<prog> 🡺 <elementList>

<elementList> 🡺 ϵ | <element> | <element> <elementList>

<element> 🡺 <beginCourse> <classList> <endCourse> | <beginConstraint> <itemList> <endConstraint>

<beginCourse> 🡺 tOPEN tCOURSE <courseAttrList> TCLOSE

<endCourse> 🡺 tEND tCOURSE tCLOSE

<courseAttrList> 🡺 <courseAttr> | <courseAttrList> <courseAttr>

<courseAttr> 🡺 tCODE tSTRING | tNAME tSTRING | tTYPE tSTRING

<class> 🡺 <beginClass> <meetingList> <endClass>

<beginClass> 🡺 tOPEN tCLASS <classAttrList> tCLOSE

<endClass> 🡺 tEND tCLASS tCLOSE

<classAttrList> 🡺 <classAttr> | <classAttr> <classAttrList>

<classAttr> 🡺 tSECTION tSTRING | tINSTRUCTOR tSTRING | tCRN tNUM | tCAPACITY tNUM

<meeting> 🡺 <beginMeeting> <meetingAttrList> <endMeeting>

<beginMeeting> 🡺 tOPEN tMEETING

<endMeeting> 🡺 tSELF

<meetingAttrList> 🡺 <meetingAttr> |<meetingAttr> <meetingAttrList>

<meetingAttr> 🡺 tSTART tTIME | tEND tTIME | tDAY <day>

<day> 🡺 tMON | tTUE | tWED | tTHU | tFRI

<beginConstraint> 🡺 tOPEN tCONSTRAINT tCLOSE

<endConstraint> 🡺 tEND tCONSTRAINT tCLOSE

<item> 🡺 <beginItem> <itemAttr> <endItem>

<beginItem> 🡺 tOPEN tITEM

<endItem> 🡺 tSELF

<itemList> 🡺 <item> | <item> <itemList>

<itemAttr> 🡺 tCODE tSTRING |tCRN tNUM