

CHEM 691 (1 cr.)
Tentative: TR 11:30-1:00pm, REIC 165
Tom Trainor
Rm 1 6 Reic!ar"t
#-56\$%
[tpttrainor&a'a\(\)a.e"*](#)
TR \$:00-#:00pm

Co*r(e +e(cription (,rom cata'o-)

Revie . o, recent re(earc! in c!emi(tr/ to e0po(e (t*"ent(to recent ,in"in-(, met!o"o'o-ie(an" concept(in a 1roa" ran-e o, c!emi(tr/ an" re"ate" "i(cip'ine(. Ho . to pre(ent an" "e,en" re(earc! propo(a'(. Co*r(e ma/ 1e repeate" ,or cre"it. 2pecia' ,ee(app'/. 3rere4*i(ite(: 5ra"*ate (tan"in- in p!/(ica' (cience(or permi((ion o, in(tr*ctor. (160)

Co*r(e 7vervie . :

C!emi(tr/ 691 i("e(i-ne" to -ive -ra"*ate (t*"ent(practice in ora' pre(entation tec!ni4*e(t!at inc'*"e pre(entation o, t!eir re(earc! an" "e,en(e o, re(earc! propo(a' (scienti,ic i"ea(. T!e(e ()i'"(are critica' ,or (*cce((o, o*r -ra"*ate (t*"ent(. 9or (t*"ent(. !o (ee) emp'o/ment in in""(tr/, t!e(e ()i'"(. i" a((i(t in (*cce((,*' intervie . in- an" interaction . it! co"ea-*e(once emp'o/e". 9or aca"emic-1o*n" (t*"ent(, t!e(e ()i'"(are critica' to t!eir :o1 p'acement an" per,ormance.

:earnin- 7*tcome(:

<t t!e en" o, t!e co*r(e, /o* (!o*" !ave t!e ()i'"(to (*cce((,*'/ pre(ent an" "e,en" a t!e(i(.

5ra"in-:

Re(earc! pre(entation (#0=), >*a'it/ o, 4*e(tion(a()e" o, ot!er pre(enter((\$5=), +e,en(e o, re(earc! pre(entation (\$5=), 3articipation (10=). T!e -ra"in- (ca'e . i" 1e <: 90-100=, ?: %0-%9=, C: 0- 9=, +: 60-69=, 9: @60=. Ae . i" not 1e *(in- 68- -ra"in- in t!i(co*r(e.

Co*r(e 2tr*ct*re :

T!e co*r(e .i" meet .ee)'/ ,or a 60-min*te (e((ion. T!e in(tr*ction 1e-in(.it!
'ect*re(on ora' pre(entation ())i'(1/ t!e in(tr*ctor, ,o'o . e" 1/ (t*"ent pre(entation(
an" "e,en(e. Eac! (t*"ent .i":

1) Ma)e a re(earc! pre(entation, eit!er ta)en ,rom t!eir re(earc! or ,rom t!e 'iterat*re.

\$) +e,en" t!eir re(earc! pre(entation in t!e (t/'e o, an ora' "e,en(e o, a M.2. t!e(i(or a
3!.+. ora' compre!en(ive, "epen" in- on t!e (t*"entB(pro-ram.

3) <() 4*e(tion(o, t!e ot!er (t*"ent(in t!eir pre(entation(.

In a""ition to t!e (t*"ent pre(entation(, t!e 'ect*re ma/ 1e -iven 1/ ,ac*t/ mem1er(or
ot!er(intere(te" in c!emi(tr/. In t!e ca(e o, an e0terna' (pea)er, t!e (t*"ent(m*(t (ti"
participate 1/ a()in- 4*e(tion(o, t!e (pea)er.

2t*"ent(.it! "i(a1i'itie(

2t*"ent(.it! "oc*mente" "i(a1i'itie(.!o ma/ nee" rea(ona1'e aca"emic
accommo"ation((!o*" "i(c*((t!e(e .it! me "*"rin- t!e ,ir(t t. o .ee)(o, c'a((. Co*
.i" nee" to provi"e "oc*mentation o, /o*r "i(a1i'it/ to +i(a1i'it/ 2ervice(in t!e Center
,or Hea't! an" Co*n(e'in-, # #- 0#3, TTC # #- 0#5.