<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