

<!ELEMENT SAP\_TRANS (VERSION,DTG,DISTRICT,SCHOOL,PERIOD,TR\_SUMMER)>  
<!ELEMENT VERSION (#PCDATA)>  
<!ELEMENT DTG (#PCDATA)>  
<!ELEMENT DISTRICT (#PCDATA)>  
<!ELEMENT SCHOOL (#PCDATA)>  
<!ELEMENT PERIOD (#PCDATA)>  
<!ELEMENT TR\_SUMMER (T\_VERSION, TRACK\_ID, STUDENT+)>  
<!ELEMENT T\_VERSION (#PCDATA)>  
<!ELEMENT TRACK\_ID (#PCDATA)>  
<!ELEMENT STUDENT (MSISID, FNAME, MNAME?, LNAME, SSN?, DOB, (PROMOTE?)+, SCHEDULE)>  
<!ELEMENT MSISID (#PCDATA)>  
<!ELEMENT FNAME (#PCDATA)>  
<!ELEMENT MNAME (#PCDATA)>  
<!ELEMENT LNAME (#PCDATA)>  
<!ELEMENT SSN (#PCDATA)>  
<!ELEMENT DOB (#PCDATA)>  
<!ELEMENT PROMOTE (PROMOTION, P\_DATE, GRADCODE?,GRADENDR1?,GRADENDR2?)>  
<!ELEMENT PROMOTION (#PCDATA)>  
<!ELEMENT P\_DATE (#PCDATA)>  
<!ELEMENT GRADCODE (#PCDATA)>  
    <!ELEMENT GRADENDR1 (#PCDATA)>  
    <!ELEMENT GRADENDR2 (#PCDATA)>  
<!ELEMENT SCHEDULE (COURSE+)>  
<!ELEMENT COURSE (COURSENUM, LOCALNUM?, LOCALNAME?, FINALGRADE, CREDITS, CARNEGIE, CLASS+)>  
<!ELEMENT COURSENUM (#PCDATA)>  
<!ELEMENT LOCALNUM (#PCDATA)>  
<!ELEMENT LOCALNAME (#PCDATA)>  
<!ELEMENT FINALGRADE (#PCDATA)>  
<!ELEMENT CREDITS (#PCDATA)>  
<!ELEMENT CARNEGIE (#PCDATA)>  
<!ELEMENT CLASS (TERMSEMCODE, C\_GRADE?, MINUTES?)>  
<!ELEMENT TERMSEMCODE (#PCDATA)>

<!ELEMENT C\_GRADE (#PCDATA)>

<!ELEMENT MINUTES (#PCDATA)>