different meanings))

homonym: different origins, and look the same through coincidence

polysemous: meanings of a morpheme all have a common origin

loanwords from different sources.

Why does semantic change happen?

① changes in the world can lead to changes in the meanings of words.

e.g. instead of creating a new word to refer to some new phenomenon, an old word can be used creatively and given a new meaning

② meanings can shift b/c people use language in creative & playful ways

- irony, exaggeration, understatement, metaphor

are frequent & established \Rightarrow conventional

③ changed by the way people learn language

not from dictionary \Rightarrow ambiguity ..

P146. Metaphoric Extensions of Meaning of Spatial Prefixes

Prefix	Spatial sense	Use in extended sense
de-	'away from'	negative: desperate 'lacking hope' (sper 'hope') intensive: declare 'make totally clear' reverse an action: de-emphasize
ex-	'out'	'open, visible': expose (pon-pas 'put')
extra-	'outside'	'beyond', 'not': extraordinary
ob-	'against'	negative, 'destructive': obloquy 'abusive language' (loqu 'speak')
per-	'through'	'thorough, strong': pertinacious 'holding on thoroughly' (tin-ten 'hold')
pre-	'in front of'	'before', 'early': precious precocious 'matured early' (coc 'ripen')
sub-	'under'	as part: subsume 'take in as member of a larger unit' (sum 'take in') 'open or exposed to': subject 'bring into sphere of influence' (ejec-jac 'throw') 'inferior': subhuman

List 8

Element

Element Gloss

Source

Examples

aden

gland

G

adenoids, adenoma, adenomyoma,

alg

pain

G

nostalgic, algogenic, neuralgia

aur

ear

L

aural, auris, auristillae

axill

armpit

L

axillary, axillar, axilla

caud~cod

tail

L

caudate, coda, caudal.

cervic

neck

L

cervix, cervical,

cut

skin

L

cuticle, subcutaneous, cutis, cuticula

dermat~derm

skin

G

hypodermic, taxidermy, pachyderm

galact

milk

G

galaxy, galactic

gastr

stomach

G

gastritis, gastropod, gastrula

gravid

pregnant

L

gravid, ~~gra~~ gravity, prima grida

hem~haem~em

blood

G.

hemoglobin, anemia, hemophilia

hepat

liver

G

hepatitis, hepatoma, hepatosis

hist

body issue

G

histology, histoma, histoxia

hyster

worm,
neurotic disorder

G

hysterectomy, hysteria, hysteropathy

-ia

land, state,

G, L

utopia, pneumonia, Albania,

~~-itis~~

medical condition

G

hepatitis, neuritis, phlebitis

lab

lip

L

labial, labret, labromancy

lacrim~lachrym

tear

L

lacrimase, lachrymose, lacrimary

lact

milk

L

lactose, lactation, lactiferous

laryng

voice box

G

~~larynx~~, laryngitis

mamm

breast

L

mammal, mammary, mammogram

nas~nar

nose

L

nasal, ~~nares~~ nares, narial

nepr

kidney

G

nephritis, epinephrine, nephron

-oma

tumor, growth

G

carcinoma, glaucoma, melanoma, fibroma

op

see

G

optics, autopsy, myopic, isometropic

ophthalm

eye

G

ophthalmology, exophthalmic

os~or

mouth

L

osculate, oral, orade.

osseous	bone	L	ossify, osseous, ossuary
oste	bone	G	osteoporosis, osteomyelitis
phleb	vein	G	phlebitis, phleostasis, osculat. oracle
phob	fear	G	phobia, hydrophobia, Russophobia
phylac	guard	G	prophylactic, anaphylaxis
pre-pneum	breath, lung	G	pneumonia, apnea
pulm-pulmon	lung	L	pulmolith, pulmonary
rhin	nose	G	rhinoceros, puteo rhinitis, oxyrhine
sarc	flesh	G	see sarcophagus, sarcoma, sarcopietic
scler.	hard	G	sclera, sclerosant
sep	putrid, infected	G	antiseptic, sepsometer, sepsis
stom-stomat	mouth	G	stoma, colostomy, stomach
thromb	clot	G	thrombosis, thrombus
vas	essel, duct	L	vas, vascular, vasectomy
ven	vein	L	intravenous, vena, venose, venometer renomotor

Review before Quiz 2

- synecdoche, metaphor, metonymy
sinékdóki:
 - synecdoche (a common type of metonymy)
 - using a part of something to refer to the whole, or vice versa, or the material to refer to something that's made of it:
 - e.g. head used to refer to the whole animal in phrases
 - drink (used to specifically refer to 'drink alcohol')
 - glass refer a vessel made of glass.
 - metaphor: based on resemblance between old & new meanings
 - metaphor (involves a shift from a concrete, physical meaning to a more abstract or conceptual meaning).
 - like "spatial metaphors"
 - metonymy: based on some kind of connection between 2 entities — not because of ~~resemblance~~ but other associations
- prefixes (spatial) on p 146.
- phonologically motivated change (in → im)
see previous pages (Lecture 6)
- about prescriptivism
 - standard good/correct
 - nonstandard wrong: (which is wrong actually)
 - prescriptivists: "grammar" = only prescriptive grammar

where do prescriptive standards come from?

- social structure,
- borrowing features from other related languages
- personal preferences
- having these standards aren't wrong, but ...

List 9.

Element	Gloss	Source	Examples	Element	Gloss	Source	Examples
ac	sharp	L	acid, acid	ocul	eye	L	ocular, monocle
acr	height, tip	G	acrophobia	pen~pun	punish	L	penal, punitive
agr	field	G, L	agriculture	ple	full, many	L	plenty, replete
alb	white	L	albino, albumen	propos	place, put	L	postpone, propose
aster~astr	star	G	asteroid, astral	pug~pugn	fist, fight	L	impugn, oppugn
aud	hear	L	auditory, audit	tac	arrange	G	tactic, syntax
auto~auto	self	G	autonomy, tautology	ta fast	fast	G	tachylite
bath~bathy	depth	G	bathos, bathyal	terr	earth	L	terra cotta
bene~bon	good	L	benediction, burns	vac~van	empty	L	ravine, vanish
brach~brady	short	G	brachylogy,	ver	turn	L	convert, converge
carn~car	flesh	L	carnal, carnivorous	viv~vit	live	L	vivid, vital
cli	lean, lie	G, L	client, cline				
cred	believe	L	credo, incredulous				
crypt~cryp	bide	G	crypt, cryptonym				
damn~demn	loss, harm	L	condemn, damnable				
dic	say	L	dictate				
do	give	G	epidote, anecdote				
dondandi	give	L	edit, donate, data				
dol	suffer	L	condole, indolent				
flu~fluc~fluv	flow	L	fluid, flux, influence				
gloss } →	tongue	G	glottis, glossary				
~glott }	know	G					
gnō	know	G	agnostic, diagnostic				
gnō~gnō~gnōni	know	L	cognition, notion, ignorant				
gyn~gynec	woman	G	gynecology				
hes~her	to stick	L	adhesive, hesitate				
hydr~hydyclat	water	G	hydatid				
jus	law	L	justice, jury				
lith~lit	stone	G	megalith				
mega~megal	great, million	G	megaton, megalomania				
misc~mix	mix	L	mixture, miscellany				
nihil~nil	nothing	L	annihilate, nil				

List 10

Element	Gloss	Source	Examples
al	other	L	alias, alibi, alter
allo-	other	G	allomorph, allele,
card	heart	G	cardiac, endocardium
cord	heart	L	cordial, accord
cruc	cross, important point	L	crucial, crux
dec	acceptable	L	decent, decorum
edues	eat	L	edible, obese
fa	speak	L	famous, ineffable
fer	carry	L transfer differ	fraternity, fraternal
fratr	brother	L	
ge	earth	G	geology, apogee, perigee
gemin	twin	L	Gemini, geminate
ger	old person	G	gerontology, geriatric
graph, gramm	write	G	telegraph, telegram
juvenil	young	G	juvenile, junior
lat	carry	L	translate, ablation
lig	tie	L	ligament, religion
lign	wood	L	ligneous, lignify
logu~locu	speak	L	soliloquy, obloquy
magn	great, large	L	magnify, magnum
matr	mother	L	maternal, dura mater, matrix
metr	mother, uterus	G	metropolis, metritis
myc	fungus	G	mycology, mycosis
noct	night	L	Nocturnal
nomen~nomin	name	L	nominate
nyct	night	G	nyctophobia, nyctitropism
onomonomat~onym	name	G	onomatopoeia, synonym
orth	straight, context	G	orthodox, orthopedic
	correct		

spak

11 tri

pale-pake	old	G	paleolithic, paleontology
patr	father, country	L, G	paternal, patriarchal
ped	foot	L	pedal, expedite
ped~paed	child, teach	G	pediatric, encyclopedia
phan-phe	speak	G	euphemism, emphasis
phemphor	carry	G	metaphor, phosphorus
phyll	leaf	G	chlorophyll
phyt	plant	G	phylogenetic, neophyte
pod~pus	foot	G	podiatry, octopus
pom	fruit	L	pome, pomade
pred	preying	L	predator, predacious
rhiz	root	G	rhizome, rhizopod
sal~salt-sil	jump	L	salient, resilience
salv~sahu	safe, greet	L	salvation, salute
soror	sister	L	sonority, sororate
spor	scatter, seed	G	sporadic
the	put	G	thesis, anathema
uxor	wife	L	uxorious
val	strong	L	valor, valid
voc	call, voice	L	vocation, evoke, revoke

List 11

Element	Gloss	Source	Examples
al	wing	L	aliform, alula
api	bee	L	apian, apiany
arachn	spider	G	arachnid, arachnoid
bov	cow	L	bovine, Ovibos
boustou	cow	G	boustrophedon, bulima
chir	hand	G	chiropractor, Chiroptera
clam~claim	call out	L	clamor, reclaim
clav	key	L	exclave, clavier
cult	inhibit, grow	L	colony, culture, cultivate
curs~curr	run	L	cursor, current
dendr~dry	tree	G	rhododendron, dryad
dent	tooth	L	dental, trident
dyn	power	G	dynamo, dynasty
oen~oen	wine	G	enology, oenomel
er	age	L	medieval, longevity
formic	ant	L	formic,
herp~herpet	to creep, reptile	G	herpes, herpetology
hor	hour	G	horology
ichthy	fish	G	ichthyology
lun~lv	dissolve	L	solution, dissolve
ly	loosen	G	analysis, dialysis
mal	bad	L	maleficent, malitia malefactor
mant~manc	prophesy	G	mantic, necromancy
mun	public service, gift	L	municipal, commune, immune
nau	boat	G	
nar	boat	L	
null	nothing	L	
odont	tooth	G	
oo	egg	G	
orn~ornith	birth	G	
ov	egg	L	
ox~oxy	sharp	G	

phag	eat	G
pithec	ape	G
plac	flat	G
pter	wing	G
rog	ask	L
sen	old(person)	L
serp	to creep	L
som~somat	body	G
soph	wise	G
strat	stretch.level.layer	L
tel~tele	end.complete	G
top	to turn	G
verm	worm	L
vin	wine	L
xyl	wood	G

Otomatopoeia
pejoration
amelioration
miticism

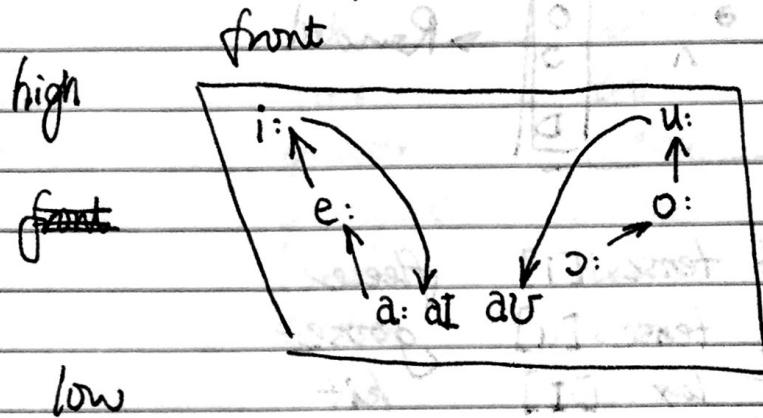
Classical Latin
Ecclesiastical Latin
Vulgar Latin

borrowed morphemes containing j, qu, v & f

Latin
Greek

Lin 293 Final Review Chart & Graphs.

① Great Vowel Shift.



② Phonetics

Consonants

by manner

voiceless stops

[p]

[t]

[k]

voiced stops

[b]

[d]

[g]

voiceless fricatives

[f]

[θ]

[s]

[ʃ]

[tʃ]

voiced fricatives

[v]

[ð]

[z]

[ʒ]

[dʒ]

voiceless affricate

[tʃ]

voiced affricate

[dʒ]

nasals

[m]

[n]

[ŋ]

lateral

[l]

approximants

[w]

[r]

[j]

by place

bilabial : [p] [b] [m]

labiodental : [f] [v]

(inter)dental [θ] [ð]

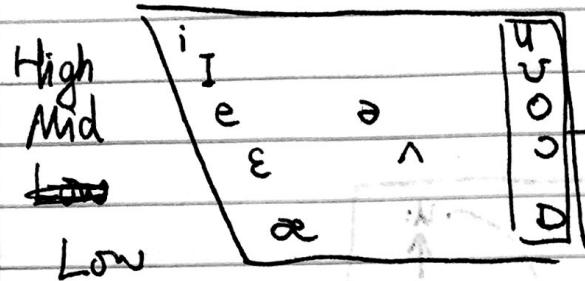
alveolar [t] [d] [s] [z] [n] [l] [r]

postalveolar [ʃ] [ʒ] [tʃ] [dʒ]

Palatal [j]

velar [k] [g] [ŋ]

Vowels Front Central Back



High front tense [i] fleece

Rounded

High back tense [u] goose

kit

High front lax [ɪ] kit

High back lax [ʊ] foot

Mid back front tense [e] face

Mid back tense [ə] goat

Mid front lax [ɛ] dress

Mid central/back lax [ʌ] stout

Mid back lax [ɔ] north

Low front lax [æ] trap

Low back tense [ɒ] thought

[ə]: mid, central, tense rhotic nurse

[ɪ]

[ʊ]

shear

[ɛ]

[ɔ]

loved

[ʌ]

[ɒ]

changed

only red

[ɪ] [ʊ] [ə] : liquid

[ɛ] [ɔ] : liquid

[ʌ] [ɒ] : liquid

[ɪ] [ʊ] [ə] : liquid

[ɛ] [ɔ] : liquid

[ʌ] [ɒ] : liquid

③ classical numerical elements

Meaning	Latin	Greek
1	un	mon
2	bi	di
3	tri	tri
4	quadr	tetra
5	quinque	penta
6	sex	hexa
7	septem	hepta
8	octo	octa
9	ninem	ennea
10	decem	deca
20	viginti	icosi
100	cent	hecaton
1,000	mille	chili
10,000	myri	myri
$\frac{1}{2}$	semi-	hemi-
$1\frac{1}{2}$	sesqui-	-
both	ambi-	amphi-
few	pauc	olig
many	mult, plur	poly
all	omn, tot	pan-pant-

④ Prefixes of the International Systems of Units

10^1	deca-	10^{-1}	deci-
10^2	hecto-	10^{-2}	centi-
10^3	kilo-	10^{-3}	milli-
10^6	mega-	10^{-6}	micro-
10^9	giga-	10^{-9}	nano-
10^{12}	tera-	10^{-12}	pico-

⑤ Phonological Rules:

Place of Assimilation of /n/:

$n \rightarrow m / _ \{p, b, m\}$

Assimilation

phonation assimilation:

[voiced obstruent] \rightarrow [voiceless] / $_$ [voiceless obstruent]

[voiceless obstruent] \rightarrow [voiced] / $_$ [nasal]

Liquid Assimilation:

{n, r} \rightarrow l / $_$ l

{n} \rightarrow r / $_$ r

Total Assimilation of /d/:

d \rightarrow C₁ / $_$ C₁ (not /m or glides)

Deletion

Vowel Deletion:

v \rightarrow \emptyset / $_$ (h)V

/s/ Deletion:

s \rightarrow \emptyset / $_$ [voiced C]

Cluster Simplification:

C \rightarrow \emptyset / $_$ sc

C \rightarrow \emptyset / C—C

Consonant Shortening

C: \rightarrow C / {C—, —C}

Greek Final Stop Deletion

[stop] \rightarrow \emptyset / $_$ at the end of a word

Insertion

Vowel Insertion

$\emptyset \rightarrow e / C - r$ at the end of a word

/d/ Insertion

$\emptyset \rightarrow d / V - V$ after some prefixes

/s/ Insertion

$\emptyset \rightarrow s / b - \{p, t, c\}$ after prefixes

Rhotacism

s \rightarrow r / V—V

Vowel Changes

- { Latin 1st Weakening
 $a \rightarrow e$ / [syllable]
- Latin 1st weakening
 $e \rightarrow i$ / [syllable] CV
- / / -Coloring
 $\{e, o\} \rightarrow u$ / — l in a closed syllable

Other Consonant Changes

t + t to ss

t + t → ss when roots are combined with suffixes

⑥ Nominative Plural Endings in Latin & Greek

Singular	Plural	Example
-a	-ae	alumna
-es	-es	species
-is	-es	crisis
-on	-a	criterion
-um	-a	memorandum
-us	-i	alumnus
-us	-us	hiatus

⑦ Noun-forming suffixes

Nominative Singular

Latin

-arium

Examples

librarium, aquarium

-ia

-la

-hum

-tus

-mentum

-moxia

-monium

-tas (stem -tat-)

-tio (stem -tion-)

-tor

-tura

-tus (plural -tus)

Greek

-ma (stem -mat-)

-sis

-tor

⑧ Adjective-forming Suffixes

Suffix

-acus

-alis

-bilis

-icos

-ilis

-(i)or

-osus

-tivus

doing (e)nt
will be done
(e)nd

thematic
final vowel

f2 t ū

final vowel

Q) Latin Perfect Participle

		present stem	perfect participle stem	meaning
allomorphy	(prefix)+root			
nasal infix	vic-	vinc-e-	vic-t-	'win'
nasal infix	rup-	rump-e-	rup-t-	'burst'
vowel weakening	de-fac-	de-fic-i-	de-fec-t-	'fail'
vowel weakening	re-cap-	re-cip-i-	re-cip-t-	'receive'
assimilation	reg-	reg-e	rec-t-	'rule'
inception	sum-	sum-e	sum-p-t-	'take up'
rhotacism	ges-	ger-e-	ges-t-	'carry on'
multiple	con-tag-	con-tang-e	con-tac-t-	'touch'

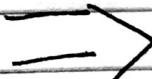
t+t=ss	pat-	pat-i-	pass-	'undergo'
t+t=ss	sed-	sed-e-	cess-	'sit'
t+t=ss	sent-	sent-i-	sens-	'feel'
t+t=ss	vid-	vid-e-	vis-	'see'
t+t=ss	ut-	ut-e-	us-	'use'

irregular	pell-	pell-e-	pus-	'push'
irregular	merg-	merg-e-	mers-	'sink'
irregular	curr-	curr-e-	curs-	'run'
irregular	stru-	stru-e-	struc-t-	'build'
/	mor-	mor-e	mot-	'more'
/	sequ-	sequ-e-	secu-t	'follow'

Q) Grimm's Law

Proto-Indo-European

*p *t *k
*b *d *g
*bh *dh *gh



Germanic

f θ h
p t k
b d g

English Latin

three tres

thin tenu-is

hound cun-is

heart cor

two dūō

ten decem

kind genus

carve

Greek

treis

kyōn

kantɔ:ta

dyo

deka

genos

graph-ein (unite)

PIE voiced aspirates

PIE *bh

Germanic b

Latin f

Greek ph

*dh

d

f

ph

*gh

g

h

ch

(voiced aspirates)

(fricatives)

(voiceless

aspirates)

similes

d θ t

j ʃ ʃ̄

g b d

voiced-aspirated

* * *

* * *

* * *