

WRSU-FM Engineering
126 College Avenue
New Brunswick, N.J.

1986-1987 Engineering
Budget

1.Equipment maintenance, spare parts, Emergency and scheduled repair.	6,000.00
2.Minor Construction	1,500.00
3.Engineering Supplies	750.00
4.Styli and Cartridge Replacement	500.00
5.Transmitter Test and FCC Proof of Proformance	2,000.00
6.Frequency Measurements	120.00
7.Tape Cartridge rewinding	500.00
8.Office Supplies	300.00
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Total Technical Department operating Budget.	11,670.00

1.Equipment maintenance, Spare parts,
Emergency and Scheduled repair.

Includes normal parts for repair and repair/replacement of the equipment in the station. This includes a stock of spare parts in order to minimize down time. This general category includes general money to be spent on emergency repair of equipment to maintain the "On The Air" Status of the station at all times. It should be noted that some of the equipment at the station is over 20 years old and still in every day use. This older technology is maintained in order that the student population of WRSU has the ability to repair and maintain the equipment, and replacements are obtained only when equipment can not be economically repaired. It is cheaper for students to repair the equipment because the students are not paid for their time, and WRSU only has to supply parts and repair equipment. Outside repair takes anywhere from several days to several weeks at going market rates.

2.Minor Construction Parts

Used for various 'projects' around the station.---equipment custom designed by station personnel to fit the needs of the station at a much lower cost than available from the market place.

3.Engineering supplies.

Duplication and printing of forms and information as required by the FCC and other authorities.

4.Styli and Cartridge Replacement

The turntables are used about 23.5 hours per day on the air, and to a lesser extent in the production facilities. Since this is the major reproduction method of recorded music, it must be maintain in top condition. The Needles are replaced atleast every four months or sooner has the condition dictates.

5.Transmitter Test and FCC Proof of Proformance.

The transmitter must be maintained to FCC regulations. This fund is maintained to keep the transmitter and the building in good operating condition to minimize down time, and perform the yearly "Proof of Performance" tests. These are needed and are very time consuming. They are performed by the Chief Engineer (Mr. Stanley) and assisted by various members of the WRSU Technical department.

6. Frequency Measurements

Checks done by an outside lab to check compliance with FCC limits and regulations.

7. Tape Cartridge Rewinding

Refurbishment and new purchase of audio tape 'carts' to be played on the air.

8. Office Supplies

Forms, stamps, printing necessary for day to day operation of the department.