

KIMIA ORGANIK II

ELFI SUSANTI VH

MATERI KULIAH KIMIA ORGANIK II

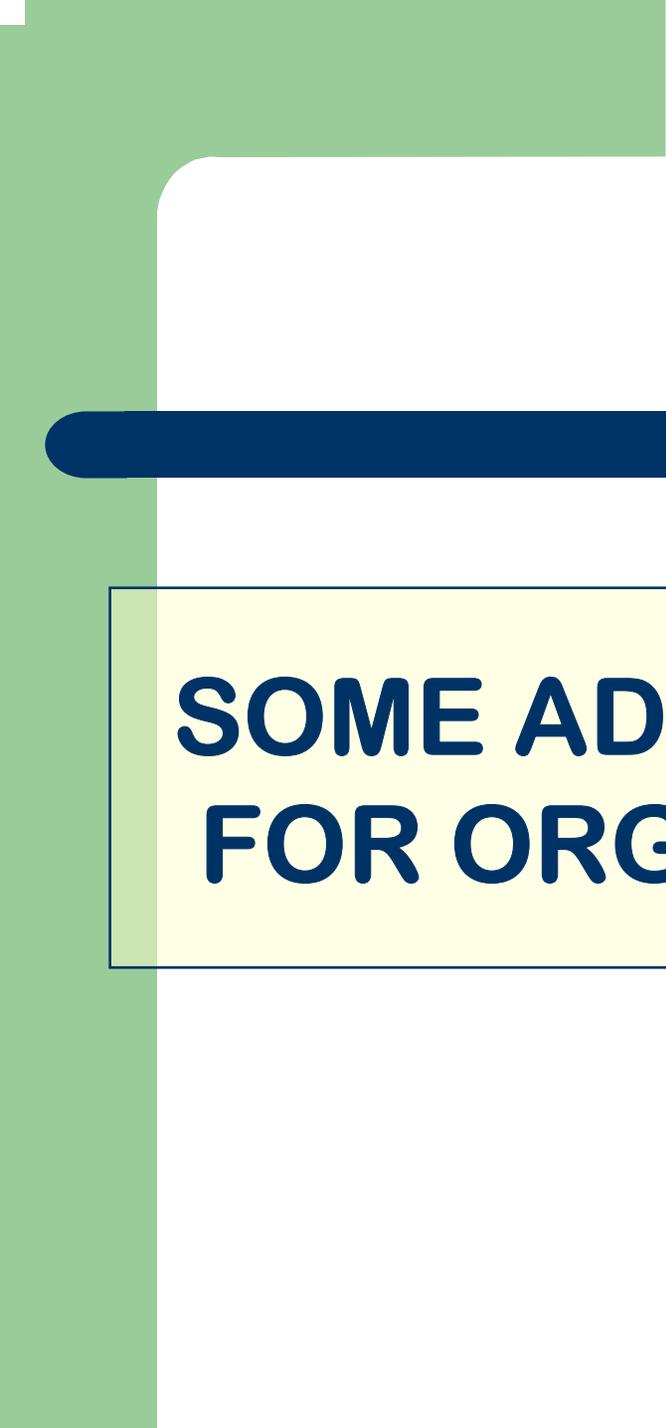
SMT IV 3 SKS

BAB I.	STEREO KIMIA
BAB II.	SENYAWA BERGUGUS FUNGSI JAMAK
BAB III.	KARBOHIDRAT
BAB IV.	ASAM AMINO, PEPTIDA, DAN PROTEIN
BAB V.	LEMAK
BAB VI.	HIDROKARBON AROMATIK POLISIKLIK



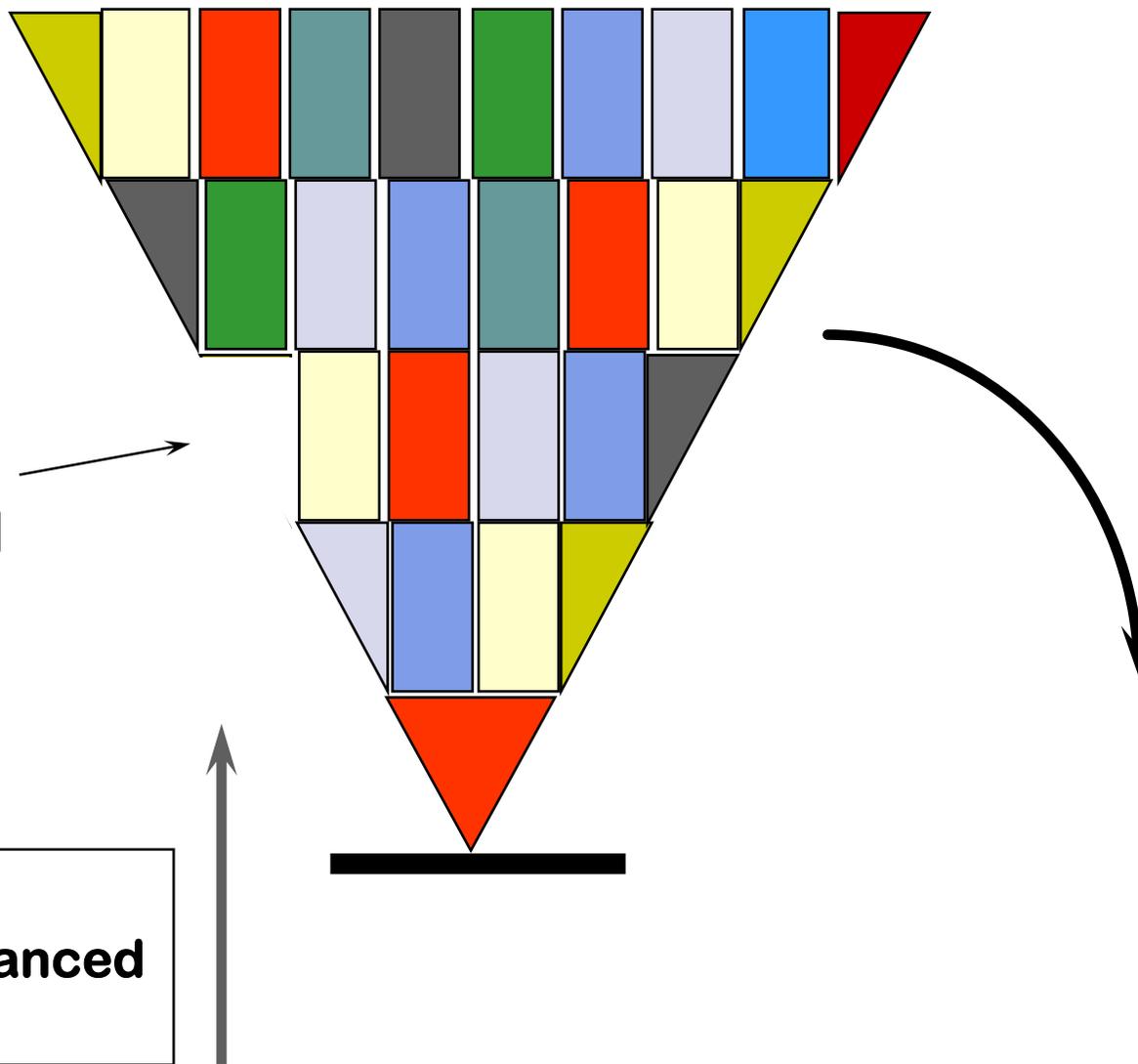
REFERENSI

1. Buku Teks Kimia Organik II (Matsjeh, S., et.al., 1996, Kimia Organik II, Departemen Pendidikan dan Kebudayaan DIKTI)
2. Fessenden, R.J., and J S Fessenden, 1997, Kimia Organik, Alih Bahasa A.H Pudjaatmaja, Jilid 1, Edisi ketiga, Jakarta: Erlangga
3. Paul R Young, 2000, Organic Chemistry On Line, University Illinois Chicago
4. Solomons, 2000, Organic Chemistry, 6th edition, Wiley and Sons



SOME ADVICE ON STUDYING FOR ORGANIC CHEMISTRY

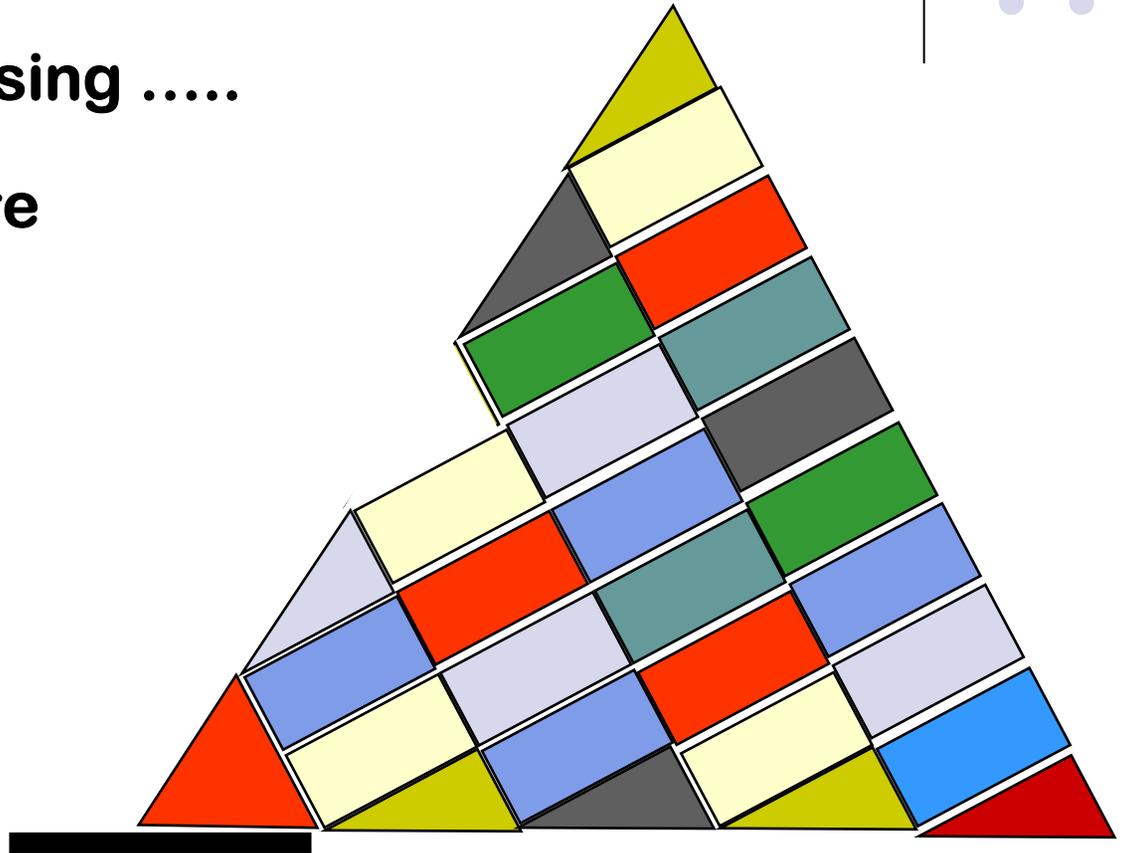
STRUCTURE OF KNOWLEDGE IN ORGANIC CHEMISTRY





If something is missing

**The whole structure
collapses !!!**



MATERIAL IN THIS COURSE IS CUMULATIVE

STUDY TO UNDERSTAND THE MATERIAL

The material keeps building on itself.

ANYTHING THAT YOU DO NOT MASTER WILL
COME BACK TO HAUNT YOU LATER

You literally cannot forget anything in this course.

WE WILL BUILD ON EARLIER TOPICS TO
DEVELOP NEW ONES

**IF YOU DON'T UNDERSTAND SOMETHING
..... GET HELP AS SOON AS YOU CAN**

**See me after class, during office hours, or make
an appointment.**

**DO AS MANY PROBLEMS AS YOU CAN FIND
TIME FOR IN YOUR SCHEDULE**

**Active learning is more effective than passive study.
Doing problems really cements your understanding
it requires you to apply what you learn.**

**THE END-OF-CHAPTER PROBLEMS ARE THE
MOST HELPFUL**

6 LANGKAH PENTING UNTUK SUKSES KIMIA ORGANIK

- 1) berada di kelas;
- 2) bertanya di kelas (jika menemui kesulitan)
- 3) *Take good notes* = buat catatan yang baik
persiapan dengan membaca materi sebelum
masuk kelas, setelah kuliah: baca lagi,
buat Ringkasan dan tulis kembali
- 4) Kerjakan PR pada waktunya
- 5) *Practice, practice, practice!*
- 6) Pelajari bagaimana ujian dengan baik

STRANGE BUT TRUE

We retain : **90% of what we say
as we do a thing**

ACTIVE

70% of what we say as we talk

50% of what we see and hear

30% of what we see

20% of what we hear

10% of what we read

PASSIVE

..... a psychological study